

**SATURDAY 23 NOVEMBER 2013****SAT 00:00 Midnight News (b03hwyhc)**

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

**SAT 00:30 Book of the Week (b03j5czk)**

CS Lewis - The Screwtape Letters

Episode 5

Originally broadcast in 2013, in the week marking the fiftieth anniversary of CS Lewis's death, and which saw a memorial stone to the author unveiled in Poets' Corner in Westminster Abbey, Radio 4's Book of the Week marked the occasion with a reading of his famous letters from a senior to a junior devil. Read by Simon Russell Beale  
Abridged and produced by Jane Marshall.  
A Jane Marshall production for BBC Radio 4.

**SAT 00:48 Shipping Forecast (b03hwyhf)**

The latest shipping forecast.

**SAT 01:00 Selection of BBC World Service Programmes (b03hwyhh)**

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

**SAT 05:20 Shipping Forecast (b03hwyhk)**

The latest shipping forecast.

**SAT 05:30 News Briefing (b03hwyhm)**

The latest news from BBC Radio 4.

**SAT 05:43 Prayer for the Day (b03hxm7y)**

A spiritual comment and prayer to begin the day with Canon Steve Williams.

**SAT 05:45 iPM (b03hxm80)**

'I gave my son half my liver' - a listener tells iPM how she saved her five year-old son by donating her liver when his own 'suddenly gave up after five hard years of struggling'. Your News is read by BBC Arts Editor Will Gompertz. Email iPM@bbc.co.uk.

**SAT 06:00 News and Papers (b03hwyhp)**

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

**SAT 06:04 Weather (b03hwyht)**

The latest weather forecast.

**SAT 06:07 Open Country (b03hwn0t)**

The Birds of Lindisfarne

The Holy Island of Lindisfarne is probably best known for its medieval religious heritage and in the summer months pilgrims from all walks of life flock to the island and swell its community of 160 to over 650,000. But in the winter it's the birds that flock here, taking refuge on this holy land during their winter migration. Helen Mark arrives on Holy Island just as the birds do and learns about their unique relationship with this island.

Bird Historian, Ian Kerr has been visiting the island for more than 30 years and knows of 318 species that have been recorded. He also knows the long and complex relationship the birds have with this landscape and the generations of islanders. Legend has it that St Cuthbert laid down rules for the protection of nesting Eiders, making him Britain's first conservationists - whilst in later centuries, islanders recruited Golderests to clear their cottages of spiders and flies.

Laura Scott is a ranger at the Lindisfarne National Nature Reserve which annually welcomes over half the world's population of pale bellied Brent Geese. They are attracted to the mudflats and the special grasses that grow there. Whilst the birds come for the special habitats that the island provides, they bring with them many gifts. For Rev David Peel, a United Reformed Church Minister and long-time birder, they are a reflection of God's beauty and design, offering moments of transcendence. For award winning Northumberland based writer Ann Cleeves, author of ITV's Drama Series 'Vera' and BBC's 'Shetland' series, the birds are an integral part of building a landscape and creating an atmosphere and Holy Island - a place that she first visited with her retired RSPB warden and keen birder husband Tim - is full of this rich bird life and atmosphere.

**SAT 06:30 Farming Today (b03j621b)**

Farming Today This Week

It absorbs 40% of the EU's budget and is worth £3.1 billion a year to the UK's farmers and rural economies. Now the Common Agricultural Policy is undergoing reform. Consultation processes are underway - or about to be - in all four of the devolved governments of the UK, which have to decide how to implement the changes.

In Farming Today This Week, Charlotte Smith tries to demystify some of the detail of the CAP, looking at everything from 'modulation' to 'greening', and asks what it all means for both farmers and taxpayers.

Should more money be taken out of direct payments to farmers, and put instead into rural development? Are environmental schemes getting enough support from the CAP? Or should we just do away with it altogether, and force farmers to stand on their own two feet?

Presented by Charlotte Smith. Produced by Emma Campbell.

**SAT 06:57 Weather (b03hwyhw)**

The latest weather forecast.

**SAT 07:00 Today (b03j621d)**

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

**SAT 09:00 Saturday Live (b03j63jb)**

Camila Batmanghelidjh, Joan Collins, Luke Wright, Charlie Higson, John McCarthy

Richard Coles and Anita Anand with Kids Company Founder Camila Batmanghelidjh, The Inheritance Tracks of Charlie Higson, JP Devlin waxing lyrical with actress Joan Collins, the willow sound of a cricket bat being fashioned, Ben Markus who was given, maybe, 12 months to live in January 2012 on finding love and the strength to KBO ( keep battling on ), topical poetry from Luke Wright and John McCarthy is joined by London writer Travis Elborough on a trail through the capital to see the sites of sights you can't see any more. They don't see the Euston Arch, old London Bridge, Vauxhall Pleasure Gardens or Battersea Park Funfair.

Producer Chris Wilson.

**SAT 10:30 Football's Loyal Fans (b03j63jd)**

The comedian Ian Stone asks what makes a football fan travel the length and breadth of the country on a wet and windy winter's evening to watch their team play and possibly lose.

It's bad enough when you know you'll witness some decent football but when the quality of the game is even in question, why do hordes of fanatics follow their club over great distances for what can only end in disappointment and a long journey home. Add to the equation the prospect of a motorway services meal or a shocking burger at the ground and you have a recipe for misery.

Stand-up comedian and lifelong Arsenal fan Ian Stone joins a coach load of Wolverhampton Wanderers fans as they travel on one of their longest away-match journeys: to Carlisle United. En route he meets fans from Brighton, former players and academics as they try and uncover what's at the heart of football's loyal fans.

Presenter: Ian Stone

Producer: Martin Poyntz-Roberts

**SAT 11:00 The Week in Westminster (b03j63jg)**

George Parker of The Financial Times looks behind the scenes at Westminster.

The scandal surrounding the Co-op bank has raised questions about the banking industry's ability to get its house in order. Will the proposed banking reforms be fit for purpose?

And in the week of the 50th anniversary of John F Kennedy's assassination our fascination with American politics holds fast.

Plus the fairest way to tax people, and a particularly rowdy session of Prime Ministers Questions.

The Editor is Marie Jessel.

**SAT 11:30 From Our Own Correspondent (b03j63jj)**

Heroes of Baghdad

Reporters' despatches: already this year more than seven thousand people have been killed in the upsurge of violence in Iraq. Andrew Hosken explores a country full of widows,

orphans and frightened people mourning the loss of loved ones. In America, two significant anniversaries - Allan Little has been to the locations involved, Gettysburg and Dallas, and uncovers surprising revelations about the state of the USA today. The president of Bulgaria's talking of 'emergency' as demonstrations against the government show no sign of letting up - Emma Jane Kirby has been talking to the protestors in the capital, Sofia. Peter Day visits a Chinese village where they haven't yet turned their backs on the 'Great Helmsman' Mao tse Tung. And as the big Thanksgiving Day American football matches approach, Mike Wendling reflects on a sport facing difficult questions about the safety of its players.

The producer of From Our Own Correspondent is Tony Grant.

**SAT 12:00 Money Box (b03j63jl)**

Car hire complaints; Roaming charges; Teenage bankers

Where's my deposit? The car hire customers who feel let down by the authorities who are meant to protect them. What can you do when a car hire firm keeps your deposit?

Why using a smart phone on a ferry between Northern Ireland and Scotland could land you with a bill for international roaming charges. We speak to a mobile roaming expert about how you can challenge these mystery bills.

The insurance industry gets access to DVLA records to check that customers applying for motor insurance have not lied about motoring offences. What exactly will be disclosed and what impact will this have on our premiums?

And Europe's first online banking service run by teenagers for teenagers opens at a school in South London. Ben Carter meets the student bankers and customers.

**SAT 12:30 The News Quiz (b03hxxkk)**

Series 82

Episode 3

A satirical review of the week's news, chaired by Sandi Toksvig, with panellists Rebecca Front and Phill Jupitus.

**SAT 12:57 Weather (b03hwyhy)**

The latest weather forecast.

**SAT 13:00 News (b03hwyj0)**

The latest news from BBC Radio 4.

**SAT 13:10 Any Questions? (b03hxlgb)**

Sarah Wollaston MP, Chris Bryant MP, Steve Webb MP, George Monbiot

Jonathan Dimbleby presents political debate and discussion from the Godolphin School Salisbury, Wiltshire, with the environmentalist George Monbiot, Conservative backbencher Sarah Wollaston MP, Shadow Minister for Welfare Reform Chris Bryant MP and Pensions Minister Steve Webb MP.

**SAT 14:00 Any Answers? (b03j63jn)**

Immigration; Energy bills; Co-Operative movement

When the rules change in January and people from Romania and Bulgaria are free to move to this country are we right to fear the consequences or 'unnecessarily afraid'? Green levies on your energy bills do you think they are they worth paying or should they be cut? Has your faith in the principle behind the co-operative movement been shaken after reading the revelations about Paul Flowers?

Julian Worricker hears your reaction to the subjects discussed in Any Questions? by Minister of State for Pensions, Steve Webb; Shadow Minister for Welfare Reform, Chris Bryant; MP for Totnes, Sarah Wollaston; and Environmental Campaigner, George Monbiot.

You can have your say on any of the subjects discussed on Any Answers? just after the news at 2pm on Saturday. Call 03700 100 444 from 1230, e-mail anyanswers@bbc.co.uk, tweet using #BBCAQ, or text 84844.

**SAT 14:30 Saturday Drama (b03j63jq)**

Solomon and Marion

Marion lives alone in her silent and isolated rural home in South Africa. She knows she is being watched so Solomon's arrival isn't a surprise but the reason for his visit is unclear. They form an unlikely friendship which bridges the generational and racial gaps between them but when the truth finally emerges it threatens to engulf them both. Written by Lara Foot, the play is followed by a short talk by Janet Suzman.

Composer Brydon Bolton  
Sound Nigel Lewis  
Director Alison Hindell

SOLOMON AND MARION was written and originally directed by Lara Foot for the Baxter Theatre Centre in Cape Town in 2011. It was restaged at the Assembly Hall as part of this year's Edinburgh Fringe Festival. The play was, in part, inspired by the senseless murder of actor Brett Goldin in Cape Town in 2006. At the time, Brett was rehearsing the Baxter Theatre Centre production of Hamlet, directed by Janet Suzman, and the title role of Marion in this play was written for Janet. Janet's most recent credit for Radio 4 was in Life and Fate.

**SAT 15:45 Witness (b03jv4x1)**  
Death in the Boxing Ring

In November 1982, the boxer Deuk-Koo Kim died of brain damage after a world title fight against the American Ray Mancini. Kim fell into a coma after being repeatedly knocked down in the 14th round. His death led to a series of reforms in boxing. Ray Mancini shares his memories of the fight and its aftermath.

**SAT 16:00 Woman's Hour (b03j64xv)**  
Weekend Woman's Hour: David Cameron; Women Bishops

David Cameron on cutting access to child abuse images online. Woman's Hour Power Listers: philanthropist, Lady Helen Hamlyn and founder of the Asian Women of Achievement Awards, Pinky Lilani.

Is conventional education better suited to girls than boys? We discuss with Dr Alice Sullivan from the Institute of Education and Louise Nichols, Head Teacher of Kingsmead and Gayhurst primary schools.

Allegra McEvedy cooks the perfect...pork chops with lentils and pears.

As the Church of England moves a step closer to appointing women Bishops, we debate the issue with the Reverend Jody Stowell and Susie Leafe, the director of Reform and an opponent of women bishops.

Presented by Jane Garvey  
Produced by Katie Langton.

**SAT 17:00 PM (b03j64xx)**  
Saturday PM

Full coverage of the day's news.

