

SATURDAY 26 JULY 2014**SAT 00:00 Midnight News (b04b2kns)**

The latest national and international news from BBC Radio 4. Followed by Weather.

SAT 00:30 Book of the Week (b04b61hh)

Deep

Sri Lanka

James Nestor's book, "Deep: Freediving, Renegade Science and What the Ocean Tells Us About Ourselves" begins at the surface and then plunges ever deeper into the unknown – until we are at 35,797 feet below sea level: the lowest point on earth. "Freedivers" come to the ocean to redefine the limits of the human body, swimming up to 400 feet below the surface for minutes at a time in a single breath.

Nestor introduces us to freedivers who are drawn to the sea for a variety of reasons: some to break records, some to find peace, and some who are scientists, freediving 'because it's the most intimate way to connect with the ocean.'

Nestor unveils startling facets of human physiology – most notably the extraordinary life-preserving reflexes known as the Master Switch of Life.

And we learn about the old and new life-forms that inhabit our deep oceans – a habitat with the greatest biodiversity on earth, yet most of it remains unknown.

Abridged and produced by Pippa Vaughan.
A Loftus production for BBC Radio 4.

SAT 00:48 Shipping Forecast (b04b2knv)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b04b2knz)

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SAT 05:20 Shipping Forecast (b04b2kp3)

The latest shipping forecast.

SAT 05:30 News Briefing (b04b2kp5)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b04b30q2)

A spiritual comment and prayer to begin the day with Alison Murdoch.

SAT 05:45 IPM (b04b30q4)

"My mother and father are the only ones in my family that know what I do. My brother and sister don't know; aunts, uncles, I wouldn't tell them what I do." A listener and Catholic police officer talks about daily life when you know that there are plenty of people out there who would like to kill you just because you wear a uniform.

SAT 06:00 News and Papers (b04b2kp9)

The latest news headlines. Including a look at the papers.

SAT 06:04 Weather (b04b2kpc)

The latest weather forecast.

SAT 06:07 Open Country (b04b24y0)

Butser Ancient Farm, Hampshire

How did people live on the land 2,000 years ago, during the Iron Age? Helen Mark finds out when she visits Butser Ancient Farm near Petersfield in Hampshire, very much a living experiment in practical archaeology.

Founded 42 years ago by Peter Reynolds, Helen hears that Butser still operates as a kind of laboratory that looks into how our ancestors lived. For example, Butser's thatched roundhouses are built according to the exact dimensions found at digs in the vicinity, along the wooded hills and valleys of the South Downs. Butser director Maureen Page shows Helen the sheep they keep, which are genetically close to those kept by Iron Age farmers.

Experienced thatcher and roundhouse builder, Dave Freeman, demonstrates how to lay Norfolk reed as a roofing material. However, we hear the reed isn't from Norfolk or anywhere in the UK, but from Turkey. This is because our reeds simply aren't up to the job, affected by chemical runoff from the fields into our waterways.

Meanwhile Butser's resident experimental archaeologist, Ryan Watts, shows Helen the canoe he successfully made last summer from a fallen oak, hollowing it out with fire, and finishing it off with bronze axes that they cast on site.

Producer: Mark Smalley.

SAT 06:30 Farming Today (b04bj7pc)

Farming Today This Week: Border Union Show

It's a time of change for farming in the UK. With 2 new agricultural ministers, one at Defra and one in Wales, Caz Graham travels to the Border Union Show in Kelso to ask what is new for farmers in the 4 corners of the UK.

SAT 06:57 Weather (b04b2kpf)

The latest weather forecast.

SAT 07:00 Today (b04bj7pf)

Morning news and current affairs. Including Yesterday in Parliament, Sports Desk, Thought for the Day and Weather.

SAT 09:00 Saturday Live (b04bj7ph)

From the Commonwealth Games in Glasgow

Aasmah Mir and Richard Coles with a programme from Glasgow to celebrate the Commonwealth Games. They are joined by record-breaking long-distance Scottish cyclist, adventurer, broadcaster and Queens Baton bearer Mark Beaumont.

Sir Professor Geoff Palmer came to Britain from Jamaica aged 14. Described as educationally sub-normal is he now an expert in cereals and Professor Emeritus of brewing at Heriot-Watt University, Edinburgh. He was the first black Professor in Scotland and is a prominent anti-racism campaigner.

We meet the former class mates who campaigned for a fairer deal for asylum seekers in the city.

And live music from Dave and the Turtles, three school friends who have just won the Big Big Sing Commonwealth songwriting competition. They perform 'Life's a game' for us.

Louise Martin is the chair of sportscotland and credited with bringing the Games to Glasgow and shares her Inheritance Tracks with us. She has chosen 500 miles by The Proclaimers and the theme of the Glasgow bid The Road to Home by Amy Macdonald

David Watson has spent the last 10 years mapping the Masai Marra Game Reserve after getting lost there in 1999. And more of your one way ticket stories. We meet Hamish Khayat and friends who booked a one way ticket to Australia. They are currently en route on their way back....in a rowing boat mid-Indian Ocean.

Author and journalist Damian Barr gives thanks to his anonymous benefactor for the impact they've had on his career. Damian Barr's book 'Maggie And Me' is out now.

Plus poetry from Sierra Leone, Gibraltar and Nauru.

Produced by Alex Lewis.

SAT 10:30 Punt PI (b04bj7pk)

Series 7

The Case of the MP Who Vanished

Steve Punt turns private investigator and examines the curious case of the socialist MP Victor Grayson who vanished into thin air!

Firebrand politician, champion of the mill workers, scion of the establishment, fancy dresser, hard drinker, man about town. Victor Grayson was many things when he erupted onto the public stage in 1907 as the first and last independent socialist MP, aged 26. However this shooting star disappeared from sight in 1920, under mysterious circumstances, with no confirmed sightings after that.

Punt P.I. sets out on a trail through Yorkshire valleys, dusty archives and seedy Soho to pick up clues to Victor's disappearance.

Producer Neil McCarthy.

SAT 11:00 The Week in Westminster (b04bj7pt)

Steve Richards of The Independent consults fellow presenters of 'The Week in Westminster' about the fortunes and frailties of the main party leaders as MPs break for the summer.

Editor: Peter Mulligan.

SAT 11:30 From Our Own Correspondent (b04bj7pw)

Last Night in Gaza

Correspondents tell their stories: a week in Gaza, Paul Adams; on the night train from Kiev to Donetsk, Gabriel Gatehouse; trouble in the vineyards of Moldova, Stephen Sackur; how the US city which brought us Campbell's Soup fell into decline, Sophie Reid and how frugality set two German brothers on the road to super-riches, Steve Evans.

SAT 12:00 Money Box (b04bj7py)

Pension freedoms: The pros and cons of P2P lending; Tax credits deadline looms

Savers are to receive free independent guidance when given access to their pension pots from next year, the government said earlier this week. The plan changes an aspect of the major liberalisation of defined contribution pensions unveiled in the Budget. The guidance will be through independent organisations, paid for by a levy on regulated financial firms. So what do people coming up to retirement need to bear in mind if they want to access their cash? Michelle Cracknell from TPAS and Sarah Lord from Killik Chartered Financial Planners unpack the detail.

With pension freedom comes personal responsibility to understand your finances. Just how do you release cash from your pension after the age of 55? And what is the best way to minimise charges? What do need to keep in mind?

Peer-to-peer savings firms like Zopa, Funding Circle and Ratesetter say you can potentially earn 6% on your savings. These websites are industrial-scale online financial matchmakers - matching borrowers with savers willing to put money aside for longer. Though peer-to-peer sites are now regulated by the City watchdog, the FCA, its savers do not benefit from the Financial Services Compensation Scheme, with the £85,000 guarantee per person. Money Box brings peer-to-peer critic, Bestinvest founder John Spiers together with Funding Circle's Andy Mullinger to debate the pros and cons of P2P.

The Government has confirmed that it is cutting its rate of increase granted on State Pension deferrals, applying to anyone retiring after April 2016. Those who hit their State Pension age before April 2016 will be able to defer their state pension and benefit from an annual increase of 10.4 per cent on the deferred income. For anyone who reaches their state pension age after 2016 their rate will fall to 5.8 per cent. Malcolm Maclean, pensions specialist at the actuarial firm Barnett Waddingham, joins the programme.

There's less than a week left to renew your tax credits - the deadline's on July 31st. Around 3 million people need to get in touch with HMRC, but 800,000 people still haven't done it, despite this being the first year you can renew online. So what's causing the delay? Mark Willis, welfare rights officer at the Child Poverty Action Group, explains what's happening.

SAT 12:30 The News Quiz (b04b2x05)

Series 84

Episode 8

A satirical review of the week's news, chaired by Sandi Toksvig, with regular panellist Jeremy Hardy and guest panellists Susan Calman, Bob Mills and Katherine Ryan.

Produced by Lyndsay Fenner.

SAT 12:57 Weather (b04b2kph)

The latest weather forecast.

SAT 13:00 News (b04b2kpk)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b04b30m3)

Greg Dyke, Dan Hannan MEP, Baroness Kramer, Justine Picardie

Jonathan Dimbleby presents political debate and discussion from St James' Church in Emsworth, Hampshire, with Chairman of the Football Association Greg Dyke, Editor of Harper's Bazaar Justine Picardie, Conservative MEP Dan Hannan and Transport Minister Baroness Kramer.

SAT 14:00 Any Answers? (b04bj8hs)

Gaza, arms sales, sporting boycotts

Your response to some of the issues discussed on Any

Questions?

Your views on how the world is responding to what's happening in Gaza, whether we should reassess the countries we sell arms to, and should we start boycotting big sporting events like the 2018 World Cup?

Presenter: Anita Anand
Producer: Maire Devine.

SAT 14:30 Queens of Noise: Shout to the Top (b01mw1n1)
London, 1988. Three ambitious young women form a band, Velveteens, to take on the world. But is the world ready? Armed with loud guitars, attitude to burn, and a makeshift manager, they are soon taking their first faltering steps into the music industry.

Written by two veterans of the business, Roy Boulter and Louise Wener, this is the story of a young band chasing the dream. With actor, singer and comedian Shane Richie as the band's temporary manager, Vince, this drama-with-music charts the life of Velveteens from formation to first gig; from first demo to (hopefully) first record deal.

Music directors Brian Rawling and Marky Bates

Directed by Toby Swift.

SAT 15:30 Roots Reggae and Rebellion (b049yhcz)
Episode 1

Rastafari is Jamaica's most famous export. Alongside Bob Marley - the world's most recognised Rastafarian - this cultural and spiritual movement is the enduring global image of the Caribbean island. For better or worse, the red, green and gold colours, dreadlocks, reggae music and marijuana are all closely associated with Jamaica. But what role has this spiritual movement had in forming Jamaica's soul and identity? Presented by political commentator and educator Kingslee Daley, this series examines how Rastafari turned from an ostracised religious sect into a global phenomenon. Kingslee is better known as Akala, a British poet, rapper and founder of the Hip-Hop Shakespeare Company. Born in London he was brought up immersed in Rasta culture by his father. In these two half hour programmes, Akala travels to Jamaica to discover the cultural and sociological significance of his spiritual heritage. Rastafari first came to prominence in 1930s Jamaica, emerging from the civil rights struggle during British colonial rule. It's a complicated synergy of the Old Testament and the teachings of pan-Africanist Marcus Garvey who predicted in the 1920s that "a black king shall be crowned in Africa" ushering in a "day of deliverance." When the Ethiopian prince Ras Tafari - who was also known as Haile Selassie I - became Emperor in 1930, the descendants of slaves in Jamaica took this as proof that Garvey's prophecy had come true. The fact that Selassie was also a pan-Africanist with black empowerment philosophies of his own only further cemented their belief. Many Rastafari believe Selassie to be the second coming of Jesus, a black Christ. But whatever the theologies surrounding Rastafari, its importance for Jamaica and for the Jamaican diaspora has gone way beyond religion.

In this first part of the series, Akala uncovers the story of Rastafari and its role in replacing the shackles of colonial rule with a forgotten African identity. At first Rastas were deemed the scourge of society, hounded by both the British and Jamaican authorities. But thanks to an explosion of incredible music in the 1970s, the Rastafari message took over the whole island before spreading around the world. Contributors include writer Sir Salman Rushdie, the Kenyan author and political activist Ngũgĩ wa Thiong'o, Professor Carolyn Cooper from the University of the West Indies and the residents of the early Rasta camp known as Pinnacle.

SAT 16:00 Woman's Hour (b04bj8hv)
Weekend Woman's Hour: 80-year-old stand-up comic Lynne Ruth Miller.

Lynne Ruth Miller began her stand up career at the tender age of 71. What keeps her going and why does she enjoy mixing comedy, dancing and strapping so much?

We hear from Helen trying to turn her life around after having all four of her children removed from her and taken into care because of her drug abuse and chaotic lifestyle.

Why is feminism being used to promote products?

As Scotland hosts the Commonwealth Games we talk about all things tartan and ask why the tartan specially designed for Team Scotland has received such mixed reviews. Plus what's it like to be a young cancer survivor? Every year around 5000 women under the age of 45 are diagnosed with breast cancer and 3000 told they have cervical cancer. So what support is there for these young women, and how do they begin to tackle the thorny issue of dating. Two young women share their experiences.

And music from songwriter Natalie Williams.

Highlights from this week's Woman's Hour.
Presented by Jenni Murray.
Producer Rabeka Nurmahomed
Editor Beverley Purcell.

SAT 16:55 1914: Day by Day (b04bj8hx)
26th July

The British foreign secretary proposes mediation to settle the Balkan crisis.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch
A Somethin' Else production for BBC Radio 4.

SAT 17:00 PM (b04bj8zhz)
Saturday PM

Full coverage of the day's news.

SAT 17:30 The Bottom Line (b04bsylz)
Recalls

Faulty children's beds, mislabelled horsemeat burgers and exploding dishwashers are among the products recalled by companies in the UK to protect the health and safety of consumers. Evan Davis and guests discuss the process for recalling defective items and find out how quickly manufacturers and distributors must act. What are the logistics of getting back hundreds of thousands of products from consumers? And what impact does a recall have on a company's reputation? Does it reassure or unnerve customers?

Guests:

Gerard Bos, Customer Relations Manager for UK and Ireland, Ikea

Chris Dee, Chief Operating Officer, E.H Booth

Vince Shiers, Managing Director, RQA Group

Producer: Sally Abrahams.

SAT 17:54 Shipping Forecast (b04b2kpm)
The latest shipping forecast.

SAT 17:57 Weather (b04b2kpp)
The latest weather forecast.

SAT 18:00 Six O'Clock News (b04b2kpr)
The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b04bj8j1)
Clive Anderson, Frank Skinner, Glen Matlock, Sophia Myles, Jess Thom, Scottee, Hercules and Love Affair, The Good Ones

Frank Skinner tells Clive about exposing his more sophisticated side, in his Edinburgh Fringe show (and touring) Man In A Suit: actress Sophia Myles (Spooks, Dr Who...) chats about new film Blackwood, a retro-feel English ghost story to give us the shivers; also heading for the Edinburgh Fringe is Glen Matlock with his Festival debut - a spoken word show documenting his life as a teenage Sex Pistol. And guest interviewer Scottee talks to writer, artist and part-time superhero Jess Thom, who created her Touretteshero show (also part of the Edinburgh Fringe) to celebrate the creative side of the neurological condition that makes her say "biscuit" 16,000 times a day. With music from

Rwandan genocide survivors The Good Ones and from Hercules and Love Affair

Producer: Sukey Firth.

SAT 19:00 Profile (b04bj8j3)
Mazher Mahmood

The so-called "fake sheikh" - investigative journalist Mazher Mahmood - hit the headlines this week after singer Tulisa Contostavlos's drugs trial, which was triggered by one of his newspaper investigations, collapsed. The judge told the court he thought prosecution witness Mahmood had lied in giving evidence.

Mahmood has long been a controversial figure. His investigations, many for News of the World, have exposed serious wrongdoing. But he is accused of provoking people to commit criminal acts, in pursuit of a lurid newspaper headline. Edward Stourton presents.

Producer: Smita Patel.

SAT 19:15 Saturday Review (b04bj8j5)
Medea, Joe, Our World War, DBC Pierre, Imperial War Museum

Helen McCrory is playing Medea in a new production at London's National Theatre - it's a new take on the Greek tragedy; how can one make a play written 1700 years ago resonate today?

Nicolas Cage's new film Joe is a gritty blue collar tale of poverty and misery in rural Mississippi. It shows his gentle side rather than a raving onslaught; might this be a chance for viewers to reassess the way his acting has been heading? The BBC's commemoration of the centenary of WW1 continues with a series Our World War, which imagines what our view of it would be like if the soldiers had modern recording technology like headcams.

DBC Pierre's novel Breakfast With The Borgias is the story of a man isolated in a rather shabby guesthouse desperately trying to contact his girlfriend, who vividly discovers the truth behind Sartre's maxim that "Hell is other people". The Imperial War Museum in London has just reopened after a multi-million pound refit - making major structural changes and opening a new WW1 gallery. Has it been money well spent?

Tom Sutcliffe's guests this week are James Walton, Susan Jeffreys and Kit Davies. The producer is Oliver Jones.

SAT 20:00 Archive on 4 (b03th931)
How Britain Went to War

Peter Hennessy, the leading historian of Whitehall, examines Britain's secret war planning and preparations before 1914, explores the difficulties over the plans within government, and asks what difference the plans made when war came.

Drawing on official papers, sound archive, and interviews with historians, Hennessy takes us inside Whitehall during the years before 1914. He discusses what was in the minds of Asquith, his ministers and their officials and top soldiers and sailors, as they prepared for a possible conflict and as they finally took Britain into a major war in August 1914.

He explores the tensions between senior military and naval officers, between the Admiralty and the War Office, and within the Cabinet, where ministers resisted state planning, and he shows how the resulting debates and divisions shaped the war plans and influenced their effectiveness.

But as he also shows, these years also saw the creation of Britain's first Secret Service Bureau (forerunner of MI5 and MI6) and the first ever 'War Book', a detailed set of instructions for government departments to follow during the transition from peace to war - a vital element of Whitehall planning that has continued ever since.

Producer: Rob Shepherd

First broadcast on BBC Radio 4 in July 2014.

SAT 21:00 Classic Serial (b049xtjw)
By a Young Officer: Churchill on the North West Frontier

Douglas Booth stars as the young Winston Churchill. The year is 1897 and news is just reaching London that Islamic insurgents are causing havoc in the mountainous border between British India and Afghanistan.

Written by Michael Eaton
Director: Dirk Maggs

Producer: David Morley
A Perfectly Normal production for BBC Radio 4.

SAT 22:00 News and Weather (b04b2kpt)
The latest national and international news from BBC Radio 4, followed by weather.

SAT 22:15 Inside the Ethics Committee (b04b1zlk)
Series 10

Organ Donation and Newborn Babies

Organ transplants are one of the triumphs of modern medicine. As the field has evolved, views on who can receive organs, and who can donate, have changed.

Elizabeth and Kenny are expecting twins. While one baby looks healthy, the other has anencephaly, a lethal abnormality where the brain fails to develop. Babies with this condition either die in the womb, are stillborn or live for just seconds, minutes or hours after birth. It's possible to terminate the pregnancy of this twin, but the procedure could trigger a miscarriage in the healthy one.

The couple decide to continue with the pregnancy of both twins - a healthy baby girl and a boy with anencephaly. As the pregnancy progresses, it's very emotional for the couple knowing that their little boy won't survive. However, they are keen to meet both babies and spend whatever precious time they might have with their son, before he dies.

Early on in discussions about their son, the obstetrician raises the subject of organ donation. Elizabeth and Kenny are open to the idea. They feel it could enable some good to come out of their son's tragic situation and are keen to explore it further.

Retrieving organs from children for transplant is rare, but it's particularly unusual from newborn babies. It's unheard of in those with anencephaly.

Can Elizabeth and Kenny donate the organs of their newborn baby with anencephaly, after its death? To what lengths can a team go to enable transplantation to take place?

Joan Bakewell and her panel discuss the issues.

Producer: Beth Eastwood.

SAT 23:00 Round Britain Quiz (b049y9pd)
(10/12)

In what way might a Dickensian cricket match have provided inspiration for Lindisfarne and J.K. Rowling?

Tom Sutcliffe asks the panellists to ponder this, and plenty of other cryptic puzzles, in the latest contest between the North of England and Scotland. Diana Collocott and Adele Geras of the North will be hoping to repeat the defeat they inflicted last time they encountered the Scots. Val McDermid and Roddy Lumsden. Knowledge of music, literature, mythology and popular culture will all be handy in tackling today's batch of convoluted questions.

As always, some of the questions have been drawn from the stack of brilliant ideas provided by RBQ listeners in recent months.

Producer: Paul Bajoria.

SAT 23:30 The Verse That Stings (b049xtk0)

Ian Hislop celebrates the sharp, deflating barbs of Alexander Pope and the 18th Century satirists, 300 years since the publication of *The Rape of the Lock*.

Ian first came across Alexander Pope, Jonathan Swift and the poems of the 18th Century Scriblerus club at school and later studied them at university. He was struck by these rude, offensive and funny poems about the government, the aristocracy and the machinations of power.