**SAT 17:30 The Bottom Line (b03hrwrx)**  
Design

Decorating your home is big business - in the UK and around the world. In China and India the home decor market is evolving fast - but will the result be a global homogenous style? Who sets the trends? And what do you do if your products lose their fashionable edge? Evan Davis and guests discuss the volatile world of design.

Guests:  
Kelly Hoppen, founder Kelly Hoppen Interiors  
Andrew Graham, CEO Graham and Brown  
Lois Jacobs, Global CEO Fitch

Producer: Rosamund Jones.

**SAT 17:54 Shipping Forecast (b03hwyj2)**  
The latest shipping forecast.

**SAT 17:57 Weather (b03hwyj4)**  
The latest weather forecast.

**SAT 18:00 Six O'Clock News (b03hwyj6)**  
The latest national and international news from BBC Radio 4.

**SAT 18:15 Loose Ends (b03j64xz)**  
Michael Grade, Bill Bailey, Colman Domingo, Josie Long, Nikki Bedi, Local Natives, Chloe Charles

Clive tunes in to TV exec Michael Grade, who's been hooked on musicals since he saw 'Annie Get Your Gun' as a boy in the 50s. One question has always fascinated him: does the musical create the star or is it the star who makes the musical? Michael interviews stars and directors both sides of the Atlantic. 'Michael Grade On Musical' is on Wednesday 11th December at 21.00 on BBC Four.

Clive gets adventurous with Josie Long, who's made two comedy films with director Doug King. In 'Let's Go Swimming', Josie leaves London life for a better one in Glasgow. But sitting in cafes and going to gigs alone isn't as fulfilling as she'd hoped. And in 'Romance and Adventure' best friends Darren and Josie wonder why their friends are becoming old and boring. But how much can you rely on friends who don't want to grow up? 'Doug & Josie: The Let's Go Adventure Tour' is at selected cinemas until 2nd December.

Nikki Bedi talks to actor Colman Domingo, who's starring in 'The Scottsboro Boys'. It's 1931 and nine black teenagers board a train in Scottsboro, Alabama, in search of a new life. By the end of the journey, their lives - and those of every American would be changed forever. 'The Scottsboro Boys' is at London's Young Vic until Saturday 21st December.

Clive's does Das Hokey Kokey with comedian, musician and Part Troll Bill Bailey, whose world doubts have grown into qualms. In his new show, Bill channels his feelings of unease through religious dubstep, folk bouzouki, horntallica and a dub version of Downton Abbey. 'Qualmpeddler' is at London's Wembley Arena on 29th November and on DVD now.

Music: Canadian Chloe Charles performs 'Business' from her album 'Break The Balance' and Local Natives perform 'Ceilings' from album Hummingbird.

Producer: Sukey Firth.

**SAT 19:00 Profile (b03j64y1)**  
Bill de Blasio

Bill de Blasio, sometime supporter of the Sandinista revolution in Nicaragua, will soon take over as mayor of New York. He's overcome the suicide of his war veteran father, created the most famous multiracial family in the US and now has to persuade Wall Street to fund his radical plans to overcome inequality in the Big Apple. Ed Miliband is said to be watching carefully. Mark Coles profiles a politician attracting global attention.

Producers: Ben Crighton, Chris Bowlby  
Editor: Richard Knight.

**SAT 19:15 Saturday Review (b03j64y3)**  
Blue Is the Warmest Colour; Dylan Thomas; No Place to Go

Palme d'Or winning film Blue is the Warmest Colour has proved controversial, in part because of its subject matter - it's a story of two young lesbians who fall in love. The author of the original bande dessinée has described the film as porn, and the lengthy explicit sex scenes have caused consternation. And since its release the two actresses have said that they feel exploited. So it's a prize-winning film mired in problems but is it worth paying money to go and see?

Have you ever wondered what Arthur Conan Doyle would make of contemporary crime fiction? Or how the Marquis de Sade feels about the fact that his plays are largely forgotten and that his name is mostly associated with sexual peccadilloes? A new book from Granta allows present day authors to imagine interviews with artists who - long ago - shuffled off this mortal coil. Is this merely a vanity project for the authors to stretch their skills or can it offer some sort of insight into the mind and working of their dead heroes?

2014 will mark the centenary of Dylan Thomas's birth. The great Welsh poet's most famous work - Under Milk Wood - has long been an inspiration to artist Sir Peter Blake. A new exhibition just opened in the Cardiff shows his interpretation of the story and its characters - he still listens to the radio play at least once a week. How successfully can an Englishman translate one of the classics of Welsh literature?

How can you turn redundancy into art? Earl Lipton is a New Yorker who has created a cabaret show about being made unemployed when his company relocated operations "to Mars". With songs including "Thank You (Financial Crisis Blues)" and "(When I move in with) My aging middle-class parents" it takes a satirical look at the problems that having no job can entail. It also includes a song sung by an abandoned sandwich. No Place To Go is at the Gate Theatre in London.

Jim Al-Khalili OBE is a theoretical physicist and Professor of Theoretical Physics and Chair in the Public Engagement in Science at the University of Surrey. He has a new series on BBC4/Open University that explores what 95% of what the universe is made up of. Can even he explain to a layman what dark matter is?

Tom Sutcliffe is joined by professor Maria Delgado, journalist Jim White and poet Cahal Dallat.

Producer: Oliver Jones.

**SAT 20:00 Archive on 4 (b01hw44y)**

A History of the Stiff Upper Lip

Emotion is no longer private. Whether a marital collapse on reality TV or real-time twitter updates on the progress of an abortion, emotions are hung out there for all to witness. Whatever element of self-restraint may exist in our cultural DNA, it's increasingly under siege.

We've come a long way from when the ruling classes saw reticence and fair play as virtues uniquely their own and lamented 'the emotionally-uncontrolled and latently-violent working class'; when English public schools were created specifically to educate boys into showing submission, courtesy and devotion to their superiors; and when there lurked a real fear of the working class 'losing control', rebelling, and giving rise to anarchy.

Louisa Foxe goes on a journey through the archives - sometimes horrifying or amusing, always revealing and perceptive - and reveals how and why the British attitudes towards the expression of emotion have changed; how the nation has swung in and out of its penchant for repression over 600 years; and how that first Victorian stiff upper lip, far from being entrenched, was actually the product of post-Romantic pragmatism, anxiety about manliness and colonial necessity.

Taking their toll on the stiff upper lip, Louisa argues, have been two world wars, the socialist project, the rise of therapy culture, and the demise of the aristocracy's moral influence.

The results? Exclusively positive, some would say. But archive from World War One to Princess Diana, and interviewees including Frank Furedi, Ralph Fiennes, David Starkey, Andrew Motion, Peter Hitchens, and Thomas Dixon suggest that results are mixed at best and that we haven't changed as much as we believe.

Producer: David Coomes  
A CTVC Production for BBC Radio 4.

**SAT 21:00 Classic Serial (b03hm1m3)**  
Dostoyevsky - The Russian Gambler

Episode 1

A brilliant, penniless, pianist gets a job as tutor to the daughter of a wealthy Russian oligarch living in London and is sucked into a world of obsession and chance.

A modern-day take on Dostoevsky's The Gambler, by writer/actor Dolya Gavanski, with Ed Stoppard, Matthew Marsh and Graham Seed.

The Russian Gambler is Dolya Gavanski's first drama for Radio 4. As an actor she worked with Steve Coogan and Michael Winterbottom on The Trip and with Angelina Jolie in the Bosnian film In the Land of Milk and Honey. Her radio work includes The Mumbai Chuzzlewits, The Bid and UTZ for Radio 4 and Massistonia on Radio 3.

Casting: Toby Whale,  
Script Editor: Mike Walker,  
Sound Design: Steve Bond.

Original music composed by Sacha Putnam.  
All music performed by Sacha Putnam.

Directed and Produced by John Dryden  
A Goldhawk production for BBC Radio 4.

**SAT 22:00 News and Weather (b03hwyj8)**  
The latest national and international news from BBC Radio 4, followed by weather.

**SAT 22:15 Moral Maze (b03hwbrj)**  
Public v Private Life

Even before his assassination 50 years ago this week, John F Kennedy was an iconic figure for many - his administration a "Camelot" for a shining new age. Public opinion polls show that the American people consistently rate Kennedy as one of the greatest leaders in US history. The reality of the man was much darker. In private, he was a drug-taking philanderer with links to the Mafia. But that's exactly how his personal life remained - private. Loyal staff, collusion of the press and no question of leaking the detailed FBI reports on his indiscretions meant the presidential image remained untouched. The contrast with public life today couldn't be more striking. Now we believe that there should be no separation of the public and the private and we have a right to know even the most intimate details of the private lives of politicians and those in positions of trust so that in the "public interest" we can pass judgment on their character. Others argue, they can and should be separated and that our prurience has damaged civil society. Should we always expect our leaders to moral exemplars and free from stain? Or are we all guilty of mass hypocrisy? Demanding moral standards in our

leaders that we'd never apply in our own lives, or the lives of our friends? Should we welcome the shining spotlight of transparency as raising the moral standards in public life, or has it made us a much less forgiving and understanding society?

Combative, provocative and engaging debate chaired by Michael Buerk. With Michael Portillo, Melanie Phillips, Claire Fox and Kenan Malik.

**SAT 23:00 Round Britain Quiz (b03hvn5j)**  
(10/12)

Making their final appearance in the 2013 season of Round Britain Quiz are the teams from the Midlands and the North of England. Stephen Maddock and Rosalind Miles take on Jim Coulson and Diana Collocott, with chairman Tom Sutcliffe on hand to steer them through the fiendish questions if they need help.

The questions are available to read on the Round Britain Quiz pages of the Radio 4 website. As always there are several listeners' ideas among them. Tom will also be revealing the solution to the question he left unanswered at the end of last week's quiz.

Producer: Paul Bajoria.

**SAT 23:30 The Echo Chamber (b03hn1m7)**  
Series 2

The Waste Remains

Paul Farley introduces new poems on the old theme of autumnal rot and mulch. New poems from Alice Oswald, Steve Ely, Maurice Riordan, Frances Leviston and a first British listening in on the American poet Robert Wrigley: a master observer of roadkill. Producer: Tim Dee.

**SUNDAY 24 NOVEMBER 2013**

**SUN 00:00 Midnight News (b03hzvf1)**

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

**SUN 00:30 Afternoon Reading (b011vhdf)**

Alexandros Papadiamantis - The Boundless Garden

Shipwrecks' Wreckage

Mark Williams reads from an anthology of Greek short stories. Three sailors are shipwrecked and their cargo of cheeses lost. But perhaps the sea can return their goods...

Alexandros Papadiamantis (1851 - 1911) was born on the western Aegean island of Skiathos, where many of his short stories are set.

In these stories he explores the souls of ordinary men and women as they succumb to, or struggle against, the power of evil, and try to deal with life's ambiguities. Aware of the way in which the past breathes life into the present, Papadiamantis also delves into Greek mythology, as it survived through people's belief in supernatural wonders on both land and sea.

Mark Williams is well known as one of the stars of BBC TV's The Fast Show ("Suits you, sir...!!") and for the role of Ron Weasley's father in the Harry Potter films.

Translated by John Raffan  
Abridged by Roy Apps

Producer: David Blount  
A Pier Production for BBC Radio 4.

**SUN 00:48 Shipping Forecast (b03hzvf3)**

The latest shipping forecast.

**SUN 01:00 Selection of BBC World Service Programmes (b03hzvf5)**

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

**SUN 05:20 Shipping Forecast (b03hzvf7)**

The latest shipping forecast.

**SUN 05:30 News Briefing (b03hzvf9)**

The latest news from BBC Radio 4.

**SUN 05:43 Bells on Sunday (b03j8ksk)**

The bells of St Michael's Church in Kingsteignton, Devon.

**SUN 05:45 Profile (b03j64y1)**

[Repeat of broadcast at 19:00 on Saturday]

**SUN 06:00 News Headlines (b03hzvfc)**

The latest national and international news.

**SUN 06:05 Something Understood (b03j8ksm)**

Mapping the Territory

A lifelong fascination with maps leads Tom Robinson on an unexpected journey into the space between the map and the territory.

With readings from Simon Garfield, Dylan Thomas and Jorge Luis Borges and music by, among others, The Divine Comedy, Sally Beamish and Radiohead performed by Christopher O'Riley.

Readers: Adjoa Andoh and Jonathan Keeble  
Produced by Alan Hall  
A Falling Tree production for BBC Radio 4

**SUN 06:35 Living World (b03j8ksp)**

Barnacle Geese of Caerlaverock

After a long summer spent raising their young in the Arctic, barnacle geese need a safe place in warmer climes to fatten up before the breeding season begins again. Every winter the whole population of Svalbard barnacle geese make their way to one place in the UK; the Solway Firth on the west coast of Scotland. One of the best places to see them is the Wildfowl and Wetland Trust centre at Caerlaverock. Each day the barnacle geese gorge themselves in the fields around the centre. Just before dusk, quiet falls over the feeding birds, signalling it is time to return en masse to roost in the salt flats out of the way of opportunistic predators. Presenter Trai Anfield joins Brian Morrell to find out how their long journey has affected them and witness this incredible spectacle.

Produced by Ellie Sans.

**SUN 06:57 Weather (b03hzvff)**

The latest weather forecast.

**SUN 07:00 News and Papers (b03hzvfh)**

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

**SUN 07:10 Sunday (b03j8ksr)**

St Peter's bones; Father Alec Reid; Slavery

The former Archbishop of Canterbury George Carey warned the Church of England that its failure to attract young people means that it's one generation away from extinction. Bob Walker reports from Nottingham on the efforts made by churches there to appeal to young people; providing tea and toast at **4am** is just one of their strategies.

But if the Church does survive, it now looks certain that it will contain women bishops. While the Archbishop of York John Sentamu warns supporters of the move that it's not yet time to crack open the champagne, those who oppose the idea are wondering how bitter the pill is that they will have to swallow. We hear from both the Anglo Catholic and Evangelical dissenters about how far they are prepared to compromise.

On Tuesday night, a psalter printed in 1640, is likely to set a new world record price for a book sold at auction, in New York. The "Bay Psalm Book" as it's known, is one of two copies owned by the historic Old South Church in central Boston, and Sotheby's are estimating that it could fetch up to 30 million dollars. But a small number of church members still believe it's a betrayal of the past.

In one of the starkest pictures of the Northern Ireland conflict, the Catholic priest Alec Reid looks up from administering the last rites to two British corporals lynched at an IRA funeral. Fr Reid died on Friday. We consider the role he played in the peace process.

And the bones of St Peter are due to go on display at the Vatican today.

Producers: Rosie Dawson  
Carmel Lonergan.

**SUN 07:55 Radio 4 Appeal (b03j8kst)**

Arrhythmia Alliance

Heather Richards, who lost her husband to sudden cardiac

arrest, presents the Radio 4 Appeal for Arrhythmia Alliance.

Reg Charity:1107496

To Give:

- Freephone 0800 404 8144

- Freepost BBC Radio 4 Appeal, mark the back of the envelope Arrhythmia Alliance.

**SUN 07:57 Weather (b03hzvfk)**

The latest weather forecast.

**SUN 08:00 News and Papers (b03hzvfm)**

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

**SUN 08:10 Sunday Worship (b03j8ksw)**

A service from the Holy Name in Manchester for the feast of Christ the King.

Situated on Oxford Road at the heart of the campus for the University of Manchester, the famous Holy Name Church is now the Church serving the University community in Manchester - one of the largest in Europe. Built and served by members of the Society of Jesus (Jesuits). On the feast of Christ the King, which celebrates the kingship of Christ over all Creation, Fr Tim Byron SJ explores how serving the student community of Manchester enables the church to move from optimism to hope.

With the RSCM Millennium Youth Choir directed by David Ogden

Leader: Fr William Pearsall SJ

Preacher: Fr Tim Byron SJ

Organist: Daniel Moulton

Producer: Mark O'Brien.

**SUN 08:48 A Point of View (b03hxlgd)**

Rebuilding After 9/11

Will Self reflects from the top of the new One World Trade Center in New York on the challenge of rebuilding after the destruction of 9.11.

"The downtown site, mired in ground sacred to mammon, has mixed into it a complex mulch of private rights and public responsibilities: to harmonise these competing interests in the frozen music of architecture has proved a gruelling compositional task."

**SUN 08:58 Tweet of the Day (b03dx2qh)**

Pied Wagtail

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

Martin Hughes-Games presents the Pied Wagtail. In winter, pied wagtails can often be seen roosting in towns and cities in large flocks. By day, pied wagtails are often obvious in fields feeding on insects but they're equally at home on our streets gleaning prey from pavements and road surfaces.

**SUN 09:00 Broadcasting House (b03j8ksy)**

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 (b03j8sr8)**

For detailed synopsis, please see daily episodes.

**SUN 11:15 Desert Island Discs (b03j8srb)**

Rt Hon Ed Miliband

Rt Hon Ed Miliband MP, Leader of the Labour Party, joins Kirsty Young to choose his Desert Island Discs.

He's been in charge of his party for three years and was the youngest leader they'd ever elected. But that fact got somewhat lost in the drama that surrounded his coronation: famously, he stood against his brother, David. To say the younger brother's victory upset the political apple cart would be something of an understatement.

Politics is in his pores. His mother was a human rights campaigner, his father a renowned Marxist academic. Both parents came from Jewish families who settled in Britain having only just survived the Nazis.

Looking though his CV - clever comprehensive schoolboy, degree in Philosophy, Politics and Economics from Oxford, an intern for Tony Benn, Economics lecturer at Harvard, Special Advisor to Gordon Brown - it's clear, for him, there's only ever

been one abiding passion.

He says, politics "is not something I chose. It's not something I learned from books, even from my Dad's books. It was something I was born into."

Producer: Cathy Drysdale.

**SUN 12:00 I'm Sorry I Haven't A Clue (b03hvn68)**  
Series 60

Episode 2

The 60th series of Radio 4's multi award-winning antidote to panel games promises more homespun wireless entertainment for the young at heart. This week the programme pays a return visit to the Playhouse Theatre in Weston-super-Mare. Regulars Graeme Garden, Barry Cryer and Tim Brooke-Taylor are once again joined on the panel by John Finnemore with Jack Dee in the chair. At the piano - Colin Sell.

Producer - Jon Naismith.

**SUN 12:32 The Food Programme (b03j8srd)**  
Cook Books

Cookery Books of 2013.

Ahead of the Christmas shopping season Sheila Dillon reviews this year's best cook books. Sheila is joined by comedian Stephen K Amos and food writers Catherine Phipps and Fiona Beckett.

Presented by Sheila Dillon and produced in Bristol by Emma Weatherill.

**SUN 12:57 Weather (b03hzvff)**  
The latest weather forecast.

**SUN 13:00 The World This Weekend (b03j8srg)**

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

**SUN 13:30 Lights, Camera, Akshun! (b03j8srj)**

Who would have thought that the careers of three of the most influential figures of the early Bombay film industry would actually begin on the stages and screens of London's West End theatres and cinemas?

But, as Sanjeev Bhaskar reveals, screenwriter Niranjan Pal, producer/actor Himansu Rai and actress Devika Rani all found fame first in Britain and learned much of their craft in the cosmopolitan film industry centred in London between the wars.

Drawing on recent research, Sanjeev pieces together a fascinating tale of two talented and determined Indian men and a ravishingly beautiful and intelligent Indian woman who crossed barriers of race, language and geography to create some of the most striking films of the early era and enter the hearts and minds of British audiences.

Their films include the pioneering feature-length silent epic *The Light of Asia*, which received a Royal Command performance at Windsor Castle in 1926, and the early talkie *Karma* (made in English) which premiered in Marble Arch in 1933, featured Indian cinema's longest kiss, and made an international star of Devika Rani.

Producers: Mukti Jain Campion and Suman Bhuchar  
A Culture Wise production for BBC Radio 4.

**SUN 14:00 Gardeners' Question Time (b03hxjrp)**  
Shrewsbury

Peter Gibbs is joined by Chris Beardshaw, Bob Flowerdew and Anne Swithinbank as he chairs this edition of GQT from Shrewsbury. Chris returns to the home of Emma Morris to catch-up on the development of her rural Shropshire garden, and the panelists talk topical tips whilst wandering along the banks of the River Severn.

Produced by Howard Shannon  
A Somethin' Else production for BBC Radio 4

This week's questions:

Q. When planting late bulbs that are starting to sprout, would it better to place them in pots or to get them into the ground while the soil is still warm?

A. It has been a very late year. You will have to plant them into

the ground at some point anyway, so try putting them straight into the soil and it will save you some time and effort. Tulips are very often planted at a later point in the season. If planting into the ground, be careful with the delicate embryonic roots and backfill the hole with some friable compost. You could try plunging pots into the ground for extra protection and removing the plants later on.

Q. I have a Christmas Cactus that is about to flower. How severe a haircut can I give it once the flowering is over?

A. It is the nature of a Schlumbergera to dangle, as they are jungle plants and hang from trees. You could raise them on a stand and allow them to take their natural form. If not, take some of the longer stems back to their origin. Don't prune it all at once but take back a little bit each year.

Q. I have left it rather late to prune this year. Should I now wait until spring?

A. Gardeners are often extreme when pruning, taking either too little or too much. There is a simple rule you can follow: prune after flowering rather than at a set time of year. Prune out the wood that has previously flowered. Don't worry too much if you don't get round to it this year, they will still flower next year anyway.

Q. Does the panel have any suggestions for a tree to commemorate the birth of my grandchild?

A. You could plant an apple tree with fruit that the child will be able to pick and eat. Perhaps Spartan or Braeburn as these are attractive and familiar. If you want to plant something with a real presence in the garden, try a Tulip Tree, a Wingnut such as *Pterocarya Fraxinifolia*, or the Golden Hope Tree. Catalpas also have a beautiful blossom and are known for their hanging Indian beans.

Q. What are the panel's favourite plants for autumn colour, and do they have any suggestions that will double up to provide colour in spring?

A. Blueberries have both a good autumn colour and pretty spring flowers. Aeonias have flowers like a Rowan in the spring but brilliant autumn foliage. *Parrotia Persica* also turns a magnificent colour.

*Prunus Incisa* Kojo-No-Mai is small cherry and has pink blossom. It can be grown very easily in a pot during its early life. *Disanthus* is a must have for autumn colour and turns a lovely salmon pink in spring.

Q. Other than taking cuttings from large *Salvias* is there any other way of 'over wintering' them?

A. *Salvias* don't like heavy, wet soil conditions. They will cope with some frost as long as the ground conditions are right. Use a free-draining site with plenty of grit and organic matter. Cut them back and then mound them up with generous amounts of organic matter. You can cover the entire crown to the full root spread. Herbaceous forms of *Salvias* will be best covered up to 1 foot (60cm) in diameter and 6 inches (15cm) in height.

Q. What is the best way to store *Begonias* after they have been removed from hanging baskets?

A. You could put them into a well-drained box with used compost. They just need somewhere that will keep them plumped up and frost-free. Take them out in February or March, and then set them in a propagating case with their little dishes exposed.