As the editor of the satirical magazine *Private Eye*, Ian views a direct line between his work and Pope's biting satire. Pope and his circle of literary friends debated how offensive their satires should be and whether or not to name and shame subjects.

Ian meets Armando Iannucci, the creator of television satires including *The Thick Of It* and *Veep*, who compares the rhythms of Alexander Pope's couplets to the comedian's perfect punch line.

Ian visits Hampton Court Palace, the setting of the long poem that made Pope's name, *The Rape of The Lock*. Professor Judith Hawley of Royal Holloway University, helps uncover its true story of a trivial confrontation between two leading Catholics of the time.

Professor Edith Hall of Kings College London describes how Pope and the Scriblerians were in awe of Juvenal, Rome's most vitriolic satirist. And Christopher Reid, author of *Six Bad Poets* a farce in verse about London's literary establishment, explains

why some poets are reluctant to write satires today.

Producer: Paul Smith
A Just Radio production for BBC Radio 4.

SUNDAY 27 JULY 2014

SUN 00:00 Midnight News (b04bj9js)

The latest national and international news from BBC Radio 4. Followed by Weather.

SUN 00:30 The Food of Love (b01kjlhr)

The Lovely Miss What's-Her-Face

In this series of monologues exploring the link between food and memory, poignant domestic dramas gradually unfold through the preparation of a special recipe.

In this story, 'The Lovely Miss What's-Her-Face' by Kevin Barry, winner of the 2012 Sunday Times short story award, an insurance clerk of a certain age recreates the exotic spaghetti bolognese he cooked for the lass in the typing pool, on his last romantic date - some 30 years before...

Kevin Barry's first novel, 'City of Bohane', was shortlisted for the Costa first novel award, and a previous short story collection, 'There Are Little Kingdoms', won the Rooney prize for Irish Literature.

Read by: David Schofield
Producer: Justine Willett.

SUN 00:48 Shipping Forecast (b04bj9jv)

The latest shipping forecast.

SUN 01:00 Selection of BBC World Service Programmes (b04bj9jx)

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SUN 05:20 Shipping Forecast (b04bj9jz)

The latest shipping forecast.

SUN 05:30 News Briefing (b04bj9k1)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b04bmd37)

St Mary the Virgin, Bowdon

The bells of St. Mary the Virgin in Bowdon, Cheshire.

SUN 05:45 Profile (b04bj8j3)

[Repeat of broadcast at 19:00 on Saturday]

SUN 06:00 News Headlines (b04bj9k3)

The latest national and international news.

SUN 06:05 Something Understood (b04bmd39)

Translation

Mark Tully negotiates the challenges, pitfalls and delights of translating ideas, emotions and even music, into different languages, cultures and forms of expression.

In literature, he draws from the writing of Salman Rushdie who regards himself as having been translated from India to the English-speaking world: a physical translation which greatly affects his literary translations of Indian themes.

In music, Mark plays variations on, or musical translations of, Paganini's *Caprice 24* by artists as diverse as Benny Goodman and Sergei Rachmaninov.

And in poetry he borrows the wisdom of Rainer Maria Rilke who said "Translation is the purest procedure by which poetic skill can be realised"; and of Ted Hughes who wrote that bringing poets together, in translation, gives us hope that the various nations of the world will eventually, "make a working synthesis of their ferocious contradictions".

The readers are Polly Frame, John McAndrew and Frank Stirling.

The producer is Adam Fowler and it is a Unique production for BBC Radio 4.

SUN 06:35 Living World (b04bmd3c)

Turks and Caicos Islands: The Pygmy Boa Constrictor

The Living World is a natural history strand that revels in rich encounter, immersion in the natural world and warm, enthusiastic story telling.

As boa constrictors go the Caicos Islands pygmy is unlikely to frighten even the most committed herpetophobe. It may belong to the same family as the South American anaconda, but at 25cm long the pygmy (or dwarf) boa is small enough to be gobbled up by house mice. The island of North Caicos 200 miles east of Cuba is one of the last large undeveloped islands in the Caribbean. Amongst the ruins of a slave plantation a healthy population of pygmy boa is watched over by local naturalist Bryan Naqqi Manco. At dusk in the crumbling plasterwork of the plantation well it's easy to spot the heads of these endemic snakes poking out, waiting patiently for baby frogs and tiny geckos to hop into range.

In the first of two programmes from the Turks and Caicos Islands Tom Heap joins Bryan for a night safari. In the tropical dry forest of Wade's Green Plantation they find tailless whip scorpions, contemplate the Milky Way and enjoy the astonishing chorus of katydids and tree frogs.

Presented by Tom Heap
Produced by Alasdair Cross.

SUN 06:57 Weather (b04bj9k5)

The latest weather forecast.

SUN 07:00 News and Papers (b04bj9k7)

The latest news headlines. Including a look at the papers.

SUN 07:10 Sunday (b04bmd3f)

Gaza, Iraqi Christians, Pompeii of the north

As diplomatic efforts continue to negotiate a ceasefire between Israel and Gaza, Oliver McTernan, Director of Forward Thinking describes the mood of the discussions he has been conducting in the region.

There's a drive by African and Caribbean church leaders in the UK to encourage more black people to be politically and socially active. Bob Walker reports on why, for decades, this issue has proved such a struggle.

In a continuing series on the religious responses to WW1 Rahul Tandon reports on the thousands of Sikhs who went to fight and looks at how they are remembered today.

Christians in Iraq are facing increasing danger. Last week ISIS gave Christians in Mosul an ultimatum to leave, pay a tax or convert to Islam. BBC Correspondent Jiyar Gol is just back from Iraq and Archbishop Toma Dawod tells Edward why he is frustrated by the slow response to this crisis.

Excavations at a Roman site in County Durham have revealed the 'Pompeii of the North' according to archaeologists. Dr David Petts explains what these findings show about Christianity in Roman Britain.

We review of the latest statistics from the National Catholic Safeguarding Commission and ask why there has been an increase in the number of parishes without a representative in place to monitor child safety.

The Pope and the Dalai Lama have millions of Twitter followers leaving the Archbishop of Canterbury trailing with around 60,000. Vicky Beeching gives Edward some tips to help the Archbishop boost his online flock.

Producers
David Cook
Zaffar Iqbal

Editor
Amanda Hancox

Contributors
Danny Sullivan
Archbishop Toma Dawod
Dr David Petts
Oliver McTernan
Vicky Beeching.

SUN 07:55 Radio 4 Appeal (b04bmd3h)

The Passage

David Dimpleby presents The Radio 4 Appeal for homeless charity The Passage. The Passage is the operating name of Passage 2000, registered charity number 1079764.

To Give:
- Freephone 0800 404 8144

- Freepost BBC Radio 4 Appeal, mark the back of the envelope 'The Passage'.

SUN 07:57 Weather (b04bj9k9)

The latest weather forecast.

SUN 08:00 News and Papers (b04bj9kc)

The latest news headlines. Including a look at the papers.

SUN 08:10 Sunday Worship (b04bmd3k)

From the Buxton Festival

Festival Mass in St John's Church, Buxton sung to Mozart's Missa Brevis in B flat by the Buxton Madrigal Singers with soloists from the Buxton Festival's Young Artists Programme directed by Michael Williams. The celebrant is the Rector of Buxton, the Revd John Hudghton, and the preacher is Canon Simon Taylor, Chancellor of Derby Cathedral. Organist: Roger Briscoe. Producer: Stephen Shipley.

SUN 08:48 A Point of View (b04b30m5)

Is patriotism the last refuge of the scoundrel?

Republican or royalist we all need something or someone in which to invest our loyalty. Will Self reflects on what really lies behind our sense of patriotism. In Britain we invest the idea of sovereignty in an individual, namely the Queen - or rather, it is an idealisation of who she is decoupled for the living reality. The Queen, says Will Self, is unfailingly wise, calm, pacific - a true mother of the nation; and if her Government happens to do things that are at variance with her goodness, that is only because their power is contingent upon an evanescent electoral mandate, while her shadow-power-play is founded upon time-out-of-mind heredity - and at least residually, upon the Lord's will. Patriotic Britons may be reluctant to admit to all of this, argues Self, preferring to be seen as modern and up-to-date, but if they examine their consciences carefully they're likely to concede that a discrete love-of-country object is required for full patriotic attachment.

SUN 08:58 Tweet of the Day (b0378x0n)

Rock Pipit

Tweet of the Day is a series of fascinating stories about the British birds inspired by their calls and songs.

Michaela Strachan presents the rock pipit. The sight of a greyish bird no bigger than a sparrow, at home on the highest cliffs and feeding within reach of breaking waves can come as a surprise. In spring and early summer, the male Pipits become wonderful extroverts and perform to attract a female, during which they sing loudly to compete with the sea-wash.

SUN 09:00 Broadcasting House (b04bmdf3)

Sunday morning magazine programme with news and conversation about the big stories of the week. Presented by Paddy O'Connell.

SUN 10:00 The Archers Omnibus (b04bmdf5)

Contemporary drama in a rural setting.

SUN 11:15 Desert Island Discs (b04bmdf7)

Dame Wendy Hall

Fellow of both the Royal Academy of Engineering and the Royal Society, Dame Wendy fought long and hard to prove that her type of web science was highly significant and here to stay. If algebraic topology and open hypermedia systems really aren't your thing, Dame Wendy is also in demand as a brilliant communicator on, what can seem to outsiders to be, impenetrable topics.

Her parents were from humble beginnings and it was clear from the get-go that their first born had a budding flair for numbers: aged six she was charged with teaching a group of schoolmates maths. The first in her family to go to University she rejected Cambridge, judging it "too stuffy".

She says, "I get too excited about stuff. I love my life and am passionate about web science, women in science and shopping".

Producer: Cathy Drysdale.

SUN 12:00 I'm Sorry I Haven't A Clue (b049y9pq)

Series 61

Episode 4

The antidote to panel games pays a return visit to the Assembly Hall in Worthing. Regulars Barry Cryer, Graeme Garden and

Tim Brooke-Taylor are joined on the panel by Harry Hill with Jack Dee in the chair. Colin Sell attempts piano accompaniment.

Producer - Jon Naismith.

SUN 12:32 The Food Programme (b04bmt9)

English Wine

English and Welsh wines are on the up and up, as Sheila Dillon investigates.

Wine production is well known as a risky investment, not least because it is so dependent on the weather. Many UK growers were hit very hard by the terrible summer of 2012. One of our most well known brands, Nyetimber, completely abandoned their harvest for that year. Establishing a vineyard also requires a big capital investment; one adage used to be that if you wanted to make a moderate amount of money the way to do it would be to have a large amount of money and then plant a vineyard. This may be part of the reason why the wine produced in England and Wales accounts for less than 1% of that consumed here.

Despite all of this, the acreage of vineyards in England has doubled in the last 7 years and there are some producers aiming to produce an unheard of million bottles a year. Perhaps more importantly, mentioning English or Welsh wine at a dinner table is no longer likely to attract sniggers of derision. In fact our wine production is now synonymous with quality. As UK wine producers big and small are growing in confidence, Sheila Dillon asks how they can assure their future in a risk laden business, where they are still one of the smallest players on the global market.

Producer: Sarah Langan.

SUN 12:57 Weather (b04bj9kf)

The latest weather forecast.

SUN 13:00 The World This Weekend (b04bmtpc)

Shaun Ley presents national and international news, including an in-depth look at events around the world. Email: wato@bbc.co.uk; twitter: #theworldthisweekend.

SUN 13:30 A Bombay Symphony (b04bmtpf)

India is embarking on a love affair with Western classical music. In his home-city, Mumbai, Zareer Masani encounters enthusiastic audiences for the country's first national ensemble, the Symphony Orchestra of India. Furtado's, the city's oldest music shop, sells hundreds of pianos a year. Thousands of children learn a Western instrument. Yet, Zareer discovers, this is not the total success it seems.

It's called the Symphony Orchestra of India, but only a dozen of its members are Indian. Most come from Kazakhstan. The founder-director of the SOI is unapologetic. He wants an orchestra of international standard, regardless of where the musicians come from. Others, who for decades have been nurturing Bombay's domestic musical talent, are incensed: money is going to foreign players rather than to teaching Indians. It doesn't help that the state government heavily taxes western, but not Indian, music.

Many of the pianos Furtado's sell are status symbols, chosen by interior designers to fit the drawing-rooms of the super-rich down to the last centimetre. Many students are learning to play because their parents think this will help them get into foreign universities - where they will study medicine, not music.

But Zareer discovers there is real love for western music, not just among Mumbai's elite, but also at the other end of the social spectrum. He discovers a choir of the children of sex workers happily singing in the city's dangerous red light district.

Zareer Masani considers these rich contradictions, and the implications for India's own classical music, in 'A Bombay Symphony'. As well as the arguments it captures the sounds, the music of this remarkable city, in a programme that in its structure is itself a symphony.

Producer: Julian May.

SUN 14:00 Gardeners' Question Time (b04b2wzs)

Chester Zoo

Eric Robson chairs the horticultural panel programme from Chester Zoo. Christine Walkden, Matt Biggs and Anne Swithinbank answer questions from the audience.

Produced by Howard Shannon
Assistant Producer: Darby Dorras

A Somethin' Else production for BBC Radio 4

This week's questions and answers:

Q. Why am I so unsuccessful growing Delphiniums and Hollyhocks due to slug damage when my neighbour is so successful? Is this due to differing microclimates?

A. Microclimates are incredibly local and your neighbour might be a bit more rigorous in his slug patrol.

Q. I put all my fruit and vegetable waste into a trench before I plant beans and this seems to work well. What benefits are my plants getting from this composting technique?

A. The plants are getting nutrients from the vegetable waste and the bacteria in the waste are helping to release nutrients from the soil. Some say this method of composting can be detrimental as it can affect the nitrogen levels in the soil, but generally it is very effective. You can also compost your old cotton and woollen clothes.

Q. Why has my potted Yellow Courgette developed blossom end rot?

A. Fluctuating temperatures can cause condensation, which can lead to rot. You can raise the pot on bricks to get the air circulating around the plant, but once the temperatures level out the issue should resolve itself.

Q. I think my Clematis has Clematis wilt, what can I do to save it?

A. This might not be a case of Clematis wilt, rather a case of slugs and snails. Hopefully the plant will produce new shoots, so cut the plant right down, look after the soil and keep an eye on slugs and snails. Don't put down too much feed. You could put a clay tile pipe over the stems to protect them.

Q. I've tried growing Scadoxus (Blood Lily) bulbs in pots with John Innes number two. I started them in the greenhouse in March, but they just haven't grown. What have I done wrong?

A. There is no clear reason. Perhaps this is due to the temperatures in which the bulbs were stored. It might be worth going back to the supplier and raising this issue.

Q. What plants could the panel recommend for a six-foot planter with trellis in a small yard? We are looking for something evergreen to provide all year round privacy.

A. You could go for a Trachelospermum Jasminoides (Star Jasmine), Clematis Macropetala or Clematis Alpina.

Q. Should I remove the Agapanthus plants that are growing near the foundations of my house?

A. It is unlikely that they will do any real damage to the house's foundations.

Q. How and when do we prune a Hydrangea?

A. If this is the Macrophylla Hydrangea, prune immediately after flowering or wait for the following spring when buds develop along the stems. If it's the Annabelle variety, you don't need to prune much, just remove any diseased branches. If you are looking to thin the plant, you can do so at any time over the period of three years, removing one third of the plant at a time.

Q. Any tips for a greenhouse novice?

A. Leaf Lettuce, Beetroot and Spinach can be grown as early as February and are fast growers. Put in a Peach tree. You can sow hardy winter Lettuces in August - Marvel of the Four Seasons and Black-Seeded Simpsons are good varieties. Rocket and Mizuna can also be grown for the winter, as can Physalis fruits. You can put in low raised beds. Interesting varieties of Tomatoes such as Sungold can be grown as early as July. Peppers and Chillies, French Beans and Amaranthus are good to grow in the greenhouse. It is worth keeping a diary to make a record of what grows well.

SUN 14:45 The Listening Project (b04bmtph)

Sunday Omnibus

Fi Glover introduces conversations between couples who together find the strength to make a fresh start, eliminate starvation in a small Tanzanian town, and deal with fatal illness, from Scotland, Birmingham, and Devon.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited

conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess.

SUN 15:00 Classic Serial (b04bmtpk)

Honoré de Balzac - Eugénie Grandet

Episode 1

Rose Tremain's gripping dramatisation, starring Ian McKellen, of Balzac's tragic novel revolving around Grandet, an ageing vine farmer, and his innocent young daughter Eugénie.

Monsieur Grandet, who has amassed a considerable fortune, is a miser who feigns poverty and runs his household along miserably frugal lines. All changes with the arrival of Eugénie's handsome 22-year-old cousin, Charles Grandet, from Paris. Charles has brought with him a shocking letter from his father, Guillaume, who has committed suicide. He has placed his debts and the care of his son into his brother's hands. It is a fatal decision, with ruinous consequences for the whole family.

Eugénie Grandet is considered by many to be the strongest novel in Balzac's magnificent series, *The Human Comedy*. It pits a young naive girl against the father she has worshipped and this defiance sets us on course for the playing out of a heart-rending tragedy. Like *King Lear*, Grandet is a man who deeply loves the daughter who has defied him. He has no other child, no hope, no future but her. But in Balzac's 'human comedy' the tragic and the comic exist side by side and this fruitful conjunction blossoms in Rose Tremain's enthralling adaptation.

Cello and Treble Recorder: Alison Baldwin

Original Music: Lucinda Mason Brown

Produced and directed by Gordon House

A Goldhawk Essential production for BBC Radio 4.

SUN 16:00 Open Book (b04bmtpm)

Jessie Burton and Summer Reads

This week Mariella Frostrup talks to Jessie Burton, author of one of this year's mostly eagerly awaited and acclaimed debuts, *The Miniaturist* - a tale of greed, lust and hypocrisy set in Golden Age Amsterdam.

Author and broadcaster Viv Groskop and writer Matt Haig will be guiding Mariella through the best of the beach reads this summer, as well as taking us on a tour of the great classics set around the Mediterranean.

Also in the programme, Booker-shortlisted and South African-born novelist and playwright Deborah Levy on the place where she writes.

SUN 16:27 Betjeman's Banana Blush (b04bmtpp)

Jarvis Cocker uncovers the hidden treasure Betjeman's *Banana Blush* - an album made by Sir John Betjeman in 1974. The LP featured the then Poet Laureate reading twelve poems while accompanied by music composed by Jim Parker.

Betjeman's *Banana Blush* was released on the progressive rock label Charisma - the home of Genesis, Lindisfarne and Van Der Graf Generator - and tracks from it were regularly featured on John Peel's Radio 1 programme. A Shropshire Lad was named single of the week by *New Musical Express* and the paper featured an interview with the poet.

For those reasons, the album reached an audience beyond Sir John's usual readers. Suggs from Madness fell in love with the LP: 'I first heard the album in 1979. We'd be listening to Syd Barrett. The Clash...and then *Banana Blush* would go on. It seemed equally psychedelic in its own strange way. I fell in love with it straight away.' Suggs chose 'On A Portrait Of A Deaf Man' from the album as one of his Desert Island Discs. Before working on the album, Jim Parker had been a member of Doggerel Bank, writing music to accompany the poems of William Bealby-Wright. Following Betjeman's *Banana Blush*, he wrote award-winning scores for TV series and films, including *Miss Marple*, *Moll Flanders*, *Midsomer Murders* and *Foyle's War*.

His compositions provide perfect settings for Sir John's poems, which range in subject matter from the charming innocence of *Indoor Games Near Newbury* to the deeply moving 'A Child III'. In the programme, Jim plays piano and explains how the album was made.

Producer: Kevin Howlett

A Howlett Media production for BBC Radio 4.

SUN 16:55 1914: Day by Day (b04bmvxb)

27th July

Reactions to British soldiers shooting unarmed protesters in Dublin.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch

A Somethin' Else production for BBC Radio 4.

SUN 17:00 Kurdistan: A State of Uncertainty (b049yqzj)

John McCarthy meets the Kurds of northern Iraq, a unique island of stability in a nation broken into warring fragments. He asks how a people who have been victims of abuse and atrocity for generations managed to transform their fortunes so dramatically. How did they recently gain the confidence to calmly take over the disputed city of Kirkuk and claim it as their own? And how can they avoid being sucked once more into a maelstrom of violence?

A rich cast of contributors includes Siyamand Banaa, a diplomat and former peshmerga freedom fighter; Narin Bahat who has committed her life to the cause of disadvantaged women; Yaccoub Sulleyman who, as a child, watched his parents being forced to demolish the family home; and Helly Luv, who has returned from exile to rap her way to stardom in pop music and film.

John starts his journey in the mountains that Kurds believe have shaped their destiny, by offering them protection from the greater powers that have sought to dominate them. He visits the fast-expanding regional capital Erbil, which some people call the new Dubai thanks to its access oil wealth and smart deals. He moves to the cultural capital Sulaymaniah, where he encounters the political tensions that lie just below the surface.