**SUN 14:45 The Listening Project (b03j8srl)**  
Sunday Edition - What's Normal?

Fi Glover introduces conversations between young carers and between a couple dealing with alcoholism and the path to recovery in the Sunday Edition of Radio 4's series that proves 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](http://bbc.co.uk/listeningproject)

Producer: Marya Burgess.

**SUN 15:00 Classic Serial (b03j8sra)**  
Dostoyevsky - The Russian Gambler

Episode 2

A brilliant, penniless, pianist gets a job as tutor to the daughter of a wealthy Russian oligarch living in London and is sucked into a world of obsession and chance.

A modern-day take on Dostoyevsky's *The Gambler*, by writer/actor Dolya Gavanski, with Ed Stoppard, Matthew Marsh and Graham Seed.

The Russian Gambler is Dolya Gavanski's first drama for Radio 4. As an actor she worked with Steve Coogan and Michael Winterbottom on *The Trip* and with Angelina Jolie in the Bosnian film *In the Land of Milk and Honey*. Her radio work includes *The Mumbai Chuzzlewits*, *The Bid* and *UTZ* for Radio 4 and *Massistonia* on Radio 3.

Cast:  
Alexei.....Ed Stoppard,  
Mikhail.....Matthew Marsh,  
Anastasia.....Eleanor Bron,  
Polina.....Dolya Gavanski,  
Vika.....Isabella Blake Thomas,  
Astley.....Graham Seed,  
Francois.....Orlando Seale,  
Katie.....Lucy May Barker,  
Mullighan.....Jay Taylor,  
Office Worker..Alana Ramsey,  
Blake.....Timothy Walker

Casting: Toby Whale,  
Script Editor: Mike Walker,  
Sound Design: Steve Bond.

Original music composed by Sacha Puttnam.  
All music performed by Sacha Puttnam.

Directed and Produced by John Dryden  
A Goldhawk production for BBC Radio 4.

**SUN 16:00 Open Book (b03j8srg)**  
Bernard MacLavery on a literary life

Belfast born author Bernard MacLavery talks about his career spanning 50 years. He has published five collections of short stories and, following on from novels including 'Cal' and 'Grace Notes', is now working on his fifth novel. With his short stories now collected together for the first time, he talks to Mariella Frostrup about the themes, people and places which continue to inspire him and inform his writing. He recalls his friendship with the late Seamus Heaney and reflects on the gap which has been left in the literary world since his death.

Producer: Ruth Sanderson.

**SUN 16:30 The Echo Chamber (b03j8srs)**  
Series 2

The poet, the poem, and the savannah

Paul Farley in discussion with Glyn Maxwell, poet and author of *On Poetry*. White, Black, Form, Pulse, Chime, Space and Time are Glyn's chapter titles. How and why are poems written? With readings by Glyn of his own work, new and old. Producer: Tim Dee.

**SUN 17:00 Gettysburg (b03hvx70)**

On 19th November 1863, Abraham Lincoln stood in a field in Pennsylvania and delivered a short speech to a crowd that could hardly hear a word that he said. Exactly one hundred and fifty years on, James Naughtie tells the story behind what is now seen as possibly the greatest political speech of them all.

The Gettysburg Address is a priceless political jewel. It's probably the most famous single speech of the democratic era, which not only distilled an idea of the United States after a bitter civil war but became a touchstone for generations of Americans wrestling with racial division, until a Civil Rights Act was passed exactly a hundred years after the speech was delivered.

Two hundred and seventy-two words that thread their way through a century and a half of American history and are a great story in themselves: Lincoln scribbling in the train from Washington... the speech itself that very few people present could actually hear... the slow transmission of the famous phrases across the country... and the eventual adoption of the speech - still read in full by visitors who visit the Lincoln Memorial - as a kind of national statement.

Producer: Paul Kobrak.

**SUN 17:40 Profile (b03j64y1)**

[Repeat of broadcast at 19:00 on Saturday]

**SUN 17:54 Shipping Forecast (b03hzvfv)**

The latest shipping forecast.

**SUN 17:57 Weather (b03hzvfz)**

The latest weather forecast.

**SUN 18:00 Six O'Clock News (b03hzvfv)**

The latest national and international news from BBC Radio 4.

**SUN 18:15 Pick of the Week (b03j8sr)**

The best of BBC Radio this week chosen by Ian McMillan.

On this week's Pick of the Week with Ian McMillan we learn how numbers can really remind us how little we actually know, we find out what happened when one of Dr. Who's assistants took her pink dressing gown off, and we are impressed by John F. Kennedy's TV image when contrasted with that of a perspiring Richard Nixon. There's Opera and Sculpture in Suffolk and crossed lines in Sheffield, and in a searing drama a mother finds out the terrible circumstances of her son's murder from someone who heard his last words. There's comedy, drama, housebricks and the sound of brass bands in the drizzle.

Programmes chosen this week:

Curlew River - Radio 4 [www.bbc.co.uk/programmes/b03hvjqlf](http://www.bbc.co.uk/programmes/b03hvjqlf)The Politics of Architecture - Radio 4  
[www.bbc.co.uk/programmes/b03k5fh2](http://www.bbc.co.uk/programmes/b03k5fh2)Open Country - Radio 4 [www.bbc.co.uk/programmes/b006qgft](http://www.bbc.co.uk/programmes/b006qgft)Irish Micks and Legends - Radio 4  
[www.bbc.co.uk/programmes/b01nxw2q](http://www.bbc.co.uk/programmes/b01nxw2q)Afternoon drama - Lewis and Tolkien - The Lost Road - Radio 4  
[www.bbc.co.uk/programmes/b03hxrjrl](http://www.bbc.co.uk/programmes/b03hxrjrl)The Songs of Molly Drake - Radio 4  
[www.bbc.co.uk/programmes/b03hwn0k](http://www.bbc.co.uk/programmes/b03hwn0k)Last Word - Radio 4 [www.bbc.co.uk/programmes/b006qpmv](http://www.bbc.co.uk/programmes/b006qpmv)Scallop - Radio 4 [www.bbc.co.uk/programmes/b03hvn5q](http://www.bbc.co.uk/programmes/b03hvn5q)

Who is the Doctor? - Radio 2

Saturday Drama - Solomon and Marion - Radio 4  
[www.bbc.co.uk/programmes/b03j63jq](http://www.bbc.co.uk/programmes/b03j63jq)JFK - The First Pop President - Radio 2  
[www.bbc.co.uk/programmes/b00sgzrt](http://www.bbc.co.uk/programmes/b00sgzrt)A History of Britain in Numbers - Radio 4  
[www.bbc.co.uk/programmes/b03j53lh](http://www.bbc.co.uk/programmes/b03j53lh)Tom Wrigglesworth's Hang Ups - Radio 4  
[www.bbc.co.uk/programmes/b03hwbr](http://www.bbc.co.uk/programmes/b03hwbr)Yorkshire Brass - BBC Radio Leeds  
[www.bbc.co.uk/programmes/p001d74g](http://www.bbc.co.uk/programmes/p001d74g)  
Mastertapes - David Crosby -  
[www.bbc.co.uk/programmes/p01lsgwg](http://www.bbc.co.uk/programmes/p01lsgwg).**SUN 19:00 The Archers (b03j8sr)**

Jill won't drive until she's had her eyes tested, so walks to Brookfield to make the Christmas puddings with the children. Ruth's excited about her trip to Budapest for her wedding anniversary but mentions she'd like a family party to celebrate as well. Jill offers to help organise something and suggests asking Elizabeth if they can hold it at Lower Loxley. Ruth's keen but asks for it to be a secret from David.

Eddie and Joe plan to take Bartleby out for the first time since Joe's accident. Joe's frustrated and upset when he's unable to harness the horse, as his hand's still not working properly. Eddie takes the reins of the trap as they ride. Jill's sympathetic, appreciating how frustrating it is to have to rely on others to get around.

Alistair informs Darrell that a bed has become available at the hostel Alan recommended - he can move in today. When they arrive, Darrell starts to have a panic attack. When he gets out of the car he's confused and disoriented and nearly gets hit by a car. Alistair realises he just can't leave Darrell in this state and takes him back home.

**SUN 19:15 My Teenage Diary (b01k290n)**

Series 4

Robert Webb

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.

Rufus Hound is joined by actor Robert Webb whose hilarious and sometimes abrasive teenage diary documents the highs and lows of being seventeen - and the perils of kissing a girl at a party when you don't really fancy her.

Producer: Harriet Jaine

A Talkback production for BBC Radio 4.

**SUN 19:45 Through the Wardrobe (b03j98f9)**

The Belle Dress

In tribute to Belfast-born C.S. Lewis who died on 22nd November 1963, three new short stories take us through doors and portals into unexpected worlds and situations. While novelist and playwright Lucy Caldwell charts a defining moment in the life of someone struggling with their sense of identity, a woman gets to know her neighbours a little more intimately than she could ever have expected in a story from novelist and screenwriter Glenn Patterson. And finally in a new story from Frank Cottrell Boyce we discover what might happen if C.S. Lewis himself were to discover an opening to another world. What might such a world contain?

The Belle Dress by Lucy Caldwell

Read by Kerr Logan

Produced in Belfast by Heather Larmour.

**SUN 20:00 Feedback (b03hxkk9)**

Radio 4's Mastertapes returned for a third series last week, with John Wilson talking to musicians about a career-defining album in front of a live audience. The series began with Robbie Williams discussing his debut solo album Life Thru a Lens. But would the programme be more at home on a music network like Radio 2 or 6Music, rather than Radio 4? Roger Bolton talks to the series producer Paul Kobrak about the place for a programme like Mastertapes on a speech network.

When Any Questions visited the historic Chartwell House for last Friday's broadcast, presenter Jonathan Dimbleby was cut off just as the programme began, only to return seemingly on the telephone. And later in the week, James Naughtie was oblivious that he had dropped off the air for twelve seconds during the Today programme. Is Radio 4 the victim of sabotage or is there a ghost in the machine?

There is a takeover happening at the Beeb - some lucky listeners will be invading studios, cropping up as the voice of 'Previously on PM', and even visiting Ambridge (or at least the studio where The Archers is recorded). They're the winners of charity auctions to raise money for Children in Need. But some listeners wonder whether this type of fundraising is unfair to those without large sums of money to spare and ask whether a lottery would be fairer. Roger Bolton speaks to Children in Need's Head of Editorial, Gareth Hydes.

And we're looking for your questions for the Controller of BBC Radio 2, Bob Sheman. He'll be joining Roger Bolton next week to hear your comments and answer whatever you'd like to ask him. So please send your thoughts to us using the usual contact methods.

Producer: Will Yates

A Whistledown production for BBC Radio 4.

**SUN 20:30 Last Word (b03hxkk7)**

Frederick Sanger, Doris Lessing, Ray Gosling, Jock Kane, Austin John Marshall

Matthew Bannister on

Frederick Sanger, the only Briton - and one of only four people in the world - to win the Nobel Prize twice. His work underpinned the Human Genome Project.

Also another Nobel prize winner - the prolific novelist Doris Lessing. We have tributes from Brian Aldiss and Faye Weldon.

The broadcaster and gay rights campaigner Ray Gosling who made quirky and distinctive programmes for BBC Radio.

Jock Kane, who blew the whistle on security breaches at GCHQ.

And the record producer Austin John Marshall, best known for his work with his wife, the folk singer Shirley Collins. She pays tribute.

Producer: Neil George.

**SUN 21:00 Money Box (b03j63jl)**

[Repeat of broadcast at 12:00 on Saturday]

**SUN 21:26 Radio 4 Appeal (b03j8kst)**

[Repeat of broadcast at 07:55 today]

**SUN 21:30 Analysis (b03hvn6n)**

Roberto Unger

Renowned social theorist Roberto Unger believes that left-of-centre progressives - his own political side - lack the imagination required to tackle the fundamental problems of society. In the run-up to the US presidential elections of 2012, he declared that his former student Barack Obama "must be defeated". Professor Unger argued that President Obama had failed in his first term in office to advance the progressive cause. There was, Unger maintained, effectively no difference between the Democrat and Republican political programmes.