John discovers that internal conflicts, a political system weakened by the abuses of patronage and corruption and the inherent dangers of unpredictable forces mean that Iraqi Kurdistan's good fortune remains vulnerable. It continues to be in a state of uncertainty.

Presenter: John McCarthy

Producer: Geoff Dunlop

A Whistledown production for Radio 4.

SUN 17:40 Profile (b04bj8j3)

[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b04bj9kh)

The latest shipping forecast.

SUN 17:57 Weather (b04bj9kk)

The latest weather forecast.

SUN 18:00 Six O'Clock News (b04bj9km)

The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b04bmvxd)

Pick of the Week

The best of BBC Radio this week with Isy Suttie. In this week's Pick of the Week, Isy Suttie's thrown out a message in a bottle and had replies from an exploding toaster, a pair of miniature dogs and one in musical morse code. Hardeep Singh Kohli and Lulu take two very different trips to Glasgow, whilst over in Bristol there are tales of Spanish feathery shrimps and twitching oysters. Add to all that exploding teacakes, unusual popcorn, tiny bits of marzipan and hulking bowls of pasta and you have this week's/tomorrow's/this evening's Pick of the Week. So

pack your picnic blanket, leave the Frisbee at home, and listen.

Peter and the Wolf (Radio 4 Extra, 21st July)

Passing On (Radio Wales, 25th July)

With Great Pleasure (Radio 4, 24th July)

The Bottom Line (Radio 4, 26th July)

The Pursuits of Darleen Fyles (Radio 4, 21st July)

Kohli's Caledonian Commonwealth (Radio 2, 23rd July)

Lulu's Musical Map of Glasgow (Radio 2, 21st July)

Hatch, Match and Dispatch: Nine Lives (Radio 4, 23rd July)

Stories from the Southern Cross (Radio 4, 25th July)

Book at Bedtime: The Miniaturist (Radio 4, All-Week)

In Touch (Radio 4, 22nd July)

Call You and Yours (Radio 4, 22nd July)

Roots Reggae and Rebellion (Radio 4, 22nd July)

Word of Mouth (Radio 4, 22nd July)

Prom8: Pet Shop Boys (Radio 3, 23rd July)

SUN 19:00 The Archers (b04bmvxg)

There's a buzz around today's fete, with Kirstie Allsopp on hand to open proceedings. Fallon's awestruck by her heroine - the 'queen of upcycling'. Impressed Kirstie encourages Fallon to open her own tea room in Ambridge.

Kirstie's also impressed by Lilian's knitting. Keen to get out of her demo, Lilian fakes a wrist injury, but suspicious Lynda puts her on the spot with a knitting query from Nic. Lilian has to confess to innocent Nic that she hasn't got a clue.

David and Jill have produced t-shirts and postcards for the SAVE campaign, and Josh and Phoebe are editing the video from the walk around the proposed Route B. Jill's asking people to write to their local MP, but PC Burns is careful not to take sides.

Jill enjoyed seeing Carol Tregorran - sad that it had to be at a funeral. She wonders how things had been in recent years between Carol and John.

The fete is raising money for armed forces charities, in memory of WW1. Lynda points out to Kirstie the real and present danger of the new road. Kirstie's keen to support the anti Route B brigade, promising to use her social media profile. Charlie lavishly entertains the editor and photographer from the *Borchester Echo* turn up. David wonders what the press will make of today's event.

SUN 19:15 John Shuttleworth's Lounge Music (b04bmvxj)

Series 1

Toyah Willcox

Aspiring singer/songwriter John Shuttleworth has been posting audio cassettes of his 'finest songs to date' to pop stars throughout the land, in the hope that someone would record his material. But all to no avail.

However, the BBC has very kindly given John a series and asked him to invite pop stars to bring their music to his Sheffield home. So it is that Chas and Dave, Heaven 17, Toyah Willcox and Lee John find themselves in John's lounge having tea with wife Mary, being flirted with by Mary's friend Joan and hassled by John's agent Ken Worthington, as they try and perform not only one their greatest hits but more importantly, one of John's.

This week Mary is not happy as John has invited Toyah Willcox to the lounge and she's worried that Toyah will live up to her wild 80's image and wreak havoc in the house. So, as Mary busies herself hiding the valuables and even the pillows in case Toyah throws them around and spreads feathers everywhere, John has to keep Toyah entertained in the garden. How will he explain all this to Toyah, who is expecting to sing in the lounge?

Also Gordon Giltrap tells John how to make his songs commercial in 'Top Tips on the Telephone' and, hopefully, there's Ken in the Conservatory.

Written and Performed by Graham Fellows with special guests Toyah Willcox and Gordon Giltrap.

Producer: Dawn Ellis

A Chic Ken production for BBC Radio 4.

SUN 19:45 The Empire Cafe (b04bmvxl)

The Business of Tea

The first of three brand new stories to mark the Commonwealth Games in Glasgow, from writers taking part in the city's Empire Cafe. Writers Kei Miller, Jackie Kay, and Fred D'Aguiar turn their attention to some of the products of Empire and the Atlantic slave trade. The Empire Cafe is a commonwealth themed cafe and literary venue opening specially for the Games period, run by award-winning thriller writer Louise Welsh.

Each story will focus on one product of Empire -

Kei Miller kicks off our series with a clever and multilayered story drawing together themes of slavery, Glasgow's Empire past in Jamaica and the most traditional of British drinks, tea. Kei Miller is a Jamaican poet and fiction writer based in Glasgow. He was nominated for the Commonwealth Writers Prize for Best First book. His recent poetry collection *The Cartographer Tries to Map a Way to Zion* is shortlisted for the 2014 Forward Prize for Best Collection.

The series will continue with Jackie Kay who has chosen ginger, playfully weaving in connections between Scotland and the Caribbean in a story set in Saint Kitts. Finally Fred D'Aguiar's 'Black Gold' brings us back to Glasgow with a slave brought back to Scotland in a story that looks to sugar.

The authors will be reading at the Empire Cafe in the Briggait in Glasgow's Merchant City (where the merchants would have kept look out for their ships docking with goods from the commonwealth and sent an assistant running to greet them).

Produced by Allegra McIlroy.

SUN 20:00 Feedback (b04b2wzz)

Last weekend many radio listeners were looking forward to catching up on all the programmes they'd missed during the week using the BBC iPlayer. But they found programmes were mysteriously unavailable. In some cases they remained so until Monday afternoon. What went wrong and should the BBC have done more to communicate about the problem? Roger Bolton speaks to the BBC's Mark Friend, the Controller for Radio and Music Multiplatform.

The panellists on this week's Moral Maze had no problems communicating - in fact, many listeners felt they came across all too loud and clear. Feedback received complaints about the overly combative atmosphere during a debate on 'Just War and Gaza'. Roger asks the programme's producer Phil Pegum whether the moral complexities of the argument were drowned out by what one listener described as "childish squabbling".

What makes a great radio double-act? Feedback visits the Test Match Special commentary box to find out what makes the apparently fractious duo of Geoffrey Boycott and Jonathan Agnew tick.

The BBC published its annual report this week which showed that viewing and listening figures were dropping, particularly among young people. And accusations of South-East bias reared their head again, which comes as no surprise to some of our listeners.

Also - there's the Twitter phenomenon started by a Feedback listener - #EatTalky.

Producer: Will Yates.

A Whistledown production for BBC Radio 4.

SUN 20:30 Last Word (b04b2wzx)

James Garner, Joep Lange, Alan Alan, Philip Wayne, Dora Bryan

On Last Word this week:

James Garner, the film and television actor who starred in *Maverick* and the *Rockford Files*...

The Dutch physician, Joep Lange, who's regarded as one of the world's top clinical AIDS researchers....

Alan Alan, an escapologist described as Britain's answer to Houdini....

Philip Wayne, a naturalist who's credited with saving the otter from extinction in England....

And the Bafta award winning actress, Dora Bryan, whose career embraced the stage, screen and television.

SUN 21:00 Face the Facts (b049z4x2)

Charity's New Mission?: Do More, Say Less

Gagging clauses, threats of closure and self-censorship imposed through fear of losing funding - John Waite investigates claims by leading figures in the charity sector that they are being silenced. He hears of a "chilling effect" as voluntary organisations fear for their future if they dare to speak out

about local or central government policy. Others, however, tell John that more needs to be done to limit political campaigning and that charities need to concentrate more on helping directly, those in need.

Assistant Producer: Natalie Goldwater

Producer: Joe Kent

Editor: Andrew Smith.

SUN 21:26 Radio 4 Appeal (b04bmd3h)

[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b049y9pz)

Thrifty Debtors

The downturn's made everyone worry more about money. But while we may want to be thrifter, Chris Bowlby discovers why we're stuck with high levels of personal and household debt. Credit has become a way of life and new technology makes it ever more accessible. We know we ought to save more for, say, old age, but pensions seem distant and a dodgy investment, while the government and others are desperate to encourage revived consumer spending. Borrowing to buy houses seems to many the best financial bet. Is there an alternative approach out there?

A wide range of voices from different communities explore the mixture of hard financial fact, psychology and morality that's shaped our financial behaviour in such a turbulent few years.

Producer: Chris Bowlby

Editor: Hugh Levinson.

SUN 22:00 Westminster Hour (b04bmvxn)

Weekly political discussion and analysis with MPs, experts and commentators.

SUN 22:45 What the Papers Say (b04bmvxq)

Dennis Sewell of the Spectator looks at how newspapers covered the week's big stories.

SUN 23:00 1914: Day by Day (b04bmvxs)

1914: Day by Day - Omnibus

Episode 4

Austria-Hungary delivers its ultimatum to Serbia. Meanwhile British attention is diverted by the threat of civil war in Ireland. In France the nation is gripped by a sensational murder trial.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch

A Somethin' Else production for BBC Radio 4.

SUN 23:30 Something Understood (b04bmd39)

[Repeat of broadcast at 06:05 today]

MONDAY 28 JULY 2014

MON 00:00 Midnight News (b04bj9lk)

The latest national and international news from BBC Radio 4. Followed by Weather.

MON 00:15 Thinking Allowed (b049z7x7)

Dalit Parties and Democratisation in Tamil Nadu; History of the Elevator

Elevators - a cultural history. Before skyscrapers transformed

the urban landscape a new conveyance made them possible. The elevator, invented in New York in the 1850s, became a factor of metropolitan modernity on both sides of the Atlantic - forever in motion and reflecting the intimacy, as well as the anonymity, of capitalist cities. Laurie Taylor talks to Andreas Bernard, Visiting Professor of Cultural Studies at Leuphana University of Lüneburg, and author of a new book which explores the origins & meaning of the 'lift'. Also, Hugo Gorrings, Senior Lecturer in Sociology at the University of Edinburgh, discusses his study of political militants in India who move into mainstream electoral politics.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b04bmd37)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b04bj9lm)

The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b04bj9lp)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b04bj9lr)

The latest shipping forecast.

MON 05:30 News Briefing (b04bj9lt)

The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b04bmxm8)

A spiritual comment and prayer to begin the day with Alison Murdoch.

MON 05:45 Farming Today (b04bmxmb)

Harvest, New Zealand Lamb

Harvest is in full flow around the UK and all of this week Farming Today will be looking at what farmers are bringing in from the fields and what it's going to be worth to them. Jack Watts from the Agriculture and Horticulture Development Board tells Farming Today where we are at with the harvest so far and why prices will be low. And Caz Graham speaks to Steve Francis from Fen Peas in Lincolnshire about why the warm days and nights have meant it's been even more of a race against the clock for the pea vinters.

New Zealand sheep farmers have hit back against the British and Welsh farmers who have been protesting against supermarkets stocking New Zealand lamb during this, the prime season for lamb produced in the UK. Caz Graham speaks to Rick Powdrell from the Federated Farmers of New Zealand.

Presented by Caz Graham and produced by Lucy Bickerton.

MON 05:56 Weather (b04bj9lw)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b02tnw4)

Herring Gull

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the herring gull.

Herring gulls now regularly breed inland and that's because of the way we deal with our refuse. Since the Clean Air Acts of 1956 banned the burning of refuse at rubbish tips, the birds have been able to cash in on the food that we reject: And our throwaway society has provided them a varied menu. We've also built reservoirs around our towns on which they roost, and we've provided them with flat roofs which make perfect nest sites.

MON 06:00 Today (b04bmxnn)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

MON 09:00 Playing the Skyline (b04bmxnq)

Series 1

Cumnock and Ben Wyvis

On old nautical charts as well as the bird's eye view there is often a coastal profile - the outline of the land seen from the point of view of a sailor approaching it. Radio producer Julian May was struck by the musicality of these, the undulations of hills are melodic, the spacing of landmarks - trees, church spires

- rhythmic. Musicians could, he thought, take the line dividing sky from land, place it on manuscript paper, and play the skyline.

Half a dozen prominent musicians are intrigued by this, including jazz musician Courtney Pine, Anna Meredith, who was commissioned to create a piece for the Last Night of the Proms, Welsh pianist Gwilym Simcock and Kizzy Crawford eighteen, of Bajan heritage, a singer and songwriter at home in English and Welsh.

For Radio 4 Tim Marlow presents three programmes, in England, Wales and Scotland, in which two musicians look at the skyline, talk about their initial responses, then create a piece of music each - playing their skyline. He hears how they are getting along then the musicians, Tim (and Radio 4's listeners) hear for the finished pieces, and consider what they have made.

This final programme bucks the format somewhat to reflect the cultural realities of Scotland - lowland/highland, rural/industrial and Gaelic/English (or Scots). So James MacMillan plays, with help from local schoolchildren and musicians from the BBC Scottish Symphony Orchestra, the skyline Cumnock, the pit village in Ayrshire where he spent his childhood. Julie Fowlis, drawing on Gaelic poetry, traces in music the skyline of Ben Wyvis in Easter Ross.

Producers: Benedict Warren and Julian May.

MON 09:30 World Agony (b04bmz8s)
Australia

Irma Kurtz, Cosmopolitan magazine's Agony Aunt for over 40 years, talks to a different agony aunt from around the world for each programme in this series.

She speaks to Aunts from America, India, Australia, Egypt and South Africa, and reflects on the universal and contrasting problems that occur in their particular society. These Aunts, many of whom have dramatic personal lives themselves, offer advice in newspaper columns, on radio phone-ins and on-line.

Irma draws on her ample experience to offer a useful perspective on their approach to problem solving. Together they discuss the problems specific to their communities and listeners hear examples of some of the letters they receive and the advice given.

Programme 3: Kate de Brito, Australia

Kate de Brito writes her advice blog 'Ask Bossy' for the news.com.au website. Her strap line reads 'Got a question? Ask Bossy. It's the advice your friends and relatives are probably too polite to give.' And Kate, who is one of the few agony aunts with qualifications in counselling and psychotherapy, does indeed give practical and clear-sighted advice. The two agony aunts discuss attitudes to gender differences in Australia, problems concerning the aboriginal community, and the importance of referring serious issues on for specialised counselling.

Produced by Romni Davis
A White Pebble Media production for BBC Radio 4.

MON 09:45 Book of the Week (b04bmz8v)
Cold Blood

Episode 1

Read by Robert Powell.

As a boy, Richard Kerridge found refuge in the wilderness of suburban England whose reptilian inhabitants were wondrously untameable. His often troubled and turbulent relationship with his father formed the backdrop to his adventures with neighbourhood friends as they scoured local parks and streams for newts, frogs, toads, lizards, and the ultimate prize - snakes.

What might it be like to be cold blooded, to sleep through the winter, to shed your skin, and taste wafting chemicals on your tongue? Do toads feel a sense of danger as the wheels of a car approach? What exactly is an 'alien' species?

Kerridge has continued to ask these questions during a lifetime of fascinated study and countless expeditions.

Weaving startling nuggets of research (e.g. fewer than 5% of toads reach adulthood) with elements of history and folklore, the author has also created his personal emotional map of a lifelong relationship with these often unloved and overlooked creatures.

Episode 1: Eight year old Richard catches his first newt.

Abridged, produced and directed by Jill Waters
A Waters Company production for BBC Radio 4.

MON 10:00 Woman's Hour (b04bmz8x)

Woman's Hour in Scotland

Is the independence referendum an issue for women? Jane Garvey visits the Anne Rowling Regenerative Neurology Clinic at Edinburgh University to find out about the strong links being forged between patient care and research. She speaks to Professor Siddharthan Chandran, Neurology Research Nurse Dawn Lyle and Isla, a patient at the clinic. And composer Sally Beamish on how Scotland has inspired her music.

Presented by Jane Garvey
Produced by Jane Thurlow.

MON 10:45 15 Minute Drama (b04bmz8z)
Queens of Noise: Get It On

Episode 1

It's 1989. All-girl band Velvetens are high on champagne and excitement as they sign their first record deal. Are they on the road to be wannabe flops or Top of the Pops?

Music industry veterans Louise Wener and Roy Boulter draw on their experiences to tell the story of a young band about to get their big break.

Back in 2012, BBC Radio 2 broadcast a pilot music drama 'Shout to the Top', the brainchild of the station's Head of Music, Jeff Smith. Writers Roy Boulter (drummer with The Farm) and Louise Wener (ex-Sleeper) came on board to ensure that the drama was founded on a genuine knowledge of the music business. Taking care of the music were successful producers Brian Rawling (Bowie, Kylie, Cher, Craig David, One Direction and more) and Marky Bates (Faithless, Dido).

And so were born Velvetens, an all-girl band desperate to make it in the days before the digital revolution changed the music business forever.

Migrating to BBC Radio 4, this series picks up the story as the band signs to a major record company. Now sharing a flat and with only pennies in their pockets, the three young band members embark on a roller coaster ride on the road to who-knows-where. Calling the shots is their new manager, Sam Shephurst.

Sylvie Samantha Robinson
Beth Anneika Rose
Rain Hannah Arterton
Sam Joe Absalom
Christy Clare Corbett
Alec Damian Lynch
Richard Matthew Watson

Music directors: Brian Rawling and Marky Bates

Director: Toby Swift

First broadcast on BBC Radio 4 in July 2014.

MON 11:00 The Singing Fish of Batticaloa (b04bn086)

"It is said to be heard the clearest on a full moon night... One has to go by boat, plunge an oar into the water, put the other end of the oar to one's ear, and listen..."

Since the 18th century, Tamil fishermen have claimed to navigate by the mysterious music of the singing fish of the Batticaloa lagoon in eastern Sri Lanka. The fishermen's ancient name for the creature is oorie coolooroo cradoo (crying shells); scientists believe that the underwater choristers are some kind of fish. But, after thirty years of civil war and the ravages of the tsunami, does any evidence of this strange nocturnal chorus remain?

Restrictions and curfews made it impossible to visit the lagoon at night and locals, suffering the deprivation of a bitter conflict, had other priorities. The people of Batticaloa became disconnected from this ancient cultural symbol. Very few have heard the aquatic music, and many believe it's a myth.

But for Father Lorio, a Jesuit priest present at one of the earliest recordings of the phenomenon made using a homemade hydrophone in the 1950s, the singing fish are the soundtrack to sixty years of profound turmoil and change he's witnessed in the region. And for Prince Casinader, a Tamil journalist in his eighties, there's the belief that they could bring a sense of community and hope to his hometown.

Now a group of young Tamil scientists have joined the effort to rediscover this lost symbol. Guided by local fishermen, they embark on an unusual odyssey into the muddy lagoon to capture a new recording and establish if this elusive watery wonder has survived to enchant another generation with its song.

With music composed by Adam Nicholas.

Producers: Cicely Fell & Kannan Arunasalam

A Falling Tree production first broadcast on BBC Radio 4 in July 2014.

MON 11:30 Bad Salsa (b04bn088)
Series 1

The Shorefest Redemption

After treatment for Ovarian and breast cancer Chippy, is mad, Jill is sad and Terri is definitely dangerous to know! The road back after cancer treatment can be tricky and full of obstacles.

In 'Bad Salsa', two middle aged women and their younger friend seek to regain their zest for life and love by learning to dance at Bad Salsa, the club where everyone knows your name but no-one knows your prognosis!

Depictions of people with cancer on TV and radio too often follow a standard format; there is the diagnosis, the depression the chemo, then the false recovery followed by the tragic death.

Bad Salsa tries to paint a picture at once more hopeful and more in line with survival rates which have improved immensely over the past 20 years.

For many, 'living with cancer' is now their day to day challenge. The characters in the series have finished their treatment and are in the process of finding their way back to normal life or at least finding a "new normal." As in the real world, the challenges of everyday life go on for our characters; like us they have boring marriages, distracting crushes, troublesome children, difficult workmates and infuriating parents, but unlike us their brush with mortality has given them a new perspective.

The fun and excitement of the series is in watching them decide to preserve the pre-cancer status quo or in Terri's words, to say "sod it all" and "go for it!"

Follow the women as they embrace the world of salsa whilst they adjust to life after cancer.

MON 12:00 You and Yours (b04bn08b)
Timeshare deals that last a lifetime and beyond

Important news for people who have been trapped in Timeshare deals that last a lifetime and beyond. Plus, the first in our series revisiting the Portas towns.
Producer: John Neal
Presenter: Winifred Robinson.

MON 12:57 Weather (b04bj9ly)
The latest weather forecast.

MON 13:00 World at One (b04bn08d)
Edward Stourton presents national and international news.