In front of an audience at the London School of Economics and Political Science, Roberto Unger discusses with presenter Jo Fidgeon the reasons for his critical appraisal of the progressive left in the United States and Europe. He sets out what he believes its alternative agenda should be and gives his verdict on another of his former students: Ed Miliband.

Roberto Mangabeira Unger is the Roscoe Pound professor at Harvard Law School. He served as a minister in the Brazilian government of President Luiz Inácio Lula da Silva from 2007-2009. His books include: "The Left Alternative"; "Democracy Realised"; and "The Self Awakened". His new book, published next year, will address a new theme: "The Religion of the Future".

#LSEProgressive

Producer: Simon Coates.

**SUN 22:00 Westminster Hour (b03j98tc)**

Preview of the week's political agenda at Westminster with MPs, experts and commentators. Discussion of the issues politicians are grappling with in the corridors of power.

**SUN 22:45 What the Papers Say (b03j98ft)**

A look at how the newspapers are covering the biggest stories.

**SUN 23:00 The Film Programme (b03hwrxf)**

The Family; Blue Is the Warmest Colour; Catching Fire; 47 Ronin

Francine Stock talks to Stanley Tucci, camp compeere of the deadly Hunger Games, on the constant reinvention of the character actor. Based on the young adult novels of Suzanne Collins, part two of the Hunger Games series, Catching Fire, is released this month and stars Jennifer Lawrence and Woody Harrelson.

Abdellatif Kechiche, the director of Blue is the Warmest Colour, explains why he wants to break free from the conventions of cinema, whether it's content, form or duration. Winner of this year's Palme D'Or at the Cannes Film Festival, the film is an explicit and affecting tale of two young women and their tempestuous relationship. He also answers complaints that he was an excessively demanding director for both cast and crew.

Robert De Niro and Michelle Pfeiffer discuss The Family, a story of a mob family in hiding and their increasingly farical - and murderous - attempts to fit into their new lives incognito.

Plus 47 Ronin, the Japanese legend of the masterless samurai, retold in an American produced film with Keanu Reeves released this Christmas. Alexander Jacoby of Oxford Brookes University explores its reincarnations across the generations.

Producer: Elaine Lester.

**SUN 23:30 Something Understood (b03j8ksm)**

[Repeat of broadcast at 06:05 today]

**MONDAY 25 NOVEMBER 2013****MON 00:00 Midnight News (b03hzvzg)**

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

**MON 00:15 Thinking Allowed (b03hwrck)**

The Poppy; Traveller Children in Schools

The Poppy - a cultural history. Laurie Taylor talks to renowned

archaeologist and anthropologist, Nicholas Saunders, about his account of the origins, history and many meanings of the Remembrance Day Poppy. From ancient Egypt to Flanders Field to Afghanistan. How did a humble flower of the field become a worldwide icon? They're joined by Professor of History, Joanna Bourke. Also, Reader in Education, Kalwant Bhopal, discusses her research into the experience of traveller children in schools.

Producer: Jayne Egerton.

**MON 00:45 Bells on Sunday (b03j8ksk)**  
[Repeat of broadcast at 05:43 on Sunday]

**MON 00:48 Shipping Forecast (b03hzv1)**  
The latest shipping forecast.

**MON 01:00 Selection of BBC World Service Programmes (b03hzv3)**  
BBC Radio 4 joins the BBC World Service.

**MON 05:20 Shipping Forecast (b03hzv5)**  
The latest shipping forecast.

**MON 05:30 News Briefing (b03hzv7)**  
The latest news from BBC Radio 4.

**MON 05:43 Prayer for the Day (b03jtnlq)**  
A spiritual comment and prayer to begin the day with Canon Steve Williams.

**MON 05:45 Farming Today (b03j9b3j)**  
The Northern Ireland Food Standards Agency are investigating claims that milk is being smuggled across the boarder from the Irish republic. Whilst they say the so-called 'black milk' poses no danger to human health, the illegal act of filling milk tanks from outside herds could affect the traceability of UK milk. The Irish Farmers Association say that they've not heard of any illegal activity but that farmer shouldn't be tempted to sell their excess milk over the boarder.

They do say however that the Irish dairy industry have already exceeded their milk production quotas for this quarter and could face fines. There's also a growing ambition from the Irish Government to encourage milk production to grow the industry for when quotas are relaxed in 2015, which could impact on British milk production.

More than 50 horses have died after being poisoned by acorns in the New forest this year. The cold Spring and warm Autumn have meant that oak trees have produced a larger than normal crop of acorns than normal and pannage, the tradition of using pigs to root for acorns in the forest has been extended for an extra six week in order to reduce the amount of acorns on the forest floor.

Presented by Charlotte Smith and produced by Jules Benham.

**MON 05:56 Weather (b03hzv9)**  
The latest weather forecast for farmers.

**MON 05:58 Tweet of the Day (b03dx8yf)**  
Black-Tailed Godwit

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

Martin Hughes-Games presents the Black-Tailed Godwit. A black-tailed godwit in its summer finery is a stunningly attractive bird, russet brown with a long orange and black bill. A few pairs of black-tailed godwits breed in the UK, most of them in damp grazing meadows such as the Ouse Washes in East Anglia. When breeding is over the male and female split up and spend the winter months apart, often in widely separated locations.

**MON 06:00 Today (b03j9b3l)**  
Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

**MON 09:00 Start the Week (b03j9b3n)**  
Bianca Jagger on human rights

Tom Sutcliffe looks at the future of human rights with the campaigner Bianca Jagger and academic Stephen Hopgood. Jagger points to the failure of the global community to tackle violence against women and girls, while Hopgood sounds the death knell for international Human Rights with the rise of

religious conservatism and the decline in influence of Europe and America. Pakistan's Tribal Area close to Afghanistan is the setting for Fatima Bhutto's debut novel, and the playwright Howard Brenton examines the chaos of the partition of India in his latest production, Drawing The Line.

Producer: Katy Hickman.

**MON 09:45 Book of the Week (b03j9h73)**  
Philip Short - Mitterrand

Episode 1

'Other nations have scandals. The French have affairs.' And Francois Mitterrand was no exception.

Former BBC foreign correspondent Philip Short has written a compelling biography of the French leader who was famous for his ambiguity.

Henry Goodman reads the fascinating story, starting with the infamous 'Observatory Affair', which nearly finished Mitterrand's political career.

Abridged and produced by Jane Marshall  
A Jane Marshall production for BBC Radio 4.

**MON 10:00 Woman's Hour (b03j9h75)**  
Mary J Blige; Louise Casey; Women on Bikes

Mary J Blige. Social isolation among the elderly - Sam Nicklin, Age UK and Jill Shaw Ruddock, founder of the Second Half Foundation give their ideas on how best to avoid it. Louise Casey, Director General of the Troubled Families scheme. We talk to Bristol historian, Jim McNeil about The Lady Tenor, Ruby Helder who died 75 years ago. Why are there so few women cyclists on the road? We discuss with Dr Rachel Aldred and Kirsteen Torrance.

Presented by Jane Garvey  
Produced by Kirsty Starkey.

**MON 10:45 15 Minute Drama (b03j9h77)**  
Alexander Pushkin - Eugene Onegin

Episode 1

By Alexander Pushkin.

Adapted by Duncan Macmillan.

Drama based on one of Russia's best loved poems, and the life of the man who wrote it. As Alexander Pushkin prepares to fight a duel, his wife begs him to tell her his most famous story, Eugene Onegin. Onegin is the darling of St. Petersburg. He is young, handsome and bored. But a trip to the countryside is about to change his life forever.

Directed by Abigail le Fleming

About the adapter  
Duncan Macmillan is an award winning writer and director. Former Writer in Residence at Paines Plough and the Royal Exchange Theatre, he has written extensively for theatre in addition to working in radio and television.

Duncan is currently writing new plays for the National Theatre, Soho Theatre, Paines Plough and BBC Radio and is adapting George Orwell's 1984 with director Rob Icke for Headlong/Nottingham Playhouse.

**MON 11:00 Living with New Welfare (b03j9h79)**  
Felicity Evans hears the personal stories behind the government's Direct Payments trial.

Direct Payments form a central part of the Coalition's planned changes to the benefits system. It confers responsibility for managing money on the recipients themselves. In the case of Housing Benefit for social housing tenants, the rent is paid directly into the recipient's bank account rather than to their landlord, with the task of paying the landlord falling with the individuals concerned. The intention is that it will increase their sense of responsibility over their own lives and make them better able to cope should they move into a job.

It's a controversial change. It gives a taste of the financial accountability that most people have to shoulder. But for some individuals it means a significant adjustment, as they possibly navigate a bank account for the first time, or deal with conflicting demands on an already limited pot of money - if the rent appears in your bank account, what's to stop you spending it on something other than the rent? Social landlords are concerned that it will result in increased arrears and impact on

their revenue streams.

Since June 2012, the Department for Work and Pensions has run pilot projects in six areas across the UK in order to assess how well tenants would cope with having their housing benefit paid in this way. One of these trial areas is Torfaen in South Wales, and in this programme, Felicity Evans goes behind the headlines to hear about the experiences of several participants in Torfaen. How has the change impacted their lives? And who really benefits?

Producer: Martin Williams.

**MON 11:30 Ed Reardon's Week (b03j9h7c)**  
Series 9

The Berkhamstead Job

Ed Reardon leads us through the ups and down of his week, complete with his trusty companion, Elgar, and his never-ending capacity for scripping and scrapping at whatever scraps his agent, Ping, can offer him to keep body, mind and cat together.

When Ed's flat burns down his old nemesis, Jaz Milvain, rides to the rescue. As a "National Treasure" lots of people want to work with Jaz (or so he says) and he's got some serious investors who want him to make a movie - an action-adventure with a quirky sci-fi twist. Ed is not keen until Alex offers him a rather nice hotel to work from. So it is that Ed starts writing 'Doctor Bond', or is it 'Harry Hobbit'.....

Written by Andrew Nickolds and Christopher Douglas  
Produced by Dawn Ellis.

**MON 12:00 You and Yours (b03j9h7f)**  
nPower; Timeshares; Broadband bills

An executive from N Power explains why one listener's bill hasn't been sorted out for ten months. The holiday dreams that people can't give away for free. We'll hear about people trapped with Timeshares they just don't want. We're in the Orkneys to find out whether air source heat pumps really can save money on your electricity bills. Plus, why your broadband bill could suddenly rise in price without warning.

**MON 12:57 Weather (b03hzvhc)**  
The latest weather forecast.

**MON 13:00 World at One (b03j9h7h)**  
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

**MON 13:45 A History of Britain in Numbers (b03j9lv4)**  
Education

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programme counts rotten teeth and adds up what people ate, what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

Each of these ten programmes takes one theme, to explore how far we have made progress, and why it might continue, or falter.

6. Education.  
Andrew looks into the data concerning education, and finds a story of a sudden spread of privilege, largely in the space of a century or two - first in school, then in university. In other words, it's a story about 'access', the modern buzzword for an old problem.

Producer: Michael Blastland  
A Whistledown production for BBC Radio 4.

**MON 14:00 The Archers (b03j8srx)**

[Repeat of broadcast at 19:00 on Sunday]

**MON 14:15 Drama (b010mrz5)**  
Countrysides

Countrysides follows a hunt master (Tim McInermy) and an anti hunt protester (Russell Tovey) who find a fragile human connection despite their opposing positions. It is a story about the relationship between hunter and prey and what happens when those behaviours are reversed.