MON 13:45 Plants: From Roots to Riches (b04bn08g)
Taming the Exotic

To the Victorians the Amazonian water lily was more than just a plant. The adventure of finding this exotic piece of the Empire and getting it to grow on home soil involved horticultural ambition, scientific vision and fierce competition amongst the country's wealthy landowners.

Prof Kathy Willis hears about the race during the 1840s between Kew's director William Hooker and the Duke of Derbyshire's gardener Joseph Paxton to get the aquatic lily to flower. Historian and biographer Kate Colquhoun examines how the plant's exacting requirements demanded an entirely new approach to horticultural architecture, engineering and management of water and heat.

Lara Jewett, manager of Kew's tropical house, and Greg Redwood, head of Kew's glasshouses, explain why this voracious feeder and aquatic beauty still proves a challenge to cultivate today.

But botanists were quick to make the connection between repeating modular-like structures on the underside of the lily's leaf and the possibilities of new engineering design, which as Jim Endersby explains, was to inspire the use of essential giant greenhouses to cultivate food in soot laden cities, and for Joseph Paxton to ultimately create the greatest glasshouse ever built - Crystal Palace.

Producer Adrian Washbourne.

MON 14:00 The Archers (b04bmvxg)
[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Drama (b01dvz7)

TS Eliot - The Waste Land

Eileen Atkins and Jeremy Irons read The Waste Land by T.S.Eliot introduced by Dr Rowan Williams former Archbishop of Canterbury, Jackie Kay, Matthew Hollis and Sean O'Brien

The Waste Land by T. S. Eliot is arguably one of the most important poems of the 20th century . In 1921, Eliot took leave from his job in a bank for a break in Margate with his wife, Vivienne Haigh-Wood Eliot. Here he began working on the poem. The Eliots travelled on to Paris where they were guests of the poet Ezra Pound. Eliot was en route to Lausanne, Switzerland, for treatment for his nervous disorder by Doctor Roger Vittoz whilst Vivien remained at a sanatorium just outside Paris. In Lausanne, Eliot produced a longer version of the poem . Pound then made detailed editorial comments and significant cuts to the manuscript. Eliot later dedicated the poem to Pound.

Eliot originally considered titling the poem He do the Police in Different Voices - a phrase taken from Charles Dickens' novel Our Mutual Friend. This would help the reader to understand that, while there are many different voices in the poem, some critics believe there is only one central consciousness.

In the end, the title Eliot chose was The Waste Land. In his first note to the poem he attributes the title to Jessie L. Weston's book on the Grail legend, From Ritual to Romance. The allusion is to the wounding of the Fisher King and the subsequent sterility of his lands.

MON 15:00 Round Britain Quiz (b04bn08j)

(11/12)

Tom Sutcliffe is in the chair and the teams from Scotland and the South of England are in the spotlight, as the contest of cryptic connections reaches the penultimate match of the series.

Roddy Lumsden and Val McDermid play for Scotland, while Marcel Berlins and Fred Housego represent the South of England. Last time these teams encountered one another the Scots won convincingly, so the pressure is on the Southerners to turn the tables if they're to achieve a respectable finish on the RBQ league table for 2014.

As usual a knowledge of literature, history, music, geography, the natural world and popular culture will all be helpful to the teams in unravelling the programme's trademark convoluted puzzles. Some of the best are drawn from the mailbox of suggestions received from RBQ listeners in recent months.

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b04bmt9)

[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 The Art of the Nation (b04bn0gm)

War

Most of the nation's greatest works of art are in our museums and galleries, but there are also thousands of significant works - some valuable, some not - in homes across the country.

BBC Arts Editor Will Gompertz discovers extraordinary stories behind the art-works on our domestic walls, and the tales they tell about our nation - an unwritten biography charting up and down, highs and lows.

In this edition, Will focuses on art and war. There's the tale of the shipwrecked sailor, who turned to painting. Trude remembers her father, who perished in Auschwitz, through the only item left from her former home in Czechoslovakia - a large 19th century oil painting, an allegory of Jewish oppression.

Or there is the small stone with tiny carvings on it, owned by Nazrin who spent eight years in an Iranian jail. The stone was carved by a fellow inmate, who gave it to her as a token of affection, even though she could have been put to death for doing so. And there are paintings of Charles II and Lord Montagu, once arch enemies who ended up as allies, and an image of World War One battle-field, painted on the day that war ended. All are kept in domestic settings, and all have a story to tell.

Producer Neil George.

MON 16:30 The Infinite Monkey Cage (b04bn0gp)

Series 10

Can Science Save Us?

Can Science Save Us?

Brian Cox and Robin Ince are joined on stage by Stephen Fry,

Eric Idle, chemist and Pro-Vice-Chancellor of Sheffield University, Professor Tony Ryan, and University of London solar scientist, Dr Lucie Green, as they ask: "can science save us?" They'll be looking at some of the fantastic ideas at the very forefront of science and technology that are being looked at to help in tackling some of the biggest challenges facing our planet, from climate change, to feeding our ever expanding global population.

MON 16:55 1914: Day by Day (b04bn0lf)

28th July

Austria-Hungary declares war on Serbia.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch
A Somethin' Else production for BBC Radio 4.

MON 17:00 PM (b04bn28c)

Eddie Mair presents coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b04bj9m0)

The latest national and international news from BBC Radio 4.

MON 18:30 I'm Sorry I Haven't A Clue (b04bn28f)

Series 61

Episode 5

The godfather of all panel shows pays a visit to Bradford's St George's Hall. Old-timers Barry Cryer, Graeme Garden and Tim Brooke-Taylor are joined on the panel by Andy Hamilton, with Jack Dee in the chair. Colin Sell accompanies on the piano.

Producer - Jon Naismith.

MON 19:00 The Archers (b04bn28h)

"An artist is never poor"... Jennifer feels inspired by the film Babette's Feast as she prepares for her kitchen warming party. Identifying with the self-sacrifice of the heroine, Jennifer plans her own feast for her friends and Borchester's great and good - canapés and finger food for 80. Jennifer reflects on the power of Babette's food to alleviate old village squabbles and long running feuds.

Fallon's flat is overflowing. She needs a workshop. Alice offers to set up a website for her. Fallon's feeling positive as she prepares to leave Jaxx. She has had some enquiries and very encouraging feedback from her new friend Kirstie Allsopp. But a teashop in Ambridge may just be a pipedream.

Ruth and David proudly view Josh and Phoebe's film "This Ambridge". The film will go on the SAVE website. David has a quick break to call Adam to check when he'll be starting on their wheat.

Watching the film, Lynda regrets her flowing dress, which seems to resemble a bell tent. But more importantly, she spots something significant. She doesn't explain what, but the campaign could be at a turning point.

MON 19:15 Front Row (b04bn28k)

Gareth Malone and Adrian Sutton, Neil Bartlett, In the Club

Gareth Malone and Adrian Sutton discuss Sunday's Prom which takes World War One as its theme. Gareth's Military Wives choir will be performing and Adrian Sutton talks about his War Horse Suite which he's composed from his score for the original theatre production. Bel Mooney reviews In The Club, a new BBC drama series written and directed by Kay Mellor, which

follows the lives of a group of friends who have met at an antenatal class. Neil Bartlett talks about his latest novel The Disappearance Boy, set in the world of 1950s Variety. And poet Michael Symmons Roberts chooses three poems that evoke summer for him.

MON 19:45 15 Minute Drama (b04bmz8z)

[Repeat of broadcast at 10:45 today]

MON 20:00 Document (b04bn28m)

The Palme Assassination

In the first of the new series of Document, Gordon Corera travels to Stockholm to investigate theories about the 1986 assassination of Swedish Prime Minister Olof Palme.

He begins with newly-discovered documents written by the late novelist and investigator of the far-right, Stieg Larsson.

But the trail leads him to the role of various secret services, to questions about elements of the Stockholm police, to South African dirty tricks, and ultimately back to Britain, where he makes a surprising discovery.

Producer: Phil Tinline.

MON 20:30 Crossing Continents (b04cssl)

Tornado Hide and Seek

When a twisting funnel drops from the sky with tearing winds of up to 500 km/h, what do you do? In Oklahoma, people thought they knew the answer. The state is in the heart of tornado alley in the USA, where the public is regularly drilled on storm awareness. But when the largest storm ever recorded formed on the outskirts of Oklahoma City last year, people ignored the best advice and nearly died in their thousands. Now, officials are nervously watching where the next storm will form...and trying to figure what people will do when it does. Neal Razzell goes out and about with the storm chasers in Oklahoma City.

MON 21:00 Shared Planet (b049yhcx)

Zoos in the Wild

As more land is developed for industry and housing or converted to produce food the areas we have fenced off for nature are increasingly important. But are the worlds nature reserves essentially made into a fortress to protect the area from development able to function on their own, or do they need constant management. Are they "zoos in the wild". Monty Don hears from Hluhluwe-iMfolozi Park in South Africa, the reserve that helped replenish Southern Africa's white rhinoceros population and finds out whether size really does matter for our protected areas.

MON 21:30 Playing the Skyline (b04bmxnq)

[Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b04bj9m2)

The latest weather forecast.

MON 22:00 The World Tonight (b04bn2xz)

Libya Government plea for help after fighting causes huge oil blaze, Ukraine forces take back plane crash site, China gay activists hope for rights ruling, with Carolyn Quinn.

MON 22:45 Book at Bedtime (b04bn2y1)

The Miniaturist

Episode 6

The Miniaturist by Jessie Burton

Read by : Emilia Fox

On a cold autumn day in 1686, eighteen-year-old Nella Oortman arrives in Amsterdam to begin a new life as the wife of the Dutch East India Company's most successful merchant trader : Johannes Brandt. But her lavishly furnished new home is not welcoming, and its inhabitants seem preoccupied with their own secrets. Johannes is kind yet distant, always locked in his study or at his warehouse office which leaves Nella isolated in the grand house on the canal with his sister, the sharp-tongued Marin and Otto and Cornelia their servants as company.

Nella's world changes when Johannes presents her with an extraordinary wedding gift: a cabinet-sized replica of their home. To furnish her gift, Nella engages the services of a miniaturist, an elusive and enigmatic artist whose tiny and intricate creations mirror their real-life counterparts in eerie

and unexpected ways.

But as she starts to receive unexpected and unasked for items for her 'toy house' Nella becomes aware that the Brandt household contains unusual secrets and she begins to understand - and fear- the escalating dangers that await them all. In this repressively pious society conformity is all. Neighbours are encouraged to spy on each other, excavating 'the canker' of sin. The packages from the mysterious miniaturist begin to reveal chillingly prophetic objects but Nella remains at a loss as to what they all mean.

Ep. 6 Whilst Johannes is in Venice an unwelcome visitor arrives at the Brandt household.

Producer: JILL WATERS
Abridged by Isobel Creed and directed by Jill Waters
A Waters Company production for BBC Radio 4

MON 23:00 Word of Mouth (b049yjwt)
Message in a Bottle

Chris Ledgard uncorks the subject of message in a bottle.

Sending a message in a bottle across the ocean to be rediscovered by someone in a far off land is an idea as old as Ancient Greece. Christopher Columbus did it, Jules Verne wrote about it and The Police sang that song. There's romance and adventure in the endless possibilities of interacting with the unknown.

As Chris explores the oblique and whimsical nature of this form of communication he hears modern day stories about people who have been saved by sending out an SOS, formed friendships across the water and found scientific value in the pastime.

However, amongst the tide of approval for this historical tradition a dissenting voice lurks.

Produced by Stephen Garner

MON 23:30 Today in Parliament (b04bn2y3)

The House of Lords considers the situation in South Sudan and the governance of schools. The former Commons Speaker Lady Boothroyd tells peers the Leader of the House of Lords should continue to have a full seat in Cabinet. The House of Commons is not sitting this week. Mark D'Arcy reports from Westminster.

MON 23:55 The Listening Project (b04brn30)
Hal and Natasha - Double Exposure

Fi Glover introduces a conversation about the intimacy of nude photography and how it can reveal the unexpected, proving again that it's surprising what you hear when you listen.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess.

TUESDAY 29 JULY 2014

TUE 00:00 Midnight News (b04bj9mt)

The latest national and international news from BBC Radio 4. Followed by Weather.

TUE 00:30 Book of the Week (b04bmz8v)
[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b04bj9mw)
The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b04bj9my)
BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b04bj9m0)

The latest shipping forecast.

TUE 05:30 News Briefing (b04bj9n2)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b04bnd0d)

A spiritual comment and prayer to begin the day with Alison Murdoch.

TUE 05:45 Farming Today (b04bnd0g)

Research funding, Ukrainian harvest, crop trials

The Environmental Audit committee have released their report about how the government's research in to bee decline is going. Joan Whalley MP who chairs the committee says she is concerned that the government research is being funded by pesticide companies and thinks that it will lead to bias. Nick von Westenholz from the UK Crop Protection Agency doesn't agree with the committee's funding and says it doesn't matter who pays for it, so long as research is independent.

As the Harvest gets underway in the UK, agronomist Mike Lee talks to Farming Today from the Ukrainian Russian border to report on how the unrest in the region is effecting this years grain production.

Presented by Caz Graham and produced by Ruth Sanderson.

TUE 05:58 Tweet of the Day (b02twpwl)

Kingfisher

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the kingfisher.

The Ancient Greeks knew the kingfisher as Halcyon and believed that the female built her nest on the waves, calming the seas while she brooded her eggs: hence the expression Halcyon days, which we use now for periods of tranquillity.

Kingfishers can bring in over 100 fish a day to their large broods and the resulting collection of bones and offal produces a stench that doesn't match the bird's attractive appearance.

TUE 06:00 Today (b04bnd0j)

News and current affairs. Including Sports Desk, Yesterday in Parliament, Weather, Thought for the Day.

TUE 09:00 A Law Unto Themselves (b04bnd0l)

Justice Michael Kirby

The first of a new series of conversations between barrister Helena Kennedy and some of the world's most brilliant and influential lawyers and judges.

Helena's guests have all demonstrated courage. Their willingness to campaign on human rights issues has brought them into conflict with governments and other powerful sections of society.

Her first guest is Justice Michael Kirby, the first Australian High Court judge to come out as gay and who argued forcefully, in the face of considerable opposition, for equal rights for homosexuals.

In a profession most commonly marked by conformity and deference to legal protocol, Michael became known as the "great dissenter", frequently voting against his fellow judges and doing the thing that judges are not supposed to do - expressing his personal views outside of the courtroom.

Other guests in the series include the first chief prosecutor of the International Criminal Court, Luis Moreno Ocampo, given the task of bringing some of the world's worst criminals to justice, and solicitor Gareth Peirce who has spent much of her 30 year career representing Irish and Muslim terror suspects.

Producer: Brian King
An Above The Title production for BBC Radio 4.

TUE 09:30 Witness (b04bnd0n)

The Man Who Tried to Kill Hitler

In July 1944, Colonel Claus von Stauffenberg attempted to kill Adolf Hitler by planting a briefcase bomb in a meeting at Hitler's headquarters. The attack was supposed to be the trigger for a coup against the Nazi regime. We hear from von Stauffenberg's son, General Berthold Schenk Graf von Stauffenberg.

TUE 09:45 Book of the Week (b04cgys8)

Cold Blood

Episode 2

Read by Robert Powell.

As a boy, Richard Kerridge found refuge in the wilderness of suburban England whose reptilian inhabitants were wondrously untameable. His often troubled and turbulent relationship with his father formed the backdrop to his adventures with his neighbourhood friends as they scoured local parks and streams for newts, frogs, toads, lizards, and the ultimate prize - snakes.

What might it be like to be cold blooded, to sleep through the winter, to shed your skin, and taste wafting chemicals on your tongue? Do toads feel a sense of danger as the wheels of a car approach? What exactly is an 'alien' species?

Kerridge has continued to ask these questions during a lifetime of fascinated study and countless expeditions.

Weaving startling nuggets of research (e.g. fewer than 5% of toads reach adulthood) with elements of history and folklore, the author has also created his personal emotional map of a lifelong relationship with these often unloved and overlooked creatures.

Episode 2:
Toads - real and imaginary. The temptations of anthropomorphism.

Abridged, produced and directed by Jill Waters
A Waters Company production for BBC Radio 4.

TUE 10:00 Woman's Hour (b04bnd0q)

Women in Sport

Live from BBC at the Quay during the Commonwealth Games: will Glasgow 2014 legacy bring improved equality in sport for women? We discuss with Mary Allison from Sportscotland, Fiona Hathorn from Women on Boards and Ruth Holdaway from the Women's Sport and Fitness Foundation. Eating disorders and sport: Scotland high jumper Jayne Nisbet talks about recovering from bulimia. We discuss the issue of support for athletes with consultant psychiatrist, Dr Alan Currie, Ashley Bruce from sportscoach UK, and Amanda Woodward, a runner. Playwright Aisha Zia and boxer Ambreen Sadiq talk about the play, No Guts, No Heart, No Glory part of the Edinburgh Fringe Festival. It's staged in a boxing gym and based on interviews with Muslim female boxers.

Presented by Jane Garvey
Produced by Jane Thurlow.

TUE 10:45 15 Minute Drama (b04bnd0s)
Queens of Noise: Get It On

Episode 2

After the heady excitement of last night's party to celebrate their record deal, Velvetens are back to the realities of life.

Louise Wener and Roy Boulter's story about Velvetens - an all-girl band desperate to make it in the days before the digital revolution changed the music business forever.

Sylvie Samantha Robinson
Beth Anneika Rose
Rain Hannah Arterton
Sam Joe Absolom
Joyce Jane Slavin
Stylist Jane Slavin
Richard Matthew Watson
Lucas Mark Edel-Hunt

Music directors: Brian Rawling and Marky Bates

Director: Toby Swift

First broadcast on BBC Radio 4 in July 2014.

TUE 11:00 Shared Planet (b04bnd0v)
National Parks

The term National Park can be applied to different types of areas depending on where they are situated, some have more protection for wildlife than others. In the United States the traditional National Parks such as Yellowstone or Yosemite enjoy a high level of protection with many restrictions on what people can do. Contrast that with British National Parks which are working landscapes with villages, farms and even industry.

In this week's Shared Planet Monty Don looks at where wildlife fits into this complex mix of wilderness and human activity. In

reality how do these much-loved protected areas work for wildlife? Beautiful scenery does not necessarily equal abundant wildlife. And in more human centred National parks, do our needs override those of animals and plants. In the Cairngorms National park plans are underway to build 15000 houses and Loch Lomond has given the go ahead for a gold mine. Join Monty Don to explore the relationship between wildlife and National Parks.

Produced by Mary Colwell.

TUE 11:30 Roots Reggae and Rebellion (b04bnd0x)
Episode 2

Rastafari is Jamaica's most famous export. Alongside Bob Marley - the world's most recognised Rastafarian - this cultural and spiritual movement is the enduring global image of the Caribbean island. For better or worse, the red, green and gold colours, dreadlocks, reggae music and marijuana are all closely associated with Jamaica. But what role has this spiritual movement had in forming Jamaica's soul and identity? Presented by political commentator and educator Kingslee Daley, this series examines how Rastafari turned from an ostracised religious sect into a global phenomenon. Kingslee is better known as Akala, a British poet, rapper and founder of the Hip-Hop Shakespeare Company. Born in London he was brought up immersed in Rasta culture by his Jamaican father. In these two half hour programmes, Akala travels to Jamaica to discover the cultural and sociological significance of his spiritual heritage.

Rastafari first came to prominence in 1930s Jamaica, emerging from the civil rights struggle during British colonial rule. It's a complicated synergy of the Old Testament and the teachings of pan-Africanist Marcus Garvey who predicted in the 1920s that "a black king shall be crowned in Africa" ushering in a "day of deliverance." When the Ethiopian prince Ras Tafari - who was also known as Haile Selassie I - became Emperor in 1930, the descendants of slaves in Jamaica took this as proof that Garvey's prophecy had come true. The fact that Selassie was also a pan-Africanist with black empowerment philosophies of his own only further cemented their belief. Many Rastafari believe Selassie to be the second coming of Jesus, a black Christ. But whatever the theologies surrounding Rastafari, its importance for Jamaica and for the Jamaican diaspora has gone way beyond religion.

In this final part of the series, Akala explores Rastafari's global impact after the explosion of Jamaica's Roots Reggae scene in the 1970s. The music provided a vehicle for spreading the message of Rastafari around the world, not least through the songs of musical icons like Bob Marley, Peter Tosh and Burning Spear. For young Jamaican immigrants growing up in a racist environment of 1970s London - such as Akala's father - Rastafari provided a connection back to their lost Jamaican and African heritage. Akala also visits the Bobo Hill Rasta camp in Kingston to discover modern life as a Rasta and explores whether this spiritual and cultural movement still has relevance today.

Contributors include dub poet Linton Kwesi Johnson, Professor Carolyn Cooper from the University of the West Indies, Italian Rastafarian Alborosie and the residents of the Bobo Hill Rastafari village in Kingston, Jamaica.