Based on extensive research, Countrysides explores what is happening in the countryside in response to the Hunting Act and represents the views and feelings of people involved on all sides

Says writer Anita Sullivan:

"I started writing this play because I wanted to really understand the issues involved. Like many people, I thought I knew what happened at a fox hunt and why that can be seen as offensive and cruel. But I wanted to go deeper than a news bulletin. I wanted to understand why people on both sides feel so passionately about the fox hunt that it becomes central to their lives: why they're prepared to face legal action and direct confrontation with their opponents on a weekly basis. Most importantly, I wanted to understand how the bill defines the interaction between wildlife, hunting, farming and the law... and above all, between people."

Countrysides was recorded in London and on location in Sussex. The cast also includes: Lucy Speed, Nicholas Boulton, Sam Dale and Tom Stanley.

Producer: Karen Rose  
A Sweet Talk production for BBC Radio 4.

**MON 15:00 Round Britain Quiz (b03j9lv6)**  
(11/12)

Can you re-arrange a tidal wave so it becomes a Richard Burton epic, a Dutch migrant, or a handicap in York?

Journalist and author Marcel Berlins and former Mastermind Fred Housego take on the literary historian Michael Alexander and the journalist Alan Taylor, in this week's battle of wits between the South of England and Scotland. Tom Sutcliffe is in the chair, asking the questions and giving out helpful clues wherever the teams need them. But the more helpful hints he has to give, the more points he deducts from their scores.

A win for either team could make a big difference to their final positions in this year's Round Britain Quiz rankings, as the end of the 2013 series approaches.

As usual there are several questions suggested by listeners hoping to outwit the panel, and the questions are available in full on the programme's webpages so you can play along.

Producer: Paul Bajoria.

**MON 15:30 The Food Programme (b03j8srd)**  
[Repeat of broadcast at 12:32 on Sunday]

**MON 16:00 The Legacy of Uncle Tom (b03j9lv8)**

When Harriet Beecher Stowe wrote Uncle Tom's Cabin in 1852, it immediately caused a stir and created a groundswell of anti-slavery feeling. Legend has it that when Stowe visited the White House during the American Civil War, Abraham Lincoln greeted her with the words 'So you're the little woman who wrote the book that made this great war!'.

The novelist and critic Erica Wagner examines the lasting legacy of this book, from its abolitionist beginnings to the racial stereotypes Stowe's characters became. To be called an 'Uncle Tom' is one of the harshest racial slurs that can be thrown at an African-American person, and yet the idea of the submissive race traitor is quite different from Stowe's original character.

Erica explores the part that Uncle Tom's Cabin played in the politics of race in America, and how the ground that it broke, in fact, resulted in its own demise. The programme ranges from Stowe's home in Brunswick Maine, where Harriet Beecher Stowe harboured a runaway slave, to the American Antiquarian Society in Massachusetts and the Harriet Beecher Stowe Center in Connecticut, where the wealth of spin-off merchandise are explored. Joan Hedrick, who won a Pulitzer Prize for her biography Harriet Beecher Stowe: A Life sets Stowe in historical context and the award-winning choreographer Bill T Jones, and the playwright Robert Alexander bring the novel's story right up to date. The Legacy of Uncle Tom traces the reactions to this work from the Abolition Movement, through the Civil Rights Movement to the Rodney King beating in 1991 and the murder of Trayvon Martin last year. Race and politics remain at the heart of this story, as does every person's right to liberty.

Producer: Philippa Geering

A Unique production first broadcast on BBC Radio 4 in November 2013.

**MON 16:30 The Infinite Monkey Cage (b03j9lvb)**  
Series 9

Through the Doors of Perception

This week, Brian Cox and Robin Ince attempt to walk through the doors of perception. On the way, they'll encounter the nature of consciousness, the secret messages hidden in pop songs, the problem of objectivity (it's subjective) and how time appears to warp. This week's guests are psychologist and presenter of Radio 4's All in the Mind, Claudia Hammond, Neuroscientist Beau Lotto and the writer Alan Moore.  
Producer: Rami Tzabar.

**MON 17:00 PM (b03j9lvq)**  
Coverage and analysis of the day's news.

**MON 18:00 Six O'Clock News (b03hzvfh)**  
The latest national and international news from BBC Radio 4.

**MON 18:30 I'm Sorry I Haven't A Clue (b03j9m1h)**  
Series 60

Episode 3

The nation's favourite wireless entertainment pays a visit to the Theatre Royal Drury Lane. Regulars Barry Cryer, Graeme Garden and Tim Brooke-Taylor are joined on the panel by special guest Victoria Wood, with Jack Dee in the chair. Colin Sell provides piano accompaniment.

This programme was originally broadcast in November 2013.

Producer - Jon Naismith.

**MON 19:00 The Archers (b03j9mwj)**  
Although Kathy has started her new job, she's grateful that Caroline is still offering her an interview for the post at Grey Gables. Kathy can fit this in on Friday.

Oliver persuades Caroline to have lunch with him at Grange Farm. He's out picking holly when she arrives. He comments that he hasn't seen the Grundys there collecting their holly. Caroline's hardly surprised - Joe may have had his compensation but there are still bridges to build.

Helen's off with Henry to meet Pat when she bumps into Rob and Jess. Helen panics but Jess is very friendly so she's forced into a conversation. Henry excitedly rushes to Rob but he's standoffish. This makes Henry cry, giving Helen a reason to leave.

Distraught Helen relieves Kirsty from Ambridge Organics. When Rob catches Helen up he apologises. He didn't mean to upset Henry and thinks she should have stopped him running over. Helen's angered by his callousness and asks Rob to go.

Kirsty's shocked when Helen finally tells her what happened, but Helen says it doesn't matter what Kirsty says, she still loves Rob. She can't switch the feeling off and doesn't know what to do.

**MON 19:15 Front Row (b03j9mx0)**  
Saving Mr Banks; Paula Milne; Janine Jansen

With Mark Lawson.

Saving Mr. Banks dramatises the real-life story behind the creation of Disney film Mary Poppins, starring Emma Thompson as Poppins author P.L. Travers and Tom Hanks as Walt Disney. Sarah Crompton reviews.

The Politician's Wife screenwriter Paula Milne talks about the inspiration behind her drama Legacy, a new Cold War thriller for BBC2, starring Romola Garai, Charlie Cox and Simon Russell Beale.

Award-winning violinist Janine Jansen discusses her new album of Bach Concertos and her relationship with her instrument, the 'Barre' by Antonio Stradivari (1727), which is on extended loan.

Producer: Claire Bartleet.

**MON 19:45 15 Minute Drama (b03j9h77)**  
[Repeat of broadcast at 10:45 today]

**MON 20:00 PISA - Global Education Tables Tested (b03j9mx2)**

Governments around the world are waiting - some eagerly, but most rather anxiously - for the latest results of the PISA survey, due on 3rd December. Carried out every three years since 2000 by the powerful Organisation for Economic Cooperation and Development, it assesses the performance of school-children in 70 countries, comprising 90% of the global economy. The OECD processes the results to rank countries' education systems and the rankings are used to justify major changes in the way many of those children are taught and tested.

In Britain, and particularly in England, the results are given huge publicity, with politicians and commentators from across the spectrum falling on them to justify their own views of how children should be educated.

But is it appropriate to use the statistics at the heart of PISA in this way? Can education systems be compared across widely differing cultures to produced meaningful 'league tables'?

Cambridge University professor David Spiegelhalter investigates, talking to leading academics in the world of education including Svend Kreiner in Copenhagen, Harvey Goldstein at Bristol and Oxford's Jenny Ozga. He discusses the issues with staff at the National Foundation for Educational Research who administer the PISA tests in the UK and puts the criticisms to the OECD's Andreas Schleicher, the man that Education Secretary Michael Gove once called 'the most important man in British education' because his work on PISA.

Producer: Mike Hally  
A Square Dog Radio production for Radio 4.

**MON 20:30 Crossing Continents (b03hwn0h)**  
Moldova - Sour Grapes

Wine making in Moldova is a source of national pride - they have been growing vines for centuries. During Soviet times the country was encouraged to become one of the USSR's major wine suppliers and it has remained so ever since. But recently Russia banned the importation of Moldovan wine for the second time in a decade.

Tessa Dunlop visits the prestigious Cricova winery - whose cellars have 120km of underground roads and holds bottles for the likes of Angela Merkel and President Putin - to see how the ban is affecting the poorest country in Europe.

Moldova fears that a continuing embargo will devastate its fragile economy. The Moldovan president has condemned it as an aggressive move by Russia to bully Moldova into reconsidering its commitment to forging closer relations with the European Union. Many Moldovans believe Russia wants to make their country reconsider ratifying an agreement with the EU at the end of November.

The result is that growers have vats maturing wine that may have no market. Enterprising younger wine producers, many of whom bought out former state enterprises, fear their investment may have been a mistake. Workers are concerned they may lose their jobs with little chance of alternative employment in the poorest country in Europe.

For Moldova this is symbolic of a bigger problem - it wants to join the EU party and become part of Europe but its economy remains heavily dependent on Russia for gas and cash. Meanwhile the 14th Russian army is based just miles from their capital in the disputed territory of Transnistria.

Moldova faces difficult choices

Producer: Jane Beresford.

**MON 21:00 Shared Planet (b03hvtqc)**  
Traditional Societies

Traditional societies and the wildlife that depends on them are disappearing. Can we preserve these fragile species? Or is the pressure to develop too great in our world? This week's field report comes from Ethiopia where one of the most endangered birds in the world, the Ethiopian Bush Crow, teeters on the verge of extinction as the traditional societies they rely upon disappear. This beautiful bird needs a particular regime of grazing and scrub to survive, but the societies that provide the right habitat are fast disappearing as development and modernisation takes over. Can we, should we, pour resources into protecting the crow when there is so much demand for money and space? Monty Don explores, with renowned writer Jared Diamond, the value of traditional societies and what we lose when they finally vanish.

**MON 21:30 Start the Week (b03j9b3n)**  
[Repeat of broadcast at 09:00 today]

**MON 21:58 Weather (b03zhvhh)**

The latest weather forecast.

**MON 22:00 The World Tonight (b03j9np0)**

Obama defends deal with Iran over nuclear programme. Royal Bank of Scotland to investigate own treatment of small businesses after highly critical reports. A look ahead to Scottish govt's blueprint for independence. Presented by Carolyn Quinn.

**MON 22:45 Book at Bedtime (b03j9np2)**

The Charioteer

Episode 1

By Mary Renault

After an injury at Dunkirk, Laurie Odell is sent to a veterans' hospital to convalesce. There he befriends Andrew, a conscientious objector serving as an orderly. But when Ralph, a mentor from his school days, reappears in his life, Laurie is forced to choose between the sweet ideals of innocence and the distinct pleasures of experience.

Episode 1:

Idealistic Laurie Odell is up in arms when his hero, prefect Ralph Lanyon, is expelled from their school for immorality - and Ralph bequeaths him a life-changing book.

Read by: Anton Lesser

Abridged by Eileen Horne

Produced by Clive Brill

A Pacificus production for BBC Radio 4.

**MON 23:00 Mastertapes (b03k3hdb)**

Series 3

Natalie Merchant (the A-Side)

John Wilson returns with a new series of Mastertapes, in which he talks to leading performers and songwriters about the album that made them or changed them. Recorded in front of a live audience at the BBC's iconic Maida Vale Studios. Each edition includes two episodes, with John initially quizzing the artist about the album in question, and then, in the B-side, the audience puts the questions. Both editions feature exclusive live performances.