TUE 12:00 You and Yours (b04bndm1)
Call You and Yours: Fracking

On Call You and Yours today - would you welcome fracking near you? We'll be giving you the chance to put your questions to Francis Egan, Chief Executive of Cuadrilla, as the Government opens up the latest round of fracking applications. Fracking involves blasting water, chemicals and sand at high pressure into shale rock formations to release the gas and oil held inside. According to the government, the technology offers a chance for the UK to increase its energy independence in a volatile world. It will generate jobs, boost manufacturing and even create a windfall for local councils who can spend the money on local services. But what about traffic disruption? Is there a risk of methane being released into drinking water? And by creating a public interest clause has the government given big business a free pass to turn national parks into drill sites? We really want to hear from you if you have an exploratory drill site near you.

The phone number to call is 03 700 100 444.
E-mail youandyours@bbc.co.uk

You can text 84844, or on social media use the hashtag you and yours.

Producer: Kevin Core
Presenter: Winifred Robinson.

TUE 12:57 Weather (b04bj9n4)
The latest weather forecast.

TUE 13:00 World at One (b04bndm3)
Edward Stourton presents national and international news.

TUE 13:45 Plants: From Roots to Riches (b04bndm5)
Tapping into Rubber

Natural rubber derived from latex had long been a curiosity. When Nelson Goodyear perfected his method of vulcanisation of rubber and showcased its applications at the Great Exhibition of 1851 the possibilities now seemed endless.

But by 1860 demand was outstripping supply from Brazil. Kathy Willis examines how Kew was charged with getting seeds of this economically vital plant out of South America to germinate at Kew Gardens, and then to send seedlings off to cultivate in far flung reaches of the Empire.

The historian Emma Reisz explains how Kew acted as the international clearing house for smuggled seeds out of Brazil. Historian Jim Endersby sheds light on why Kew put its faith in one man: Henry Wickham, a travelling plant hunter with dubious botanical credentials. We hear from Mark Nesbitt, curator of Kew's economic botany collection, on how, despite rubber being recognised as an economically essential plant for the British Empire's economy, the whole business of transporting and nurturing the seedlings turned out to be a comically hit and miss affair.

Producer Adrian Washbourne.

TUE 14:00 The Archers (b04bn28h)
[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama (b008crhy)
The Sensitive

Episode 2

Alastair Jessiman's second play about a psychic who uses his gifts to help police investigations. Thomas Soutar discovers some unsettling connections.

TUE 15:00 Making History (b04bndm9)
Tom Holland is joined by Dr Hannah Skoda from the University of Oxford and the historian and biographer Dr Kate Williams.

Helen Castor joins Des Newell from Oxford Brookes University at the Peacock Gym in Canning Town, East London, to find out more about his work on eighteenth century street-fighting. In the age of the duel, what many might see as random, working-class violence was actually played out under a code of honour and was hugely important in the policing of communities before the formation of the Metropolitan Police Force.

We preview one of the big cultural events of the autumn, the British Library's celebration of the rise of Gothic literature. The exhibition is called Terror and Wonder and ties in with the 250th anniversary of Horace Walpole's The Castle of Otranto. But what was it about the 1760's that gave rise to such a powerful and enduring literary genre?

Fiona Watson reports from the Scottish Highlands on why one particular district, Lochaber, was so plagued by bandits between the 15th and 18th centuries. She's joined by Professor Allan McInnes from the University of Strathclyde who explains that the social, cultural and economic make-up of this area - as well as its geography made - for prime cattle-rustling territory.

Contact the programme by emailing making.history@bbc.co.uk, or write to Making History, BBC Radio 4, PO Box 3096, Brighton BN1 1PL

Producer: Nick Patrick
A Pier production for BBC Radio 4.

TUE 15:30 Into the Abyss (b04b1v8v)
Deep Sea Mining

The deep ocean contains extraordinary ecosystems, full of life forms found nowhere else on the planet. Some of those same habitats are unusually rich in valuable minerals. Could we and should we mine them?

Hydrothermal vent systems are one of the deep ocean habitats which have gained the interest of mining concerns. Volcanically-heated water gushes from the sea floor. The chemically-charged water sustains unique ecosystems, the like of which aren't seen anywhere else on Earth. There are gigantic worms and clams which are nourished by bacteria within their tissues - the bacteria themselves are fuelled by chemicals in the water, in the way plants on the surface use light. There are vast swarms of blind, heat-guided shrimps.

The superheated waters are also rich in metals such as copper, silver and gold which crystallise when the hot water meets the cold ocean. Great chimneys of metallic ores and rock form in

this process. The concentration of metals is typically much higher than those of terrestrial ore deposits. Mining companies are keen to exploit them if the costs of extracting them from deep beneath the waves are favourable. Given growing demand from an increasingly industrialised world, the corporations believe the profits are set to outweigh the costs. Underwater robotic bulldozers and monster sized vacuum cleaners are ready for their first deployments and operations.

Many marine biologists view these prospects with alarm. The impact of mining on hydrothermal vents and other mineral-rich deep sea habitats will destroy life in the immediate extraction areas and may cause unknown kinds and scales of damage down current and distant from mining areas. The pace of life and its rate of recovery is notoriously slow in the deep ocean. Biodiversity in this realm has barely been documented and studied.

Should we be damaging tracts of the ocean bed before we know what's there and what the wider consequences will be? On the other hand, might industrial mining deep under water be preferable environmentally and socially to mining on land where there are people as well as animals?

Rebecca Morelle and David Shukman of BBC News investigate.

Producers: Andrew Luck-Baker and Kate Stephens.

TUE 16:00 Word of Mouth (b04bng0x)
Newspeak

One of the most terrifying ideas in George Orwell's dystopian fantasy, "1984" is an entirely artificial language which the State plans to impose on the people in order, not only to control what they say, but what they think.

The premise of "Newspeak" is to pare down the English language - or Oldspeak - so that only words that are essential in both a utilitarian and an ideological sense remain.

The idea is that this will make dissenting ideas - "thoughtcrime" in Newspeak - literally impossible.

But could it work?

In Word of Mouth this week Chris Chris Ledgard tries to work out if New speak could happen here and whether, by taking away words, the government could also take away thoughts.

He gets to grips with the question of whether language determines thoughts as Orwell's invention supposes. He also finds out whether the most extreme totalitarian regimes like North Korea have attempted language control on the scale of Newspeak?

Many would argue that much political and corporate language as well as political correctness amounts to a creeping Newspeak in modern life but are we really that malleable or does the popularity of satires that mock that kind of jargon suggest Orwell was too pessimistic. We can spot attempts to impose phoney and manipulative language on to us and we ward it off with mockery.

Interviewees include: Jean Seaton, Professor of Media History at the University of Westminster and Director of the Orwell Prize, D.J Taylor, author of "Orwell - the Life" and John Morton, writer and director of the BBC mock documentary comedies, "Twenty Twelve" and "WIA".

TUE 16:30 A Good Read (b04bng0z)
Ade Adeptan and Dominic Holland

Paralympian Ade Adeptan and comedian Dominic Holland talk books with Harriett Gilbert. Books under discussion are: Sue Townsend's delicious tale of teenage angst, The Secret Diary of Adrian Mole Aged 13 3/4, In Cold Blood, Truman Capote's 'non-fiction novel' about the murders of four family members in a Kansas farmhouse in 1959 and Roddy Doyle's The Snapper, a comic portrayal of an unplanned pregnancy. Harriett and her two guests talk about the both the comedy and the poignancy to be found in novels about a working class Dublin family and a pompous teenager in 1980s Ashby de-la-Zouch. They debate the mind and motives of a psychopath and Truman Capote's views on the death penalty.
Producer Sally Heaven.

TUE 16:55 1914: Day by Day (b04br1pj)
29th July

The Kaiser sends a telegram to The Tsar to try to prevent war.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of

the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch
A Somethin' Else production for BBC Radio 4.

TUE 17:00 PM (b04brlprn)

Eddie Mair presents coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b04bj9n6)

The latest national and international news from BBC Radio 4.

TUE 18:30 Life: An Idiot's Guide (b045xxst)

Series 3

Mortality

Stephen K Amos is joined by comedians Jason Cook, Brendon Burns and Robin Ince to present a guide to mortality.

Additional material by Stephen Grant and Hugh Sington.

Produced by Colin Anderson.

First broadcast on BBC Radio 4 in 2014.

TUE 19:00 The Archers (b04brlpt)

Mike's still suffering with his back. He has had to cancel tree work and Jazzer has handed back Mike's milk round. "I'll live", Mike tells a chipper but concerned Fallon.

Roy is convinced that Elizabeth is keeping him in his place after 'what happened'. Elizabeth apologises for making Roy wait on people at the funeral party. She didn't mean to offend him. Elizabeth and PC Burns flirt mildly while discussing Loxfest security and Burns' singing role with the Midnight Walkers. They help Fallon get the lie of the land for her tea tent at Loxfest.

Jealous Roy calls Elizabeth away on a trivial pretext - the SAVE film, which irritated Elizabeth declines to put on the Lower Loxley website. They have to be neutral.

Alice is building a website for Fallon's business. Burns suggests she replace her old camper with a vintage van - how about a Morris 1000?

Roy finds Mike asleep in his car, knackered. Mike admits that Vicky's at the end of her tether with unsettled Bethany. Father and son wonder what all their efforts are in aid of.

TUE 19:15 Front Row (b04brlpw)

A Streetcar Named Desire Review; Daniel Hope and Gabriel Prokofiev; Crime Writing; Summer Pop

Gillian Anderson stars in a new production of A Streetcar Named Desire at the Young Vic Theatre in London, which Matt Wolf reviews. Composer Gabriel Prokofiev and violinist Daniel Hope discuss their collaboration for tonight's Prom which features the world premiere of Gabriel's Violin Concerto 1914. Kate Mossman evokes the pop songs that conjure up summer. And the crime reporters who turn to crime novel-writing: Laura Lippman, former crime reporter at the Baltimore Sun and David Mark, former crime reporter at the Yorkshire Evening Post, discuss how their new careers in crime fiction have been influenced by their former trade.

TUE 19:45 15 Minute Drama (b04bnd0s)

[Repeat of broadcast at 10:45 today]

TUE 20:00 Trick or Trust (b04brlq0)

How much does an understanding of evolutionary biology influence policy-makers at the sharp end of government? Quite a lot, according to Times columnist and former Downing Street advisor, Daniel Finkelstein. He's seen how the latest scientific research into our genes and how we behave sheds light on the delicate interplay of trust, reciprocity and deception in human affairs. Now he explores how that could shape political decision-making on issues like welfare reform, immigration and what should be done about bankers' pay.

TUE 20:40 In Touch (b04brlq2)

Conducting a Choir when Blind

Victoria Oruwari, Liz Hargest and Kate Risdon are all professional musicians. Earlier this month, they took part in a course run by the RNIB to learn some of the techniques for conducting a choir. They then tried out their newly acquired skills on the London Youth Choir at the Wigmore Hall. We brought them together for a post-mortem after the course.

James King has retinitis pigmentosa and runs his own business building garden rooms in peoples' homes. Reporter Tom Walker went to meet James on site, to find out how he manages to stay afloat in such a visual and aesthetic industry.

Producer: Lee Kumutat

Image: Peter with (L to R) Kate Risdon, Liz Hargest, Victoria Oruwari

TUE 21:00 Inside Health (b04brlq6)

Back pain and paracetamol, blood thinning drugs, drug driving, kidney stones

Mark Porter investigates a new research trial which shows that paracetamol doesn't help back pain. And why are blood thinning drugs being overused in NHS hospitals? New laws on limits for driving on prescribed drugs come into force in March 2015. Which prescription drugs are included and what does it mean for people taking them? Also in the programme, can any medications help get rid of kidney stones?

TUE 21:30 A Law Unto Themselves (b04bnd0l)

[Repeat of broadcast at 09:00 today]

TUE 22:00 The World Tonight (b04brlq8)

The EU imposes new sanctions on Russia; the conflict in Gaza intensifies; and Kosovan organ trafficking in the 1990s.

With Carolyn Quinn.

TUE 22:45 Book at Bedtime (b04brlqd)

The Miniaturist

Episode 7

The Miniaturist by Jessie Burton

Read by : Emilia Fox

On a cold autumn day in 1686, eighteen-year-old Nella Oortman arrives in Amsterdam to begin a new life as the wife of the Dutch East India Company's most successful merchant trader : Johannes Brandt. But her lavishly furnished new home is not welcoming, and its inhabitants seem preoccupied with their own secrets. Johannes is kind yet distant, always locked in his study or at his warehouse office which leaves Nella isolated in the grand house on the canal with his sister, the sharp-tongued Marin and Otto and Cornelia their servants as company.

Nella's world changes when Johannes presents her with an extraordinary wedding gift: a cabinet-sized replica of their home. To furnish her gift, Nella engages the services of a miniaturist, an elusive and enigmatic artist whose tiny and intricate creations mirror their real-life counterparts in eerie and unexpected ways.

But as she starts to receive unexpected and unasked for items for her 'toy house' Nella becomes aware that the Brandt household contains unusual secrets and she begins to understand - and fear- the escalating dangers that await them all. In this repressively pious society conformity is all. Neighbours are encouraged to spy on each other, excavating 'the canker' of sin. The packages from the mysterious miniaturist begin to reveal chillingly prophetic objects but Nella remains at a loss as to what they all mean.

Ep.7. Nella discovers Marin's secret, but does she fully understand its implications ?

Producer: JILL WATERS
Abridged by Isobel Creed and directed by Jill Waters
A Waters Company production for BBC Radio 4

TUE 23:00 The Infinite Monkey Cage (b04bn0gp)

[Repeat of broadcast at 16:30 on Monday]

TUE 23:30 Today in Parliament (b04brlqj)

Sean Curran reports from Westminster.

TUE 23:55 The Listening Project (b04brn3w)

Edward and Ben - A Working Relationship

Fi Glover introduces a conversation about what you should retain and what you need to change when you take over the family business from your father.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess.

WEDNESDAY 30 JULY 2014

WED 00:00 Midnight News (b04bj9ny)

The latest national and international news from BBC Radio 4. Followed by Weather.

WED 00:30 Book of the Week (b04cgyx8)

[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b04bj9p0)

The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes (b04bj9p2)

BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b04bj9p4)

The latest shipping forecast.

WED 05:30 News Briefing (b04bj9p6)

The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b04brxsm)

A spiritual comment and prayer to begin the day with Alison Murdoch.

WED 05:45 Farming Today (b04brjq5)

Rural tourism VAT, Powdered milk, Maris Otter barley

Britain's tourism industry is uniting today to call for a cut to VAT for their sector. The 'Cut Tourism VAT' campaign will present research to the government later today. They say their findings show that a drop from 20% to 5% could generate a four billion pound windfall and 120,000 jobs. Farming Today visits a farmhouse B&B to find out how a reduction would benefit rural tourism.

Sales of skimmed milk powder from the EU have reached a new record this year. This is partly down to increased production and an increasing demand from countries such as Algeria and China. Caz Graham speaks to a Senior Global Dairy Analyst at Rabobank about this increasing market and where UK dairy farmers stand on it.

And Farming Today continues to look at this year's harvest. Anna Hill finds out about Maris Otter barley, which is grown specifically for the real ale trade.

Presented by Caz Graham and produced by Lucy Bickerton.

WED 05:58 Tweet of the Day (b02tws57)

Cirl Bunting

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the cirl bunting.

Cirl buntings are related to yellowhammers and look rather like them, but the male cirl bunting has a black throat and a greenish chest-band.

Their rattling song may evoke memories of warm dry hillides in France or Italy. Cirl buntings are Mediterranean bird s more at home in olive groves than chilly English hedgerows. Here at the north-western edge of their range, most of our cirl buntings

live near the coast in south Devon where they breed in hedgerows on farmland .

WED 06:00 Today (b04brj7x)

Morning news and current affairs. Including Sports Desk. Yesterday in Parliament, Weather and Thought for the Day.

WED 09:00 The Long View (b04brj7z)

Through the prism of history, Jonathan Freedland considers our attitudes towards young people who volunteer to fight in foreign wars.

Producer: Mohini Patel.

WED 09:30 Publishing Lives (b03bs759)

Series 1

Harold Macmillan

As the digital revolution shakes publishing to its foundations, writer and former publisher Robert McCrum explores how Harold Macmillan, the publishing Prime Minister, mixed politics with business.

Harold Macmillan was always a publisher and a politician. In both lives, he was a showman, an operator, and an inveterate reader. Print was in his DNA and books were his business. As a Conservative Prime Minister, he was also a successful publisher with the firm that carried his name.

The firm was founded in 1843 by two outsiders. Brothers Daniel and Alexander Macmillan were Scottish crofters. It's a story whose romantic undertones always stirred Harold Macmillan's love of a good tale.

Under Harold, Macmillan would become a publishing empire with a worldwide reach. As Prime Minister, Macmillan gave independence to Britain's African colonies. Officially, he was letting go. As a publisher, however, he was doing lucrative deals to secure the company's future. Simultaneously with decolonisation, Macmillan oversaw an ambitious expansion programme for the family firm. Macmillan remains one of the largest publishers in the world, operating in over seventy countries.

Today, the digital revolution has made publishing truly global. A world without borders, largely de-coupled from its colonial past. Publishers can now reach new markets across the English-speaking world at the click of a mouse, in a way Harold Macmillan could only dream of.

Robert meets Harold Macmillan's grandson, Lord Stockton, as well as experts in literature and publishing, to discuss the wily publishing Prime Minister.

Produced by Melissa FitzGerald
A Blakeway production for BBC Radio 4.

WED 09:45 Book of the Week (b04cgzhc)

Cold Blood

Episode 3

Read by Robert Powell.

As a boy, Richard Kerridge found refuge in the wilderness of suburban England whose reptilian inhabitants were wondrously untameable. His often troubled and turbulent relationship with his father formed the backdrop to his adventures with neighbourhood friends as they scoured local parks and streams for newts, frogs, toads, lizards, and the ultimate prize - snakes.

What might it be like to be cold blooded, to sleep through the winter, to shed your skin, and taste wafting chemicals on your tongue? Do toads feel a sense of danger as the wheels of a car approach? What exactly is an 'alien' species?

Kerridge has continued to ask these questions during a lifetime of fascinated study and countless expeditions.

Weaving startling nuggets of research (e.g. fewer than 5% of toads reach adulthood) with elements of history and folklore, the author has also created his personal emotional map of a lifelong relationship with these often unloved and overlooked creatures.

Episode 3:

Tensions at home are released by a lizard hunt.

Abridged, produced and directed by Jill Waters
A Waters Company production for BBC Radio 4.

WED 10:00 Woman's Hour (b04brj9f)

Margaret Atwood; Cook the Perfect Dal and East London

Suffragettes

From our archive Margaret Atwood talks about the Handmaid's Tale. How relevant is the novel 30 years after it was published? Should attacks on sex workers be treated as hate crimes? We look at the Merseyside approach. Meera Sodha Cooks the Perfect dal. And as a Festival to celebrate 100 years since Sylvia Pankhurst established the the East London Federation of Suffragettes we look at her legacy for the women of the area.

Presenter Jenni Murray
Producer Kirsty Starkey.

WED 10:45 15 Minute Drama (b04brjb4)

Queens of Noise: Get It On

Episode 3

Songwriter Beth has been hanging out with the lead singer of rival band The Radicals. Now she's pushing to dump the planned debut single and record her new song.

Roy Boulter and Louise Wener's story about Velvetens - an all-girl band desperate to make it in the days before the digital revolution changed the music business forever.

Beth Anneika Rose
Sylvie Samantha Robinson
Rain Hannah Arterton
Sam Joe Absalom
Richard Matthew Watson
Mike Michael Bertenshaw
Alec Damian Lynch

Music directors: Brian Rawling and Marky Bates

Director: Toby Swift

First broadcast on BBC Radio 4 in July 2014.

WED 11:00 The Georgians: Restraint, Revolution and Reform (b04brjnr)

Episode 2

In the final part of a series examining the political impact of the Georgian era, Amanda Foreman looks at politics on the ground as she considers the structures of British life that created both control and freedom. She asks why Britain experienced political evolution, not revolution.

In 1832 the British political elite voluntarily chose to weaken its own power for the first and only time in history. This was the result of the Reform Act, which added 130 new seats to Parliament and almost doubled the number of people able to vote in general elections.

While riot and rebellion was rife and often met with violent backlash from those in power, Amanda argues that the Georgian elites placed emphasis on freedom through a strengthening of the apparatus of control in politics and the law and that ordinary people could exercise political influence even without the vote.

Meeting radicals in Newcastle and evangelical conservatives in the Mendip hills, Amanda examines how the ordinary disenfranchised man and woman increasingly invested in politics and civic life through a combination of local-level political interaction, seemingly non-political actions such as philanthropy, and direct rebellion - thereby avoiding heads on sticks and, instead, transforming how the elected related to the people.

The series examines the formative years of British politics when the most important structures of British life we value and recognise today were established - and all in the shadow of revolution. It paints a picture of the Georgian legacy, one where decadence and scandal takes a backseat to proto-democracy and social reform.

Producer: Katherine Godfrey
A Whistledown production for Radio 4.

WED 11:30 The Gobetweens (b01kl20n)

Series 2

Happy Father's Day

Mark Bonnar and Sarah Alexander star as the exes determined to be double- not single-parents and bring their kids up together apart.

But Lucy has noticed the difference between her affluent mum, a children's fiction writer, and her broke dad who has just started a new job with Your Pets Painted in the Afterlife.com. She figures her dad he needs a proper Father's Day present, and her tuba has served it's purpose of getting her into that good

state school where she doesn't get bricks thrown at her head. So why not take a visit to the pawn shop?

Her mum Mimi's young life was blighted by a no-show actor dad but she has fibbed to her kids, telling them her missing magical dad suffered from Drmmesia. When Tom discovers his granddad is starring in a stool-softening advert he invites him to visit. Won't his mum be delighted?

Director: Marilyn Imrie
Producer: Gordon Kennedy
An Absolutely Production for BBC Radio 4.

WED 12:00 You and Yours (b04brjzx)

Cheap Chicken; Portas Towns; Driverless Cars

The new national competition to find the towns and cities where you'll see driverless cars on public roads next year

We reveal what trading standards officers found when they went looking for evidence of an old-fashioned food fraud where extra water is secretly added to raw chicken.

And we report live from Stockton-on-Tees to see how Mary Portas helped its high street.

Presenter: Winifred Robinson
Producer: Jon Douglas.

WED 12:30 Face the Facts (b04brjzz)

Prostitution: Red Light? Green Light?

John Waite investigates the varying approaches to street prostitution across the UK - from open tolerance in some areas to zero tolerance in others. Eight years ago five women were murdered in Ipswich while working as prostitutes. It was a wake-up call for how the sex industry is policed across the country. But with critics now saying that policing tactics contributed to yet another murder of a prostitute in London recently - what has really changed?

Producer: Paul Waters
Research: Craig Lewis
Editor: Gavin Poncia.

WED 13:00 World at One (b04brl1z)

Edward Stourton presents national and international news.

WED 13:45 Plants: From Roots to Riches (b04brl21)

Orchidmania

Orchids are big business. Today over £5m of orchid hybrids are imported as cut flowers into the UK each year. For the Victorians orchids were the chosen ornaments of royalty and captured the 19th century fascination with scientific oddity and imperial conquest.

Prof Kathy Willis explores how orchids, one of the planet's most diverse family of plants, mesmerised Victorian devotees and became not only trophy plants of the rich but also a scientific tool to promote a new theory of evolution. The study of orchids also paved the way for cultivation of exotics for all.

Lara Jewitt tours the orchid glasshouses at Kew where over 3000 species are cultivated, and explains the biology unique to orchids that fuels interest for both scientists and plant lovers.

Darwin was fascinated with these rare and precious plants. Their unique pollination mechanisms helped back up his new evolutionary theory based upon natural selection. As historian Jim Endersby reveals, the delicate orchid was to play a part in getting botany a seat at the top table of scientific respectability.

Even in the 1850s, Kew's director Joseph Hooker had expressed concern about the damage orchid hunters were inflicting on the wild population. Whilst today many species remain endangered, V Sarasan, head of Kew's Conservation Biotechnology Unit, reveals how new conservation efforts in some of the most orchid species-rich areas of Madagascar are helping to successfully reintroduce endangered members of this vast but vulnerable flowering family back into the wild.

Producer Adrian Washbourne.

WED 14:00 The Archers (b04brlpt)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b04brn3h)

Hatch, Match and Dispatch

Elephants All the Way Up by Lavinia Murray

Harper works in a zoo. He is a simple soul but his life is complicated.

His wife is desperate for a baby, and his angry dad is a bare knuckle boxer. Then the ground starts to shift - literally.

Last of a series of linked plays that start in a Register Office and end in either a birth, a marriage or a death.

Harper.....Graeme Hawley
Yolanda.....Kate Coogan
Dad.....Seamus O'Neill
Carlos.....Chris Jack
Arlo/Turtle.....Lloyd Peters
Grayson/Turtle.....Malcolm Raeburn
Woman/Turtle.....Lisa Allen

Surreal comedy written by Lavinia Murray

Directed by Gary Brown.

A BBC Cymru Wales production first broadcast on BBC Radio 4 in 2014.

WED 15:00 Money Box (b04bj7py)
[Repeat of broadcast at 12:00 on Saturday]

WED 15:30 Inside Health (b04brlq6)
[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b04brn4l)
Non-Networking Graduates; Race and Consumption

Race & consumption - Laurie Taylor talks to Ben Pitcher, Senior Lecturer at the University of Westminster, about the ways in which racial meaning is produced in everyday acts of consumption. From the depiction of 'red Indians' by children's authors to the wearing of Bob Marley T shirts and the enthusiasm for 'ethnic' street food; our ideas of race are made and re-made across the terrain of contemporary culture. They're joined by Lola Young, Crossbench Peer and former Professor of Cultural Studies at the University of Middlesex. Also, Jessica Abrahams, graduate student at the University of Cardiff, explores working class students' refusal to use networks and contacts as a route to career advancement.

Producer: Jayne Egerton.

WED 16:30 The Media Show (b04brn4n)
A House of Lords report says that The European Court of Justice's demand for internet search engines to respect individuals', "right to be forgotten" is unworkable. The ECJ ruled in May that links to data should be erased on request, which has led to Google receiving more than 70,000 applications. Emma Barnett talks to Lord John Sharkey who sits on the committee which authored the report, and asks UK Information Commissioner Christopher Graham, who would adjudicate on requests rejected by search engines, how he will assess whether individuals will have a, 'right to be forgotten'.

The BBC wants to close BBC Three as a broadcast TV channel in autumn 2015 and move it online. It comes at a time when the BBC is being urged to tackle its declining reach among young viewers and black, Asian and minority ethnic audiences. Whilst the plans still have to be approved by the BBC Trust, viewer Jono Read is so concerned he has started a petition to Save BBC3. Emma Barnett talks to him, and Natt Tapley, a comedy writer and performer who has written for the channel.

Regional TV station London Live has applied to Ofcom to reduce its commitment to local programming. It wants to air just one hour of local programming during the prime time evening slot, compared to the current three. London Live says it's because it's not pulling in as much advertising revenue as it had hoped. Nigel Dacre, the Chair of the Local TV Network, explains why some stations may want to revisit their programming commitments, whilst columnist Roy Greenslade says London Live's application proves that local TV isn't working.

Producer: Katy Takatsuki.

WED 16:55 1914: Day by Day (b04cgesh)
30th July

The Tsar orders a full mobilisation of the Russian army.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914

including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch
A Somethin' Else production for BBC Radio 4.

WED 17:00 PM (b04brn4q)
Coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b04bj9p8)
The latest national and international news from BBC Radio 4.

WED 18:30 Dead Ringers (b04brr99)
Series 12

Episode 1

After a rest of 7 years, the classic, award winning impressions show is back with a new cast of characters.

No one will be safe from the merciless parodies, as the show takes down every programme, institution and politician you hold dear.

Starring Jon Culshaw, Jan Ravens, Duncan Wisbey, Lewis MacLeod, Debra Stevenson.

Producer: Bill Dare.

WED 19:00 The Archers (b04brr9c)
Susan's disgruntled at supposedly not being invited to Jennifer's party. Shula unintentionally rubs it in, saying she'll need a new outfit as the whole county seems to be going. Dan's doing well at Sandhurst, He's made some good friends, particularly one character known as 'Ears'.

Lynda is impressed by Josh and Phoebe's "This Ambridge" film. Lynda's awaiting some news which could be of great value to the SAVE campaign. The film shows off what would be damaged by the route. Now that Susan's Twitter-savvy, she has seen Lynda's tweet. She plans to watch the film, which Jennifer has put on the village website.

David and Shula read an online comment quoting a moving Wordsworth poem: "...getting and spending, we lay waste our powers..." The fete stall did well, raising nearly £400. David mentions needing help from lawyers, conservation consultants and environmental experts - ideally on a pro bono basis. Ruth will talk to Usha.

Elizabeth has a bombshell for Roy. Concerned about his workload, she's going to bring in a temporary assistant manager.

Lynda has wonderful news. The film showed a very rare Brown Hairstreak butterfly in Starley's Copse. This could be the breakthrough they need for the anti-Route B campaign.

WED 19:15 Front Row (b04br9ff)
Adrian Dunbar, Tasmin Little, Mood Indigo, Katie Paterson

Line of Duty's Adrian Dunbar discusses directing Samuel Beckett's 1982 one-act play Catastrophe at the Happy Days Enniskillen International Beckett Festival; violinist Tasmin Little selects her sounds of the summer; Jenny McCartney reviews Michel Gondry's new film Mood Indigo starring Audrey Tautou, and artist Katie Paterson on her ambitious project to send a meteorite back into space.

Producer: Jerome Weatherald
Image Credit: Brian O'Neill.

WED 19:45 15 Minute Drama (b04brjb4)
[Repeat of broadcast at 10:45 today]

WED 20:00 Moral Maze (b04brrgt)
Politics, personality and principle

The general election is not until next May, but already the major parties have started their campaigns to win our vote. This weekend Ed Miliband admitted he looks a bit like Wallace of Wallace and Gromit fame and he isn't going to win any prizes in a bacon buttie eating beauty pageant. And Prime Minister

David Cameron has had a cabinet reshuffle and it seems cleared out anyone who his pollsters tell him are unpopular with the electorate - even his long term friend and political ally Michael Gove was a victim. Good knock about stuff of course, but it is this what politics has descended to? Have old fashioned virtues like policy and principle been sacrificed to focus groups, image and negative campaigning? Principles may make you feel pious, but they're not necessarily going to get you elected. As Stanley Baldwin said "I would rather be an opportunist and float than go to the bottom with my principles around my neck." Are we being too hard on pragmatism? When it comes to politics you could argue that pragmatism is not only democratic, but also moral. How far should politicians temper their policies and principles in order to win and retain power? Is negative campaigning wrong? Is exposing the weaknesses of the other side a moral responsibility and negative campaigning only works if it strikes a chord? Or is this campaigning unfair, corrosive and infantilising of the electorate. Moral Maze - Presented by Michael Buerk

Panelists: Matthew Taylor, Giles Fraser, Claire Fox and Jill Kirby.
Witnesses: Matthew Parris, Dan Hodges, Dr. Darren Lilleker and Lesley Abdela.

Produced by Phil Pegum.

WED 20:45 Four Thought (b04csb0h)
Series 4

Adjoa Andoh

Actor Adjoa Andoh's son sensed from a very young age that although he inhabits the body of a girl, he was born a boy. "In the imperfect language we have to describe people," she says, "we call him transgender."
Adjoa talks movingly about raising a transgender child, and about what really defines who we are or who we might become. "In too many places today," she says, "and in too many ways, we suffocate our true potential selves at birth."
Four Thought is a series of thought-provoking talks in which speakers air their thinking on the trends, ideas, interests and passions that affect culture and society in front of a live audience.
Presenter: Ben Hammersley
Producers: Mike Wendling and Smita Patel.

WED 21:00 The Bronze Age Man of Jodrell Bank (b043x86j)
Writer, Alan Garner lives in a medieval building on a Bronze Age site, within a mile of the Jodrell Bank radio telescope.

Alan explains how this has inspired his writing for over 50 years. He describes how it gives him a unique sense of place, and a perspective on the passage of time reflected in his book trilogy, and which first propelled him to fame with the children's classic fantasy story, The Weirdstone of Brisingamen in 1957.

Martin Goodman, Professor of Creative Writing at Hull University, visits Jodrell Bank with Garner to find out more about the timeline the author traces from the Bronze Age artifacts found around his home, through to the contemporary exploration of space which the telescope undertakes today. Garner takes inspiration from making these connections and expresses them through his fantasy stories.

Goodman also re-visits the locations which make Garner's books so memorable by heading to Alderley Edge - an outcrop of rock in Cheshire, with dramatic views of the Pennines. The physical features of this landscape, such as stones and hidden places have been given a mythical dimension by Garner, who explains how the Edge has cast a spell over him since his childhood.

Producer: Philip Reeve

A City Broadcasting production for BBC Radio 4, first broadcast in May 2014.

WED 21:30 The Long View (b04brj7z)
[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b04bj9pb)
The latest weather forecast.

WED 22:00 The World Tonight (b04brrgy)
Death toll rises as UN school and market struck in Gaza. Public opinion in Israel remains behind the war. How prepared is the UK to prevent Ebola. With Carolyn Quinn.

WED 22:45 Book at Bedtime (b04brmc)
The Miniaturist

Episode 8

The Miniaturist by Jessie Burton

Read by : Emilia Fox

On a cold autumn day in 1686, eighteen-year-old Nella Oortman arrives in Amsterdam to begin a new life as the wife of the Dutch East India Company's most successful merchant trader : Johannes Brandt. But her lavishly furnished new home is not welcoming, and its inhabitants seem preoccupied with their own secrets. Johannes is kind yet distant, always locked in his study or at his warehouse office which leaves Nella isolated in the grand house on the canal with his sister, the sharp-tongued Marin and Otto and Cornelia their servants as company.

Nella's world changes when Johannes presents her with an extraordinary wedding gift: a cabinet-sized replica of their home. To furnish her gift, Nella engages the services of a miniaturist, an elusive and enigmatic artist whose tiny and intricate creations mirror their real-life counterparts in eerie and unexpected ways.

But as she starts to receive unexpected and unasked for items for her 'toy house' Nella becomes aware that the Brandt household contains unusual secrets and she begins to understand - and fear- the escalating dangers that await them all. In this repressively pious society conformity is all. Neighbours are encouraged to spy on each other, excavating 'the canker' of sin. The packages from the mysterious miniaturist begin to reveal chillingly prophetic objects but Nella remains at a loss as to what they all mean.

Ep8. With Johannes under arrest it falls to Nella to do what she can to sell the warehouse full of sugar before it rots.

Producer: Jill Waters

Abridged by Isobel Creed and directed by Jill Waters

A Waters Company production for BBC Radio 4

WED 23:00 The Future of Radio (b04brtpp)

Series 1

Sweet Smell of Success

What is the future of radio? In a world of digital overload can the public be expected to just listen to something without any pictures? Is the radio era over? The Institute of Radiophonic Evolution (IRE), based in South Mimms, is working hard to give radio a bright future.

Their secret work is revealed in these programmes which draw on conference calls, voice notes and life-logs, to tell a compelling and strange story of the technological lengths to which the researchers will go to keep radio relevant.

Instead of just adding pictures, the lab is working on ways to transmit smells, vibrations, and 3D images, as well as a way of putting radio into listeners' very brains!

It sounds impossible, but the IRE boffins believe in making the impossible audible. And that's their motto.

Each week a jiffy bag of sound files arrives at the BBC. We listen to the contents to discover what backroom boffins Luke Mournie and Professor Trish Baldock (ably assisted by Shelley – on work experience) have been up to.

In this week's episode, they discover that radio can transmit smells and use them to enhance the output of the Radio Drama Department.

Luke William Beck
Trish Emma Kilbey
Shelley Lizzy Watts
Felix David Brett
with Joan Walker and Chris Stanton

Pianist: Mike Woolley

Written by Jerome Vincent and Stephen Dinsdale

Producer David Blount

A Pier production for BBC Radio 4 first broadcast in July 2014.

WED 23:15 Little Lifetimes by Jenny Eclair (b04brs9j)

Series 1

Fifteen Minutes to Landing

by Jenny Eclair

The first of a series of stories set in real time as six very different women share their secrets. A couple experience severe turbulence on a flight but it turns out to be not nearly as bumpy

as their marriage.

Produced by Sally Avens.

WED 23:30 Today in Parliament (b04brvjc)

Susan Hulme reports on the House of Lords's last day before its long summer break. Peers debate same sex marriage laws, curbs on judicial review and the healing power of music.

Editor: Peter Mulligan.

WED 23:55 The Listening Project (b04brvjf)

William and Elizabeth - Finding Love in Orkney

Fi Glover introduces a couple who moved to Orkney as business partners and now reflect on how they fell in love with the remote islands and with each other, proving again that it's surprising what you hear when you listen.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess

THURSDAY 31 JULY 2014**THU 00:00 Midnight News (b04bj9q5)**

The latest national and international news from BBC Radio 4. Followed by Weather.

THU 00:30 Book of the Week (b04cgzhc)

[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b04bj9q7)

The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b04bj9q9)

BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b04bj9qc)

The latest shipping forecast.

THU 05:30 News Briefing (b04bj9qf)

The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b04brpdc)

A spiritual comment and prayer to begin the day with Alison Murdoch.

THU 05:45 Farming Today (b04brpdf)

Apple Harvest, Black Grass, Sheep Event

The apples are early! Growers in the south of England have started harvesting the Discovery variety - about a month earlier than last year. Caz Graham speaks to Adrian Barlow, chief executive of English Apples and Pears Ltd, about the "colossal revival" in the English apple industry and why pears, sadly, aren't enjoying the same fortunes.

The sunshine continues in some parts of the country and so does our special week of reports on the UK harvest, which seems to be going great guns. However, farmers are facing another threat to their crops - a weed called 'black grass'. It's becoming an ever increasing problem for cereal growers, and earlier in the summer Rothamsted Research, along with other academic institutes, launched a project to survey black grass resistance across the UK.

Although more prominent in the eastern counties they'll be testing samples of black grass in all areas. Richard Butler farms in Wiltshire, he's taking part in the survey and he's been telling our reporter Lucy Bickerton about how he manages the weed.

And the key players in the sheep industry have been setting out their vision for the sector at a big gathering in Worcestershire. More than ten thousand people attended the National Sheep

Association's 'Sheep Event' at the Three Counties Showground. Caz Graham chats to the NSA's chief executive Phil Stocker about issues on the agenda. Presented by Caz Graham and produced by Anna Jones.

THU 05:58 Tweet of the Day (b02tx0s5)

Spotted flycatcher

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the spotted flycatcher.

Spotted flycatchers may be rather plain-looking but they're full of character and they often nest in our gardens. The first sign that one's about may be a pale shape darting out from a tree to pluck a fly in mid-air with an audible snap of its bill.

THU 06:00 Today (b04brpdh)

Morning news and current affairs. Including Sports Desk, Yesterday in Parliament, Weather and Thought for the Day.

THU 09:00 Inside the Ethics Committee (b04brpdk)

Series 10

Treating Patients with Dementia

Modern medicine has succeeded in treating many of the diseases that kill us and, as a result, people are living longer.

However, as we get older and become more frail decisions have to be made about when to treat the ailments that crop up.

This becomes particularly challenging when a person can't make the decision for themselves, like those with advanced dementia.

Jean is in her eighties and is getting increasingly frail. Each ailment brings another admission to hospital. When should a treatment be given that will prolong her life, and when should it be withheld so that nature can take its course?

Joan Bakewell and her panel discuss the issues.

Producer: Beth Eastwood.

THU 09:45 Book of the Week (b04ch156)

Cold Blood

Episode 4

Read by Robert Powell.

As a boy, Richard Kerridge found refuge in the wilderness of suburban England whose reptilian inhabitants were wondrously untameable. His often troubled and turbulent relationship with his father formed the backdrop to his adventures with neighbourhood friends as they scoured local parks and streams for newts, frogs, toads, lizards, and the ultimate prize - snakes.

What might it be like to be cold blooded, to sleep through the winter, to shed your skin, and taste wafting chemicals on your tongue? Do toads feel a sense of danger as the wheels of a car approach? What exactly is an 'alien' species?

Kerridge has continued to ask these questions during a lifetime of fascinated study and countless expeditions.

Weaving startling nuggets of research (e.g. fewer than 5% of toads reach adulthood) with elements of history and folklore, the author has also created his personal emotional map of a lifelong relationship with these often unloved and overlooked creatures.

Episode 4:

The much maligned adder - and how to catch one.

Abridged, produced and directed by Jill Waters
A Waters Company production for BBC Radio 4.

THU 10:00 Woman's Hour (b04brpdm)

Jenni Murray presents the programme that offers a female perspective on the world.

THU 10:45 15 Minute Drama (b04brpdp)

Queens of Noise: Get It On

Episode 4

Landing the support slot on a big tour gives Velveteens the chance to play to thousands every night. But can that ever compensate for the lack of black pudding at the B&B?

Louise Wener and Roy Boulter's story about Velveteens - an all-girl band desperate to make it in the days before the digital

revolution changed the music business forever.

Sylvie Samantha Robinson
Rain Hannah Arterton
Beth Anneika Rose
Sam Joe Absolom
Richard Matthew Watson
Vince Ben Crowe

Music directors: Brian Rawling and Marky Bates

Director: Toby Swift

First broadcast on BBC Radio 4 in July 2014.

THU 11:00 Crossing Continents (b04brrj6)
Fearless Women in Turkish Kurdistan

For decades, Turkey's Kurds have been struggling against a state that used to deny their very existence as a separate people. In the low level war between the Turkish military and the militant Kurdish group, the PKK, both sides have been accused of atrocities. In the 29 years of fighting up to last year's ceasefire, at least 40,000 people died and hundreds of villages were destroyed. But now, just when Kurds in neighbouring Iraq are considering establishing an independent state, and many believe the chaos in Syria will change borders across the region, Kurds in Turkey are increasingly reconciled to remaining within existing frontiers. As Turkey pursues peace talks with the PKK, the militant movement's supporters talk of changing society, not borders. And already, they've initiated some radical experiments.