Programme 1, A-side. "Tigerlily" with Natalie Merchant

Completely self-funded (to ensure creative control), "Tigerlily" went on the sell over 5 million copies and continues to be Natalie Merchant's most successful album to date. Its bold and stripped down sound gave more emphasis to her powerful and often personal lyrics, including "Beloved Wife" (inspired by her grandfather's grief in the wake of her grandmother's passing) and "River" (written in response to the sudden and untimely death of her friend River Phoenix). The album also included the top-40 singles "Wonder" and "Jealousy", as well as her first top-ten hit as a solo artist, "Carnival".

Complete versions of the songs performed in the programme (and others) can be heard on the 'Mastertapes' pages on the Radio 4 website, where the programmes can also be downloaded and other musical goodies accessed.

Producer: Paul Kobrak.

**MON 23:30 Today in Parliament (b03j9nzb)**

The Foreign Secretary reports on the international deal with Iran over its nuclear programme. The first reading of the HS2 bill. And peers discuss the rolling out of Clare's Law - which allows people to check to see if their partner has a violent past. Sean Curran reports from Westminster.

**TUESDAY 26 NOVEMBER 2013****TUE 00:00 Midnight News (b03hzvjb)**

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

**TUE 00:30 Book of the Week (b03j9h73)**

[Repeat of broadcast at 09:45 on Monday]

**TUE 00:48 Shipping Forecast (b03hzvjd)**

The latest shipping forecast.

**TUE 01:00 Selection of BBC World Service Programmes (b03hzvjg)**

BBC Radio 4 joins the BBC World Service.

**TUE 05:20 Shipping Forecast (b03hzvjj)**

The latest shipping forecast.

**TUE 05:30 News Briefing (b03hzvjl)**

The latest news from BBC Radio 4.

**TUE 05:43 Prayer for the Day (b03jtm5)**

A spiritual comment and prayer to begin the day with Canon Steve Williams.

**TUE 05:45 Farming Today (b03j9yp8)**

England is being encouraged to follow the Welsh Government's lead and clamp down on illegal fly-grazing. Wales is fast-tracking legislation which would let councils seize animals left to graze on other people's land without permission, after years of complaints from farmers. But horse charities fear that the problem could simply move across the border. They say they're already noticing an increase in abandoned horses in England. MPs debate the issue in Westminster today.

Farming Today meets the goat farmers who - just as winter sets in - are tricking their animals into thinking it's already spring. Jules Benham finds out why this keeps the supply of goat's milk steady throughout the year.

And why adding small amounts of copper to farm soils could reduce greenhouse gases by as much as 10 percent worldwide.

Presented by Anna Hill and produced by Emma Campbell.

**TUE 05:58 Tweet of the Day (b03dx91j)**

Tree Sparrow

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

Martin Hughes-Games presents the Tree Sparrow. With its russet cap, white cheeks and smarter appearance, the tree sparrow looks like a freshly-scrubbed house sparrow. Unlike house sparrows whose sexes look very different, the male and female tree sparrows are identical.

**TUE 06:00 Today (b03j9ypd)**

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

**TUE 09:00 The Politics of Architecture (b03j9ypj)**

Episode 2

Jonathan Glancey investigates the forces that shape the design of our everyday buildings, and how this could be improved.

In this episode, he finds out how we lost the art of designing beautiful places - and how it is being rediscovered.

Producer: Phil Tinline.

**TUE 09:30 15 by 15 (b037vb3y)**

Series 2

Jam

Hardeep Singh Kohli chooses a word and sets off on an exploration into its origins, meeting people for whom it has different associations. He hopes to learn 15 things along the way.

Today's word is 'jam', and etymologist Susie Dent is on hand to explain the origin of the word as an onomatopoeic sound of the jaws 'champing' or chomping away at food. Soon it developed the meaning of being squeezed or trapped, and first appeared in Daniel Defoe's 'Robinson Crusoe'.

Hardeep encounters Russell Holden who reports on traffic jams across the UK and, on a more tasty track, he samples the preserves of Emmerline Smy, who has been making jams, jellies and chutneys for 20 years.

Susie Dent shows how the musical sense of 'jam' came along in the 30s, and Hardeep visits the Blues Jam at The Globe in Hackney and a Maths jam in Holborn.

Producer: Richard Bannerman

A Ladbroke production for BBC Radio 4.

**TUE 09:45 Book of the Week (b03js7pk)**

Philip Short - Mitterrand

Episode 2

Francois Mitterrand was the son of a station master at

Angouleme in Cognac country but by the late 1930's, as a student in Paris, he had discovered a fascination with politics.

And with his political ideas still forming in his mind, he was faced with the dilemma of whether to follow the right wing tradition of his conservative, Catholic family or whether to branch out; whether he would support the Vichy government or help to form a Resistance.

This new biography of Mitterrand has been written by former BBC Foreign Correspondent Philip Short.

Reader: Henry Goodman

Abridged and produced by Jane Marshall.

A Jane Marshall production for BBC Radio 4.

**TUE 10:00 Woman's Hour (b03jb1vv)**

Women and the Law

Alison Saunders in her first interview for Woman's Hour since becoming Director of Public Prosecutions. Labour MP Bridget Phillipson on why the criminal justice system is being scrutinised by an all-party group of parliamentarians on how well it deals with women who have been subjected to domestic or sexual violence. One woman describes her struggle to get legal aid to protect herself and her children following government changes to cut £350 million from the £2.2 billion cost of funding civil actions in England and Wales. Family lawyer Christina Blacklaws and Women's Aid chief executive Polly Neate on the impact of those changes to civil legal aid since April. Justice Minister Lord McNally on the safeguards intended to protect funding for cases such as domestic violence.

Presenter: Jane Garvey.

Producer: Anne Peacock.

**TUE 10:45 15 Minute Drama (b03jb1vx)**

Alexander Pushkin - Eugene Onegin

Episode 2

By Alexander Pushkin

Adapted by Duncan Macmillan

Drama based on one of Russia's best loved poems, and the life of the man who wrote it. The night before a duel, Alexander Pushkin continues to tell his wife his most famous story: Eugene Onegin. City boy Onegin has inherited his uncle's rural estate. His new friend Lensky persuades him to make a fateful visit to meet his neighbours.

Directed by Abigail le Fleming

About the adapter

Duncan Macmillan is an award winning writer and director.

Former Writer in Residence at Paines

Plough and the Royal Exchange Theatre, he has written

extensively for theatre in addition to

working in radio and television.

Duncan is currently writing new plays for the National Theatre,

Soho Theatre, Paines

Plough and BBC Radio and is adapting George Orwell's 1984

with director Rob Icke for

Headlong/Nottingham Playhouse.

**TUE 11:00 Shared Planet (b03jb1vz)**

Wildlife Conflict

As human population grows there is increasing conflict between people and nature. Competition for space and resources is intense in many areas and increasingly some species are regarded as pests when they raid crops, damage forestry or compete with us for game. Identified as one of the greatest challenges for conservation in the 21st Century, solutions are actively being sought. Whether it is living with big cats, birds of prey or reptiles, solutions will require conservationists to sit down with those who want to eradicate unwanted wildlife and be willing to accept compromise. Monty Don explores where the hotspots are, what is happening to broker solutions and what the future looks like in an increasingly crowded world.

**TUE 11:30 Soul Music (b03jb1w1)**

Series 17

Strange Fruit

"Southern trees bear a strange fruit, blood on the leaves and blood at the root..." Billie Holiday's famous song expresses the horror and anguish of those communities subjected to a campaign of lynching in the American South. Soul Music hears the stories of people whose relatives were lynched by white racists and of the various forms of grief, anger and



reconciliation that have followed. These include the cousin of teenager Emmett Till, whose killing in 1955 for whistling at a white woman, added powerful impetus to the civil rights movement.

Despite its association with the deep south, the song was actually composed in 1930's New York by a Jewish schoolteacher, Abel Meeropol. Meeropol adopted the children of Julius and Ethel Rosenberg after they were executed in 1953 as Soviet spies. One of those children, Robert, talks of his adopted father's humanity and his belief that the Rosenbergs were killed in a 'state sanctioned lynching by the American government'. For him, Strange Fruit is a comforting reminder of his adopted father's passionate belief in justice and compassion.

Producer: Maggie Ayre.

#### **TUE 12:00 You and Yours (b03jb1w3)**

Is a degree the best route to a successful career?

A university education has long been seen as an excellent way to kick-start a successful and rewarding career. But figures released recently by the Office of National Statistics suggest that increasing numbers of graduates are working in non-graduate roles. This together with the prospect of taking on a student debt, is causing some school leavers to think twice before applying for university. An increasingly varied range of apprenticeships is also tempting some to choose a non-graduate route. If you went to university, did it deliver the benefits you expected? What's your experience of the graduate job market? Email youandyours@bbc.co.uk  
Producer: Jonathan Hallewell  
Presenter: Winifred Robinson.

#### **TUE 12:57 Weather (b03hzvjn)**

The latest weather forecast.

#### **TUE 13:00 World at One (b03jb1w5)**

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

#### **TUE 13:45 A History of Britain in Numbers (b03jb1w7)**

Work

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programme counts rotten teeth and adds up what people ate, what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

This is all presented with innovative radio techniques to capture data in sound - for example, new ways of creating graphs for the senses so that we can not just know, but feel, the changes. Each of these ten programmes takes one theme, to explore how far we have made progress, and why it might continue, or falter.

#### **7. Work**

How does our long-working-hours culture, often with low wages and job insecurity, compare with the past?

Producer: Michael Blastland

A Whistledown production for BBC Radio 4.

#### **TUE 14:00 The Archers (b03j9mwy)**

[Repeat of broadcast at 19:00 on Monday]

#### **TUE 14:15 Drama (b03jb1w9)**

Arlo

by John Retallack.

There's nothing that Arlo would like better than bringing his parents back together again. A love story with songs.

Singer Madeleine Worrall

Musician: Neil McArthur

Director: David Hunter

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This is the story of Grace, a small-time folk singer and Tom a journalist seen through the eyes of their son Arlo who is about to join the Royal Marines. Their passionate youthful affair and marriage at 18 turns sour when Tom feels trapped by his teaching job and side-lined by parenthood. Extended aid trips lead to a career abroad and Grace and Arlo are left behind to fend for themselves in rural Devon.

Mother and son form an especially strong bond, even singing together - a bond that is eventually threatened by Grace contemplating a new relationship and Arlo developing the notion that he has driven his parents apart. And then, having come across groups of training Marines on his increasingly extended wanderings on the Moors, Arlo has a plan.

Arlo has always felt guilty about breaking up the seemingly perfect marriage and there's nothing he'd like better than bringing his parents back together.

Set in the world of small scale folk clubs there will be songs from Grace - (Madeleine Worrall sings with THE GREEN HOUSE BAND).

#### **TUE 15:00 The Kitchen Cabinet (b03jb1wc)**

Series 5

RAF Lakenheath

Jay Rayner is at the American airbase at RAF Lakenheath in Suffolk for this episode of Radio 4's culinary panel programme.

Answering questions from the audience are resident food historian Annie Gray, Catalan cuisine specialist Rachel McCormack, food writer Tim Hayward and 2011 Masterchef-winner, originally from Wisconsin, Tim Anderson.

In this American special, we discuss unusual Thanksgiving side dishes, variations of Mac and Cheese, the glamour of Cocktail Hour and the American classics our panellists have adopted.

Lakenheath's resident nutritionist talks to us about catering for servicemen on tour and the panel samples the contents of a typical calorie-packed ration pack.

Food Consultant: Anna Colquhoun.

Producer: Victoria Shepherd.

A Somethin' Else production for BBC Radio 4.