Pro-PKK towns and villages across eastern Turkey are now each governed by two co-mayors, male and female, and the new system has propelled many dynamic young women into power in regions that were once socially conservative. One is a survivor of domestic violence determined to use her position to encourage other women to speak up about what until now has been a taboo subject. She's not just the first woman mayor of her town, but also the first woman ever to get a divorce there. Tim Whewell travels to the region to meet her and other social reformers, and discover why so many of Turkey's Kurds say they have turned their back on nationalism, and want to express their identity in ways they say are more modern.

Producers: Charlotte Pritchard and Guney Yildiz.

THU 11:30 With Great Pleasure (b04brrj8)
Simon Callow

Actor Simon Callow presents and reads his favourite literary extracts, with the help of his chosen reader Patricia Hodge. His life in books ranges through Tynan, Logue and Isherwood to Dickens, Nashe and Shakespeare: in which Simon and Patricia perform together on stage for the first time. Recorded in front of an audience at St George's in Bristol.
Producer Beth O'Dea.

THU 12:00 You and Yours (b04brrjb)

Affordable homes, nuclear waste and space age make-up

The energy regulator OFGEM says the UK's big six energy firms are set to double their profit margins over the next year, yet British Gas has just announced a fall in its profits.

Would you like millions of pounds invested in your community? Sounds great, but there's a catch - you have to agree to store nuclear waste.

The government wants to build more affordable homes - we speak to one builder who has been trying to build houses for nine years.

And space-age technology in make-up? We ask a beauty journalist and space scientist for their opinion.

Presenter: Winifred Robinson
Producer: Louise Clarke-Rowbotham.

THU 12:57 Weather (b04bj9qh)
The latest weather forecast.

THU 13:00 World at One (b04brrjd)
Edward Stourton presents national and international news.

THU 13:45 Plants: From Roots to Riches (b04brrjg)
Plant Invaders

The Victorians' pride at the effortless movement of plants around the world during the late 19th century was having an unwelcome side effect. Invasive species were beginning to wipe out native populations of plants. With no natural predators to

control them, one man's flower was turning into another man's weed.

Prof Kathy Willis hears how during the late 1800s, many invasive species from Japanese knotweed to Himalayan balsam and winter hyacinth came from deliberate introductions and asks if today, trying to control them is ultimately futile?

As historian Jim Endersby explains both Charles Darwin and Kew's director Joseph Hooker were the first to examine the impact of invasives, having noticed on the island of St Helena and Ascension Island the effect on native plants.

One of the current biggest invaders is *lantana*, familiar to British gardeners as a small pot plant. As Shonil Baghawat of the Open University reveals, since its introduction to Kolkata Botanical garden in the 1870s it decimated native teak plantations. But today opportunities exist to exploit its presence for the wood, basketry and paper industries.

And Kathy Willis hears from Kew conservationist Colin Clubbe on the extent to which we should view invasive plants in our ecosystems as part of a strategy to maintain resilience to environmental change in the future.

Producer Adrian Washbourne.

THU 14:00 The Archers (b04brr9c)
[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama (b04brrjj)
Imagining Some Fear

Imagining Some Fear
by Ellen Dryden

A haunting story about a woman's struggle to come to terms with the truth.

Emma is having trouble sleeping, she's having terrible nightmares. London is feeling claustrophobic. So when Emma unexpectedly inherits a lonely, dilapidated country cottage and a small fortune from a Great-Aunt Florence she's never met, she's hopeful of a new beginning. But the nightmares continue. Until, that is, she starts to uncover the secrets of Great Aunt Florence.

Produced and directed by Pauline Harris.

THU 15:00 Open Country (b04brrjj)
Slate Mines, Snowdonia

Snowdonia's slate once roofed the world, employing thousands of workers across scores of mines in North Wales. But that was in its heyday, in Victorian times. Today, whilst the industry still exists, it employs just 350 people.

Helen Mark finds out what's become of the abandoned slate quarries and caverns today. Some are now places of leisure, with zip wires above ground, trampolines in underground slate caverns, and with scuba diving opportunities in flooded quarries, but others, as Helen discovers at Dorothea mine, are rapidly being reclaimed by nature.

Producer: Mark Smalley.

THU 15:27 Radio 4 Appeal (b04bmd3h)
[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Open Book (b04bmtpm)
[Repeat of broadcast at 16:00 on Sunday]

THU 16:00 The Film Programme (b04brrmx)

Richard Ayoade; Mark Gatiss; Audrey Tautou and Romain Duris

With Matthew Sweet.

Sherlock co-creator and League Of Gentlemen founder Mark Gatiss reveals his favourite screen detectives in the last instalment of his series.

Richard Ayoade of The IT Crowd discusses his dystopian adaptation of Dostoevsky's *The Double* and reveals the words of advice he got from fellow director David Cronenberg.

Audrey Tautou and Romain Duris discuss the perils of working with mechanical effects, such as a cloud car that floats above Parisian rooftops, in Michel Gondry's fantasy *Mood Indigo*.

As *Guardians Of The Galaxy* hits cinemas this weekend, The Film Programme presents a guide to the space opera, a genre that does science fiction on a grand scale with evil emperors, cute robots and talking furry creatures. Naomi Alderman, Adam Smith and Helen McCarthy prepare for lift-off.

Antonia Quirke revisits a beloved childhood favourite, the film adaptation of *Swallows And Amazons*, to find out if her memory has been playing tricks on her.

Matthew talks to one of the "Keating 12", the dozen or so people who paid money to witness Ronan Keating's movie debut in *Goddess*, which only took £129 at the British box office.

THU 16:30 BBC Inside Science (b04brrmz)
ExpeRimental; Rosetta; MOOCs

ExpeRimental

There's an online wealth of science demonstrations you can try at home with your kids. But what's sometimes lacking is the encouragement of questioning the science in these DIY experiments. Science teacher and film maker Alom Shaha has devised a series of videos with the Royal Institution showing parents experimenting with home-made lava lamps, bubbles and bottle cannons. He hopes that amidst the mess and mistakes, some scientific thinking can be nurtured.

Rosetta

The European Space Agency's robotic spacecraft Rosetta is about to start its detailed study of the comet Churyumov-Gerasimenko. In the audacious and risky mission, the craft will follow the orbit of the comet as it approaches and passes the Sun. It will attempt to land a probe on the surface of the icy, rocky mass. It's hoped the mission will provide great insight into what comets are made of, how they behave as they heat up, creating its gassy coma and tail. And it's hoped Rosetta and its lander will be able to tell about where Earth's water and even some of the building blocks for life might have come from.

MOOCs

Massive Open Online Courses are free and open to anyone with access to the internet. You can study a huge range of topics from cancer and dental photography to quantum physics, and even the archaeology and history of Hadrian's Wall. Critics say these higher education courses are just a PR exercise by universities, and that it will set up a two tier system in education. But Kathryn Skelton from FutureLearn, a platform for many of these MOOCs, argues that they encourage people who would not normally extend their education to take part and the universities providing the courses can gain great insight into the changing face of teaching methods.

Evolutionary Psychology

Last week Adam Rutherford and Alice Roberts had a robust discussion on the biologising of the human condition, with Professor David Canter. Listeners wrote in to complain that we didn't give an evolutionary psychologist a right to reply, so this week, listener and evolutionary psychologist Rob Burriss has his say.

Producer: Fiona Roberts.

THU 16:55 1914: Day by Day (b04brtft)
31st July

Panic in the financial markets as the Bank of England is forced to close.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch
A Somethin' Else production for BBC Radio 4.

THU 17:00 PM (b04brtffw)

Eddie Mair presents coverage and analysis of the day's news.

THU 18:00 Six O'Clock News (b04bj9qk)

The latest national and international news from BBC Radio 4.

THU 18:30 Sketchorama (b04800pr)

Series 3

Episode 2

Tom Tuck presents the pick of the best live sketch groups currently performing on the UK comedy circuit - featuring three up and coming groups in character, improv, broken and musical sketch comedy.

In this programme:

Mixed Doubles.

Rose Robinson, Paul Aitchison, Megan Smith and Will Close formed Mixed Doubles in 2012 after meeting at Mountview Academy of Theatre Arts and deciding to postpone unemployment through the means of sketch comedy. Their debut performances were at the Henley Fringe Festival in July 2012 and after a successful opening stint, London shows became an increasing regularity in the build-up to their rampant first appearance at the Edinburgh Fringe in 2013. They scooped the 'People's Choice Award' for their viral Modern Conversation at the Dave Comedy Festival in 2013 and were named Finalists in the Foster's 'So You Think That's Funny - Best New Sketch Act' of the same year.

The Real MacGuffins.

A London based sketch comedy group formed in 2008 by Dan March, Jim Millard and Matt Sheahan. They have performed their unique brand of sketch comedy across the UK as well as supporting comedians including Stewart Lee, Dave Gorman and Perrier Award Winners Tim Vine, Phil Nichol, Adam Riches and Doctor Brown. The group have proved a crowd favourite at the Edinburgh Fringe Festival throughout 2010, 2011 and 2013.

Bob and Jim.

Bob and Jim have created three Edinburgh shows - 'Modern Urges' (2011), 'GO' (2012) and 'Two Stars' (2013) and are Musical Comedy Awards Finalists (2014).

Producer: Gus Beattie

A Comedy Unit Production for BBC Radio 4.

THU 19:00 The Archers (b04brtg0)

The fete has had a good write up in the Echo, with a nice photo of the SAVE stall and mention of Lynda's speech.

The Lower Loxley temporary manager Geraldine starts on Monday. Hayley's supportive towards fed-up Roy but then lets slip that she spoke to Elizabeth about her concerns over Roy's workload. Angry she went behind his back, Roy curtly tells Hayley never to do anything like that again - it's between him and Elizabeth.

Jolene and PC Burns practice their music for Loxfest. The policeman confides that things don't seem to be going anywhere with Fallon - although he'd like them to. They seem to be destined to remain in the 'friend zone'.

Adam has a staffing crisis which is set to delay combining. Seizing the initiative, Ed persuades Adam to let him work the combine. Sceptical Adam is convinced by Ed's confidence, enthusiasm and reminder of Charlie's strict deadlines. Ed has done some online training and knows the ropes.

Given the job, Ed seems to be doing well and, feeling pleased with himself, invites Emma to join him in the cab. But as they chat, Ed loses concentration and the machine has a breakdown. It's blocked up solid and will take Ed a long time to clear. He tells Emma she'd better leave him to it.

THU 19:15 Front Row (b04brtg4)

Jonny Greenwood, Deon Meyer, Streaming books, Summer films

Radiohead's Jonny Greenwood discusses the world premiere screenings of Paul Thomas Anderson's film *There Will Be Blood*, with Greenwood's score being performed live by the London Contemporary Orchestra. South African writer Deon Meyer on his latest thriller *Cobra*, where the arrival of a Cambridge maths professor leads to a spiralling body count. As Amazon announces it is to launch a books subscription service, Charlie Redmayne of Harper Collins and Phillip Jones of The Bookseller discuss the implications for readers, authors and publishers. And film producer and critic Catherine Bray makes her selection of films that conjure up summer.

Producer Jerome Weatherald.

THU 19:45 15 Minute Drama (b04brdpd)

[Repeat of broadcast at 10:45 today]

THU 20:00 The Report (b04brtg6)

Diabetes: A Surgical Solution?

Around 700 people are diagnosed with diabetes in Britain every day, and the condition accounts for around 10 per cent of the NHS budget - but is enough being done to combat the effects of the disease?

The National Institute of Clinical Excellence - NICE - is the body which provides guidance and advice to the NHS. It recently published new draft guidelines which proposed increasing access to weight-loss surgery to a wider range of patients diagnosed with type 2 diabetes.

This announcement was met with fierce criticism, especially from the tabloid press, which declared such treatment as undeserved: fat people should just stop eating instead of using up valuable resources to pay for vanity operations.

But some experts say bariatric surgery is the most important development in the history of diabetes treatment and its effectiveness can lead to full remission of type 2 diabetes. In turn, this could end up saving the NHS millions of pounds as patients are weaned off costly drugs, and are less likely to develop complications such as blindness or kidney failure.

But is this really a long-term solution? Or do we need to think more radically about how to educate the public about healthy living to really reduce the rapid rise in diabetes diagnoses?

CONTRIBUTORS INCLUDE:

Simon O'Neill - Director of Health Intelligence, Diabetes UK

Prof Roy Taylor, Professor of Medicine and Metabolism, Newcastle University

Prof Francesco Rubino, Professor of Metabolic Surgery, King's College Hospital

Prof Mark Baker, Director of the Centre for Clinical Practice, NICE

Mr Andrew Mitchell, Consultant General Surgeon, Darlington Memorial Hospital

Reporter: Adrian Goldberg
Producer: Richard Fenton-Smith.**THU 20:30 In Business (b04brtg8)**

Deep Thoughts

It sounds abstruse, but clever people argue that commercial companies have a lot to learn from great philosophers and the academics who spend their lives studying them.

Peter Day meets some of the business people inspired and influenced by highbrow philosophy.

Produced by David Edmonds.

THU 21:00 BBC Inside Science (b04brmz)

[Repeat of broadcast at 16:30 today]

THU 21:30 Zeitgeisters (b041469j)

Series 2

Theater Gates

BBC Arts Editor Will Gompertz meets the cultural entrepreneurs whose aesthetic sense infects and influences our daily lives... who know what we want, even when we do not... the men and women whose impact goes beyond mere commerce, it shapes contemporary culture.

Programme 3. Theater Gates - a man with two degrees in urban planning (and a further one in religious studies), who worked for the city's Transport Authority, but now uses sculpture, installation and performance to bridge the gap between art and life. Will Gompertz travels to Chicago to meet the artist who is using collectors' desire for his artworks (they sell for anything upwards of several hundred thousand dollars each) to transform the rundown Southside where he now lives.

Producer: Paul Kobrak.

THU 21:58 Weather (b04bj9qm)

The latest weather forecast.

THU 22:00 The World Tonight (b04brxqh)

In-depth reporting and analysis from a global perspective.

THU 22:45 Book at Bedtime (b04brxqk)

The Miniaturist

Episode 9

On a cold autumn day in 1686, eighteen-year-old Nella Oortman arrives in Amsterdam to begin a new life as the wife of the Dutch East India Company's most successful merchant trader: Johannes Brandt. But her lavishly furnished new home is not welcoming, and its inhabitants seem preoccupied with

their own secrets. Johannes is kind yet distant, always locked in his study or at his warehouse office which leaves Nella isolated in the grand house on the canal with his sister, the sharp-tongued Marin and Otto and Cornelia their servants as company.

Nella's world changes when Johannes presents her with an extraordinary wedding gift: a cabinet-sized replica of their home. To furnish her gift, Nella engages the services of a miniaturist, an elusive and enigmatic artist whose tiny and intricate creations mirror their real-life counterparts in eerie and unexpected ways.

But as she starts to receive unexpected and unasked for items for her 'toy house' Nella becomes aware that the Brandt household contains unusual secrets and she begins to understand - and fear - the escalating dangers that await them all. In this repressively pious society conformity is all. Neighbours are encouraged to spy on each other, excavating 'the canker' of sin. The packages from the mysterious miniaturist begin to reveal chillingly prophetic objects but Nella remains at a loss as to what they all mean.

Read by Emilia Fox.

Ep9. The burgomasters of Amsterdam are determined to uphold their city's godfearing reputation.

Producer: Jill Waters

Abridged by Isobel Creed and directed by Jill Waters
A Waters Company production for BBC Radio 4

THU 23:00 Don't Make Me Laugh (b04brxqm)

Series 1

Episode 3

David Baddiel hosts this brand-new show as Clive Anderson, Rhys Thomas, Chris Ramsay and Katherine Ryan go against their natural instincts and try not to make an audience laugh.

Scorer: Emily Dean

Producer: Dave Cribb

A So Television / Fierce Tears production for BBC Radio 4.

THU 23:30 The Living Mountain (b03mfndd)

Robert Macfarlane takes inspiration from writer Nan Shepherd on a very special poetic pilgrimage to the Cairngorms.

Nan Shepherd believed that it was 'a grand thing to get leave to live.' She did this by spending every minute she could in her beloved Cairngorms. In her 88-years, she covered thousands of miles on foot and became minutely aware of the rhythms of these wild places.

She collected her thoughts in 'The Living Mountain'. It's a remarkable love letter to these dramatic landscapes, but convinced that readers didn't want an "aimless, sensual exploration of the Cairngorms," Nan tucked the manuscript away in a drawer and left it there for 30-years.

Four years before she died, her book finally saw the light of day. At just 80-pages, it's small in size, but big in impact and has been described by The Guardian as "the finest book ever written on nature and landscape in Britain".

Robert Macfarlane agrees. He calls 'The Living Mountain' a "wry, beautiful hymn to 'living all the way through'". He thinks this book is hugely important as more and more of us experience less and less contact with the outside world; "We are, literally, losing touch." Nan's writing is the antithesis of this. She plunges readers right into the landscape.

Robert celebrates this intrepid literary spirit by embarking on an autumnal trip right into the heart of Nan's favourite wild places.

Produced by Victoria McArthur and presented by Robert Macfarlane.

FRIDAY 01 AUGUST 2014**FRI 00:00 Midnight News (b04bj9rg)**

The latest national and international news from BBC Radio 4. Followed by Weather.

FRI 00:30 Book of the Week (b04ch156)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b04bj9rj)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b04bj9rl)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b04bj9rn)

The latest shipping forecast.

FRI 05:30 News Briefing (b04bj9rq)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b04brxxz)

A spiritual comment and prayer to begin the day with Alison Murdoch.

FRI 05:45 Farming Today (b04brxy3)

New Zealand lamb, Whisky, Red Kites

It has travelled about 11,000 miles around the world to get here, yet New Zealand lamb is still cheaper to buy in the shops than lamb produced in the UK. Caz Graham speaks to EBLEX, the organisation representing the English beef and sheep industry, and asks why and whether farmers in the UK could produce lamb more efficiently to match consumer's pockets.

As Farming Today continues to cast an eye over this year's harvest stories, Nancy Nicolson visits a farmer in the Highlands of Scotland who has lost out on a premium market for his wheat. Why? Because a whisky distillery has decided to import maize from France.

And 25 years ago, five Red Kites were released into the Chilterns. The joint project between the RSPB and Natural England was an attempt to bring the birds back from extinction in England. 25 years later there are now around one thousand breeding pairs and the reintroduction of the species is seen as a conservation success story to be proud of.

Presented by Caz Graham and produced by Lucy Bickerton.

FRI 05:58 Tweet of the Day (b02tx41n)

Sparrowhawk

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the sparrowhawk.

A garden visit from a sparrowhawk can be an exciting affair. They're smash-and grab raiders, using bushes, hedgerows and fences as cover to take their victims by surprise. Males are blue-grey above, with a striking rusty-orange chest and are smaller than the brown females - this allows the pair to take a wide range of prey.

FRI 06:00 Today (b04brybw)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

FRI 09:00 Desert Island Discs (b04bmdf7)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Book of the Week (b04ch1c4)

Cold Blood

Episode 5

Read by Robert Powell.

As a boy, Richard Kerridge found refuge in the wilderness of suburban England whose reptilian inhabitants were wondrously untameable. His often troubled and turbulent relationship with his father formed the backdrop to his adventures with neighbourhood friends as they scoured local parks and streams for newts, frogs, toads, lizards, and the ultimate prize - snakes.

What might it be like to be cold blooded, to sleep through the winter, to shed your skin, and taste wafting chemicals on your tongue? Do toads feel a sense of danger as the wheels of a car approach? What exactly is an 'alien' species?

Kerridge has continued to ask these questions during a lifetime of fascinated study and countless expeditions.

Weaving startling nuggets of research (e.g. fewer than 5% of toads reach adulthood) with elements of history and folklore, the author has also created his personal emotional map of a lifelong relationship with these often unloved and overlooked creatures.

Episode 5:

Family memories, a Natterjack sings, and the 'alien' Camden Creature.

Abridged, produced and directed by Jill Waters
A Waters Company production for BBC Radio 4.

FRI 10:00 Woman's Hour (b04bryby)

Domestic violence, the falling birth rate and women in folk music

Should domestic violence be a specific crime? Both Labour and the Conservatives have said they'll look again at the law. Women's Aid says coercion and controlling behaviour should become a specific offence - but we hear from a lawyer who says it won't work.

The birth rate has fallen, after big climbs over the last decade. The Office for National Statistics says economic uncertainty could be to blame. So are families deciding they can't afford to have as many children as they'd like to?

Holocaust survivor Elizabeth Lucas Harrison talks about evading the Nazis in occupied Europe, on the 70th anniversary of the last convoy leaving occupied Paris for the concentration camps.

And women in folk music. As the 50th Cambridge Folk Festival gets underway, we look at the work of female folk musicians - and ask whether they're getting a raw deal in bookings for major events.

FRI 10:45 15 Minute Drama (b04bryc0)

Queens of Noise: Get It On

Episode 5

Velveteens' debut single's out. The band love it, the record company loves it and Janice Long "loves it to bits". Will the nation agree?

Conclusion of Louise Wener and Roy Boulter's story about Velveteens - an all-girl band desperate to make it in the days before the digital revolution changed the music business forever.

Rain Hannah Arterton
Sylvie Samantha Robinson
Beth Anneika Rose
Sam Joe Absolom
Herself Janice Long
Shop Assistant Mark Edel-Hunt

Music directors: Brian Rawling and Marky Bates

Director: Toby Swift

First broadcast on BBC Radio 4 in July 2014.

FRI 11:00 The Soul of Ireland (b04bryc2)

RTE's Sean Rocks traces how Ireland first heard soul music, blues and R&B, from smoky bars to armed forces radio. But it was the network of Parish halls that brought Dusty Springfield, Van Morrison and Rory Gallagher to the masses.

"Ireland in the 50's and 60's was a cultural backwater," Father Brian D'Arcy explains. "The parish hall was the (social) web of our time". Parish tours meant that artists got heard by the youth of Ireland - something that was not easy on Irish Radio or TV.

This music had some early enthusiasts who would trade vinyl and stories of the best upcoming artists, but there were those that labelled it The Devil's Screeching. Music journalist Trevor Hodget recalls when Van Morrison's band Them played Cookstown. "The punters started pelting the band with pennies and a near riot ensued."

Still considered one of the finest blues singers in the world, Van Morrison remembers how he first got into blues and how hard it was to find other musicians in Ireland who could play black music: "It sounded like Chinese music to most of them!"

Showband player and Arklow resident Liam O'Reilly recalls a slightly bizarre encounter with a music legend. In 1965, Dusty Springfield played Arklow's endearingly titled Entertainment Centre. Liam remembers the heckles when Dusty announced "Sorry, we are not used to playing small places like this."

Touring with The Springfields, musician Mike Hurst had to act like a bouncer in many of the dancehalls, "He grabbed hold of Dusty's shoulders and started to try and kiss her!" In the middle of a strangle hold Mike was told by his manager, "I wouldn't be doing that if I were you Mike, he's the Chief of Police!"

Producer: Peter Shevlin
A BlokMedia production first broadcast on Radio 4 in 2014.

FRI 11:30 My Teenage Diary (b038yk71)

Series 5

Vanessa Feltz

Another brave celebrity revisits their formative years by opening up their intimate teenage diaries and reading them out in public for the very first time.

Comedian Rufus Hound is joined by broadcaster Vanessa Feltz, who revisits her teenage years in North London. She spent her holidays packing knickers for her father's lingerie firm, and a lot of the rest of the time daydreaming about being married to her teenage boyfriend.

Producer: Harriet Jaine
A Talkback production for BBC Radio 4.

FRI 12:00 You and Yours (b04bryc4)

The New High Streets Minister; Broadband Cancellation Costs

Peter White asks the new High Streets Minister, Penny Mordaunt, why more shops have closed than opened in the Portas pilot towns. Problems with cancellation charges for switching broadband suppliers.

And as a national inquiry is launched, how would YOU sort out the UK's litter problem?

FRI 12:52 The Listening Project (b04bryc6)

Iby and Carolyn - A Survivor's Secret

Fi Glover introduces a conversation between Iby, who survived the Holocaust but kept her secret for forty years, and the friend to whom she first revealed that she'd spent time in Auschwitz; nearly thirty years on Carolyn asks her why she waited so long to share her past.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess.

FRI 12:57 Weather (b04bj9rs)

The latest weather forecast.

FRI 13:00 World at One (b04brydp)

Shaun Ley presents national and international news.

FRI 13:45 Plants: From Roots to Riches (b04bryyz)

Patterns from Crossed Peas

In 1900 three papers by three botanists, unknown to each other, appeared in the same scientific journal. Each had independently "rediscovered" the rules of inheritance that Gregor Mendel had found four decades earlier in his solitary investigations of pea plants.

Kathy Willis reassesses Mendel's famous pea experiments in the light of his attempts to uncover what happens over several generations when hybrid plants are created. As historian Jim Endersby explains, Mendel's initial results may have stunned him and shown what plant breeders might have suspected for decades, but science now had mathematical laws to create new varieties.

Historian Greg Radick sheds light on how Mendelism, in the years leading up to the First World War, became heavily promoted by Cambridge botanist William Bateson and was put into action by the first Professor of Agricultural Botany, Roland Biffen. His success in creating new wheat hybrids is explained by a unique international assembly of wheat ears from the early 1900s, curated by Mark Nesbitt, Head of Kew's economic botany collection.

Producer Adrian Washbourne.

FRI 14:00 The Archers (b04brtg0)

[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Drama (b04bryz1)

I'm a Believer

Stephen Mangan stars in Jon Canter's irreverent comedy.

When Simon meets God in his dreams, he's happy to tell Him to His face that He doesn't exist. But that's before Simon meets Birth, Death and a woman who thinks he's a vicar... all on the same night.

Directed by Jonquil Panting

Jon Canter's deliciously dry dialogue, satirically self-conscious characters, and real moments of pathos, make his comedies as intelligent and sharp as they are gentle and ineffably English. His comic novels include 'Seeds of Greatness', 'A Short Gentleman' and 'Worth'. He wrote 'Afterliff' with John Lloyd, and helped Rev. Adam Smallbone edit 'The Rev Diaries'. He has written for Lenny Henry, Dawn French, Angus Deayton, Mel Smith and Griff Rhys Jones, Stephen Fry and Hugh Laurie, co-wrote 'Posh Nosh' with Arabella Weir, and 'Legal, Decent, Honest and Truthful' with Guy Jenkin. Other writing credits include 'The Two Ronnies', 'Not The Nine O'Clock News', 'Mr Bean', 'Alas Smith & Jones', and 'Murder Most Horrid'. Hugh Bonneville starred in BBC Radio 4's dramatisation of 'A Short Gentleman' by Robin Brooks, Stephen Fry starred in 'I Love Stephen Fry', and 'Believe It!', starring Richard Wilson, won the BBC Audio Drama Award for Best Scripted Comedy.

FRI 15:00 Gardeners' Question Time (b04bryz3)

Shropshire

Peter Gibbs hosts the horticultural panel programme from Shropshire. Chris Beardshaw, Bob Flowerdew and Bunny Guinness join him to answer the audience's questions.

Produced by Howard Shannon

Assistant Producer: Darby Dorras

A Somethin' Else production for BBC Radio 4

This week's questions and answers:

Q. How should I prune and train two dwarf Cherry trees (Summer Sun and Sweet Heart varieties) to keep them within the bounds of a fruit cage?

A. Plant the trees at an angle rather than straight up. Instead of pruning, weave the branches downwards. Or try draping the branches by tying a log to weigh them down.

Q. Is it best to leave cut grass to mulch?

A. Grass clippings are high in nitrogen and so it's good to use them around the garden. Leaving the grass will improve the tilth but can encourage weeds and thatch buildup.

Q. Are there any varieties of Raspberries that don't take over?

A. Most varieties that yield a good crop will be invasive so find an area of the garden where you don't have to worry about them taking over, for example, in a thin sliver of soil between paving and a wall where they cannot spread. You could also try planting them in containers. Tulameen is a very tasty variety.

Q. Is there anything I can plant beneath my hundred-year-old Yew Tree?

A. Try putting in a statue - this will attract the Ivy, or plant annual bedding plants in containers and put them beneath the tree. Along the periphery of the canopy you could grow Cyclamen, Iris Foetidissima, Holly, Ruscus (Witches' Broom), Euphorbia Robbiae, Ground Elder or Pachysandra (Japanese Spurge).

Q. What is the best way to move two large Rosa Rugosa shrubs?

A. Take cuttings in the autumn and start again in the new location. The old plants will not like being moved. Or if you really did want to move them, do so in August/ September. Prune them hard and then dig them out, cut around some of the stubborn root and replant them.

Q. Do the panel have any suggestions for encouraging wildlife in the garden?

A. You can make habitats within the garden to encourage all sorts of wildlife: a wet area, a pile of twigs, a hedge, a pond etc. Multi-stem trees are fantastic for encouraging wildlife. Plant wild seed mixes on bare soil.

Q. How can I best disguise a fence? One side faces northeast, the other southwest.

A. For the northeast facing side try a Hedera (Ivy), Hydrangea petiolaris, or a Schizophragma hydrangeoides. You could put in buttresses to change the look of the fence. You could put hanging baskets on the posts of the fence and plant in Petunias or Nasturtiums.

Q. What do the panel have in their gardens that cannot be described as either beautiful or functional?

A. Bob has a defunct lawnmower in his. Chris says that everything in his garden is a work in progress and he sees the beauty of potential and functionality in everything. Bunny has got rid of a Leylandii hedge that was neither beautiful or functional.

FRI 15:45 Stories from the Southern Cross (b04bryz5)

Orbiting, by Laurie Steed

Stories from the Southern Cross consists of three new pieces of writing produced in collaboration with the first Australia New Zealand Literature Festival. Each story represents a new voice from the Antipodes - a place at once very familiar, but in fact quite different.

The series depicts a world of aggressive ennui, of suburban sprawl battling with a voracious bush and extreme weather, of taboos and generations colliding as old, White Australia comes to terms with another generation of migration.

In this third story, Sophie lives in a world of extremes, clinging to friendships and partners in a town battling the encroaching bush and bone-dry weather; in a community prone to frantic enjoyment and sudden violence and at all times vulnerable to the threat of bush fires.

Narrator: Linda Taimre

Producer: David Roper

A Heavy Entertainment production for BBC Radio 4.

FRI 16:00 Last Word (b04bs0ll)

Sir Richard MacCormac, Eileen Ford, Nigel Ryan, Zohra Sehgal, Frank Mumford

Matthew Bannister on

The architect Sir Richard MacCormac, who gave a human face to modernism and fell out with the BBC over the creation of its new London headquarters.

Eileen Ford, who set up the Ford Modelling Agency, managing stars like Lauren Hutton, Christy Turlington and Elle Macpherson.

Nigel Ryan, editor during the glory days of ITN in the 60s and 70s, who also promoted the careers of women journalists.

The actress Zohra Sehgal, known as "the grand old lady of Indian cinema."

And Frank Mumford who toured Europe with a show featuring his own handmade glamorous puppets.

FRI 16:30 Feedback (b04bs0ls)

Listeners' views on the BBC's coverage of the Israeli-Palestinian conflict continue to dominate our inbox. There are allegations of bias on both sides - the BBC coverage is accused of being too pro-Palestinian and too pro-Israeli. But how easy is it to accurately report the conflict on the ground from within Gaza? Roger Bolton speaks to the BBC's chief international correspondent Lyse Doucet.

Also this week, should history stay in the past? John Humphrys and Melvyn Bragg have gone head-to-head over the use of the present tense to describe historical events. Matthew Parris, who presents Radio 4's long-running biographical series Great Lives, was among the first to criticise this seemingly modern fad. But is it actually a new thing? And can it be an effective tool for bringing the past to life? Matthew gives his view.

And Roger joins the gardeners of Cumbria on board the M V Teal on Windermere for a special recording of Gardeners' Question Time. The chairman, Eric Robson, is celebrating 20 years of presiding over the gardening queries of the nation, but what's in his garden? And how do the panel of Bob Flowerdew, Pippa Greenwood, and Bunny Guinness prepare for any question that the audience might throw at them? Find out how an audience of 150 gardeners, perhaps more used to being close to the earth, take to the water. You can hear the special edition of Gardeners' Question Time on Friday 8th August at **15.00** and repeated on Sunday 10th August at **14.00** on BBC Radio 4.

Finally, are Sandi Toksvig and her News Quiz panel taking up raving? The problems with the BBC iPlayer continue.

Producer: Katherine Godfrey.

A Whistledown production for BBC Radio 4.

FRI 16:55 1914: Day by Day (b04dg6bc)

1st August

The German government receives word that Britain will remain neutral.

Margaret Macmillan chronicles the events leading up to the First World War. Each episode draws together newspaper accounts, diplomatic correspondence and private journals from the same day exactly one hundred years ago, giving a picture of the world in 1914 as it was experienced at the time.

The series tracks the development of the European crisis day by day, from the assassination of Archduke Franz Ferdinand through to the first week of the conflict. As well as the war, it gives an insight into the wider context of the world in 1914 including the threat of civil war in Ireland, the sensational trial of Madame Caillaux in France and the suffragettes' increasingly violent campaign for votes for women.

Margaret Macmillan is Professor of International History at Oxford University.

Readings: Andrew Byron, Stephen Greif, Felix von Manteuffel, Jaime Stewart, Simon Tcherniak
Jane Whittenshaw

Sound Design: Eloise Whitmore

Producer: Russell Finch

A Somethin' Else production for BBC Radio 4.

FRI 17:00 PM (b04bs0m1)

Coverage and analysis of the day's news.

FRI 18:00 Six O'Clock News (b04bj9rv)

The latest national and international news from BBC Radio 4.

FRI 18:30 The Brig Society (b04bs0m9)

Series 2

MEP

Uh-oh - Marcus Brigstocke has been put in charge of a thing! Each week, Marcus finds he's volunteered to be in charge of a big old thing and each week he starts out by thinking "Well, it can't be that difficult, surely?" and ends up with "Oh - turns out it's utterly difficult and complicated. Who knew...?"

This week, Marcus Brigstocke has got himself elected as a Member of the European Parliament. So it's off to Brussels to meet Europe's finest parliamentary minds and also UKIP.

Along the way he'll be examining the history of the EU, its legislative structure, the democratic burden that must be shouldered to promulgate a more humane society and why so many UKIP members wear yellow trousers.

Helping him to publish the answers in up to 31 languages will be Rufus Jones (WIA, Holy Flying Circus), William Andrews (Sorry I've Got No Head) and Margaret Cabourn-Smith (Miranda)

The show is produced by Marcus's long-standing accomplice, David Tyler who also produces Marcus appearances as the inimitable as Giles Wemmbley Hogg - as well as Jeremy Hardy Speaks To The Nation, Cabin Pressure, Thanks A Lot, Milton Jones!, Kevin Eldon Will See You Now, Armando Iannucci's Charm Offensive, The Castle, The 3rd Degree, The 99p Challenge, My First Planet, Radio Active and Bigpipedia.

Written by Marcus Brigstocke, Jeremy Salsby, Toby Davies, Nick Doody, Steve Punt and Dan Tetsell.

Produced by David Tyler

A Pozzitive production for the BBC.

FRI 19:00 The Archers (b04bs0mc)

Neil's worried about Mike, who still has a bad back and is looking rough. Vicky's also suffering with Bethany, who's depriving them of sleep. They also discuss Hayley and Roy. Loxfest seems to be getting to Roy, and it's affecting their relationship.

Susan wants to find out why she hasn't been invited to Jennifer's kitchen party, but doesn't want to appear desperate. She contemplates going round to see Jennifer on the pretence of viewing the new kitchen. The answer (the invitation) actually lies forgotten in Ed's pocket. When the overalls come out of the wash, no-one realises the significance of the washed-out wad of paper.

As he inspects the damage, Charlie's livid with Adam that Ed was allowed to drive the combine. They've lost crucial time. Mortified Ed confides in Emma that he should have been more careful. Adam probably won't give him more tractor work. And if word gets around, no one will employ him.

Charlie points out that Adam's lack of judgement may have blighted Home Farm's chances of retaining the Estate arable contract. Stung Adam asks if that's some kind of threat. But

Charlie doesn't make threats - take it as a promise.

FRI 19:15 Front Row (b04bs0mf)

Loudon Wainwright III, Guardians of the Galaxy, Japanese fiction

Kirsty Lang with the singer Loudon Wainwright III, father of Rufus and Martha, who discusses his latest album Haven't Got the Blues (Yet). It covers subjects including ageing, death, depression - and despair at trying to find a parking space. As best-selling Japanese novelists Haruki Murakami and Kanae Minato publish new novels, we discuss contemporary Japanese fiction. Briony Hanson reviews Guardians of the Galaxy, a Marvel action film about a team of superheroes from the studios that made Iron Man, Thor, Captain America and The Avengers, and - as Northampton Museum and Art Gallery loses its Arts Council accreditation for selling an Egyptian statue in its collection - we discuss what this means for the museum.

Presenter: Kirsty Lang
Producer: Olivia Skinner.

FRI 19:45 15 Minute Drama (b04bryc0)

[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b04bs0mh)

Mary Beard, Rod Liddle, Clive Aslet, Richard Dannatt

Edward Stourton presents political debate and discussion from Turner Contemporary in Margate in Kent, with Spectator columnist Rod Liddle, classicist and broadcaster Mary Beard, former head of the British Army Richard Dannatt, and Editor at Large of Country Life magazine and Ramsgate resident Clive Aslet.

FRI 20:50 A Point of View (b04bs0mk)

The Changing Nature of Utopias

Will Self reflects on what the changing nature of utopias says about us, from Thomas More's sixteenth century Utopia to the recent TV series of the same name. The utopias and dystopias of the past offer a range of different futuristic scenarios but, argues Will Self, they actually all have one thing in common: they're about each writer's present, not future. The late 19th century saw something of a craze in the publication of utopian fiction. Many novels were implicitly optimistic in that they imagined better futures, and some even spurred political movements as was the case with Edward Bellamy's 'Looking Backward 2000-1887'. But nowadays, at a time of man-made global warming, this optimism has dissipated, and our utopias are reduced to fairytales of the non-human, or involve less environmentally destructive species like fictional apes. Where we do imagine a human future, such as in the current TV series, it looks suspiciously dated.

Producer: Arlene Gregorius.

FRI 21:00 Saturday Drama (b03g89c6)

Mike Bartlett - The Right Honourable

By Mike Bartlett. Nerys Jones, at 28, is the youngest MP in the House of Commons. In her first week she signs up for an introductory tour of Parliament and is surprised to find her tour guide is a very senior politician. At first he seems to be playing some sort of game and she's not sure what it is, but soon she is drawn into a web of intrigue which tests everything she stands for.

Starring Peter Firth and Alexandra Roach (the young Margaret Thatcher in The Iron Lady), this is fresh political storytelling from Mike Bartlett, one of the most thought-provoking playwrights in Britain today. His TV series, The Town (December 2012), was nominated for a Breakthrough Talent BAFTA. His 2013 play Bull received excellent reviews at the Sheffield Crucible and transferred to New York. His 2012 dramatisation of Chariots of Fire directed by Ed Hall at Hampstead had an extended season in the West End.

Directed by Claire Grove
Producer: Clive Brill
A Pacificus production for BBC Radio 4.

FRI 21:58 Weather (b04bj9rx)

The latest weather forecast.

FRI 22:00 The World Tonight (b04bs0mm)

In-depth reporting and analysis from a global perspective.

FRI 22:45 Book at Bedtime (b04bs0mp)

The Miniaturist

Episode 10

The Miniaturist by Jessie Burton

Read by : Emilia Fox

On a cold autumn day in 1686, eighteen-year-old Nella Oortman arrives in Amsterdam to begin a new life as the wife of the Dutch East India Company's most successful merchant trader : Johannes Brandt. But her lavishly furnished new home is not welcoming, and its inhabitants seem preoccupied with their own secrets. Johannes is kind yet distant, always locked in his study or at his warehouse office which leaves Nella isolated in the grand house on the canal with his sister, the sharp-tongued Marin and Otto and Cornelia their servants as company.

Nella's world changes when Johannes presents her with an extraordinary wedding gift: a cabinet-sized replica of their home. To furnish her gift, Nella engages the services of a miniaturist, an elusive and enigmatic artist whose tiny and intricate creations mirror their real-life counterparts in eerie and unexpected ways.

But as she starts to receive unexpected and unasked for items for her 'toy house' Nella becomes aware that the Brandt household contains unusual secrets and she begins to understand - and fear- the escalating dangers that await them all. In this repressively pious society conformity is all. Neighbours are encouraged to spy on each other, excavating 'the canker' of sin. The packages from the mysterious miniaturist begin to reveal chillingly prophetic objects but Nella remains at a loss as to what they all mean.

Ep10 Nella bids her husband farewell and welcomes the new arrival.

Producer: Jill Waters
Abridged by Isobel Creed and directed by Jill Waters
A Waters Company production for BBC Radio 4

FRI 23:00 Summer Nights (b04bs0mr)

Series 2

Do all conflicts have more in common than we might think?

Conflict is everywhere and always with us, from the conflicts we have witnessed this week in Gaza, Syria, Northern Iraq and Ukraine to those we might experience in our daily lives. But from battles over territory to divorce, do all conflicts have more in common than we might at first suspect? Two sides argue over a fault line; be it a national border, a religious or ethnic tension, an economic interest or a relationship. Each becomes entrenched, fixated with their version of events, and unable to listen to the other. Are we too stubborn to avoid conflict? And, if it is an inevitable part of life, can we learn how to manage and resolve them?

Presenter: Evan Davis
Series Producer: Ruth Watts.

FRI 23:55 The Listening Project (b04bs0mt)

Iby and Julia - Not Defined by the Holocaust

Fi Glover introduces a conversation between a survivor of Auschwitz and her granddaughter, which reveals that Iby used her experience to pass on tolerance and understanding, not fear, proving again that it's surprising what you hear when you listen.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Marya Burgess.