#### **TUE 15:30 Mastertapes (b03k3hms)**

Series 3

Natalie Merchant (the B-Side)

John Wilson continues with his new series in which he talks to leading performers and songwriters about the album that made them or changed them. Recorded in front of a live audience at the BBC's iconic Maida Vale Studios. Each edition includes two episodes, with John initially quizzing the artist about the album in question, and then, in the B-side, the audience puts the questions. Both editions feature exclusive live performances.

Programme 2 (B-side). Having discussed the making of "Tigerlily", her debut solo album made after leaving 10,000 Maniacs (in the A-side of the programme, and available online), Natalie Merchant responds to questions from the audience and performs live versions of some of the tracks from the album.

Complete versions of the songs performed in this programme (and others) can be heard on the 'Mastertapes' pages on the Radio 4 website, where the programmes can also be downloaded and other musical goodies accessed.

Producer: Paul Kobrak.

#### **TUE 16:00 Spin the Globe (b03jb1wh)**

Series 1

1914

Historian Michael Scott continues his series offering a global perspective on familiar historic dates. Today it's 1914 which saw the outbreak of the First World War, making Europe the centre of a world conflict.

But European influence had spread all over the globe and, amongst many colonial ventures, Michael learns of the triumphant completion of a railway that linked the East coast of Africa with the shores of Lake Tanganyika. The railway was driven through German East Africa and soon after completion

would play an important, if less than familiar, part in the conflict between the great powers.

The trains running from Dar Es Salaam to Kigoma were driven by steam, but 1914 saw the discovery and development of a massive new resource of the 20th century's fuel of choice - Oil. That was the year that serious pumping began on Venezuela's Lake Maracaibo. It wouldn't be long before the country was one of the biggest Oil producers in the world, although the local population had little to shout about in the early days. And, far away from the bloodbath going on in the trenches of Northern France in 1914, New Yorkers witnessed the birth of a dance craze that's remembered every week in the Autumn TV schedules of today. Strictly Come Dancing judge Len Goodman gives Michael chapter and verse on the 1914 origins of the Foxtrot.

Producer: Tom Alban.

#### **TUE 16:30 A Good Read (b03jb1wk)**

Mark Ravenhill and DJ Nihal

Harriett Gilbert talks to playwright Mark Ravenhill and DJ Nihal Arthanayake about the books they love. It's a hugely varied selection which inspires strong reactions in all of them and plenty of passionate argument - including American Tabloid by James Ellroy, July's People by Nadine Gordimer and Elective Affinities by JW Goethe.

Producer Beth O'Dea.

#### **TUE 17:00 PM (b03jb1wm)**

Coverage and analysis of the day's news.

#### **TUE 18:00 Six O'Clock News (b03hzvjq)**

The latest national and international news from BBC Radio 4.

#### **TUE 18:30 That Mitchell and Webb Sound (b03jb1wp)**

Series 5

Episode 1

The future of farming - battery penguins; Thomas Hardy's exciting idea to make his books even sadder; and the very confusing goings on in a cash-register shop.

Comedy from the lopsided world of David Mitchell and Robert Webb.

With Olivia Colman and James Bachman.

Producer: Gareth Edwards

First broadcast on BBC Radio 4 in November 2013.

#### **TUE 19:00 The Archers (b03jb36v)**

Lynda's delighted that Tom has accompanied Kirsty to the panto rehearsal. Rob has called in sick at the last minute and she manages to convince Tom to read in for him. Lynda's pleased to see some convincing chemistry between her two leading actors and tries to twist Tom's arm into stepping in permanently. According to Tom this isn't possible, as he suffers from terrible stage fright.

Darrell's helpful and chipper when Shula and Dan arrive back from Reg's funeral. Shula's pleased to see Darrell so upbeat but everything he does annoys Dan. Dan tells his mum that now they're back from the funeral he just wants his own space back.

Reg's death has really made Dan think about things. He hopes he'll be able to qualify as a lawyer, to make Reg proud, and he's sad that Reg won't be there to shake his hand when he does. Shula understands but wants Dan to understand that she and Alistair will always be there for him.

Darrell apologises to Shula about his panic attack. Everything happened so fast and he just wasn't ready to move out. He's positive about starting his new job tomorrow. Darrell's convinced that everything is going to be so much better.

#### **TUE 19:15 Front Row (b03jb36x)**

Russell Brand; Costa Book Awards; Carrie

With Mark Lawson.

Front Row announces the shortlist for each category for this year's Costa Book Awards. Critics Sam Leith and Gaby Wood discuss the books nominated in the novel, first novel, poetry, biography and children's book categories and respond to the choices of books and writers.

Comedian Russell Brand talks about the ideology behind his new tour The Messiah Complex - including why he is calling

for a revolution. Brand also discusses whether there are limits to what he will tackle on stage, and how performing in Turkey made him re-evaluate how much he talks about sex while performing.

Brian de Palma's 1976 horror movie, *Carrie*, was the first of Stephen King's books to be turned into a film. It was a box-office success - and its two female stars, Sissy Spacek as Carrie and Piper Laurie as her mother, were both nominated for Oscars. Now *Carrie* has just been remade, with Chloë Grace Moretz stepping into Sissy Spacek's shoes - but is it as scary as the original? Film critic Matt Thorne reviews.

Producer: Olivia Skinner.

**TUE 19:45 15 Minute Drama (b03jb1vx)**  
[Repeat of broadcast at 10:45 today]

**TUE 20:00 The Next Global Killer (b03jb36z)**  
Ten years after the SARS pandemic, science journalist Alok Jha investigates whether we'll ever predict or at least be well prepared for future deadly global epidemics, be they bird flu or bat viruses

When it comes, the pandemic will be caused by a virus which originated in an animal and then crossed the species barrier into humans. This is how the so-called Spanish Flu pandemic of 1918 started. That global epidemic killed an estimated 50 million people. The AIDS pandemic of the last 30 years resulted from a virus in forest primates jumping into hunters in Central Africa. Since then a bat virus spread through other animals to humans to cause SARS, infecting thousands and killing hundreds. And since the late 1990s, scientists have been closely watching the deadly avian flu virus H5N1 for indications that it might begin to spread from person to person.

Outbreaks of infectious zoonotic diseases have been increasing since the 1950s. Epidemiologists blame a combination of accelerating encroachment into wild habitats, increasing human and farm animal numbers, ever more urbanisation and the modern day ease of travel. Humans and their domestic animals are making increasing contact with wildlife (from which these viruses originate) and forming ever denser and complex transmission routes which increase the chances of an infection taking off.

However the fact that more of these 'spill-over' outbreaks are documented is also likely to be down to the fact that the world is looking harder for them. Even greater and more intensive surveillance is one of the keys to pandemic prediction and preparedness.

Alok Jha visits a new human-animal virus surveillance project in Vietnam, operated by the University of Oxford, the Wellcome Trust and Vietnamese authorities where they are looking for previously unknown viruses causing illness in the general population, as well as doing long term surveillance on hundreds of farms, animal markets and wildlife sites, both of animals and the people who come into contact with them. Alok visits a live animal market in the Mekong delta where rats are sold and butchered for customers and a small farm where all the animals are being sampled for state of the viral detection. The Oxford-led project hope their project will act as a model for more intensive and sophisticated novel disease surveillance systems in Vietnam and other developing countries.

But even with better surveillance and an improved grasp of what viruses are out there, another major obstacle to accurate pandemic prediction is our lack of knowledge of which particular viruses we should be most worried: those which need swift preventative action and those that don't. Which versions of avian influenza H5N1 for example would have the ability to spread from person to person as easily as seasonal flu. There is a controversial line of research which would get us to these answers though.

Alok meets the leading and controversial Dutch virologist Ron Fouchier of the Erasmus Medical Centre in Rotterdam. Prof Fouchier's team has evolved a variant of H5N1 which can spread through the air between mammals in his Level 3 biosecure lab. The technique involved a combination of preliminary genetic engineering with 3 mutations already found out in the real world and then letting the virus evolve by itself. Only a handful of genetic changes are needed to turn H5N1 which reaches a dead end once it gets into mammals to a virulent pathogen which becomes airborne and infectious.

Colleagues of Fouchier at the University of Cambridge used his findings to calculate the odds of that transformation in the laboratory happening in the real world. It is a real possibility they say, given the billions of domestic birds and people, and that H5N1 is still out there in many flocks in Asia.

The experiments have caused alarm among bioterrorism experts and there has been a moratorium on publishing Fouchier's data. However Fouchier and other virologists argue that the information about which mutations in animal viruses cause

them to jump to and then spread easily between humans is essential for global pandemic surveillance if we are going to predict and prevent the next global killer.

Alok Jha is one of the science correspondents at 'The Guardian' and a regular reporter on BBC TV's 'Science Club'.

**TUE 20:40 In Touch (b03jb371)**  
Talking Books

Peter White talks to Neil Heslop, RNIB's Solutions Director, about his plans to change the way Talking Book Services are delivered.

Neil McLachlan and Kirsten Hearn voice their concern that some of the specialist services will be lost and that older users of the services may find accessing the audio more challenging with the emphasis being put onto digital media.

Presenter: Peter White  
Producer: Cheryl Gabriel.

**TUE 21:00 All in the Mind (b03jb373)**  
In this special anniversary programme Claudia Hammond looks at developments in neuroscience and how our understanding of the brain has changed.

In 1988 scientists predicted that new techniques of scanning the brain would lead to exciting innovative treatments for diseases such as Alzheimer's and Parkinson's disease. Researchers were enthusiastic about the possibilities of seeing what went on in the brain. Many had high hopes that this would help us understand how and why mental health problems develop. But how much progress has been made?

Professor Irene Tracey, Director of the Oxford Centre for functional magnetic resonance imaging of the brain, and Professor Sophie Scott, from the Institute of Cognitive Neuroscience at University College London, discuss with Claudia the major advances in this fast growing field. They also take a sceptical look and ask whether with highly ambitious big brain studies the science is still promising more than it delivers.

**TUE 21:30 The Politics of Architecture (b03j9ypj)**  
[Repeat of broadcast at 09:00 today]

**TUE 21:58 Weather (b03hzvjs)**  
The latest weather forecast.

**TUE 22:00 The World Tonight (b03jb375)**  
The Scottish government has published its detailed proposals on independence. Scotland's First Minister, Alex Salmond described it as a mission statement for changing the country for the better.

Aid agencies in the Central African Republic say militia groups in the country are out of control and urgent assistance is needed to prevent a humanitarian catastrophe.

And a Christian text printed in 1640 is likely to set a new world record price for a book - it's estimated that "The Bay Psalm Book" could fetch up to 30 million dollars.

**TUE 22:45 Book at Bedtime (b03js56x)**  
The Charioteer

Episode 2

By Mary Renault

After an injury at Dunkirk, Laurie Odell is sent to a veterans' hospital to convalesce. There he befriends Andrew, a conscientious objector serving as an orderly.

But when Ralph, a mentor from his school days, reappears in his life, Laurie is forced to choose between the sweet ideals of innocence and the distinct pleasures of experience.

Episode 2:  
Laurie is stuck in a rural veteran's hospital, struggling with bad news about his injury. Then he meets a new orderly - a young conscientious objector called Andrew Raynes.

Read by: Anton Lesser  
Abridged by Eileen Horne

Produced by Clive Brill  
A Pacific production for BBC Radio 4.

**TUE 23:00 The Infinite Monkey Cage (b03j9lvt)**  
[Repeat of broadcast at 16:30 on Monday]

**TUE 23:30 Today in Parliament (b03jb377)**  
Susan Hulme reports from Westminster.

**WEDNESDAY 27 NOVEMBER 2013**

**WED 00:00 Midnight News (b03hzvpk)**  
The latest national and international news from BBC Radio 4. Followed by Weather.

**WED 00:30 Book of the Week (b03js7pk)**  
[Repeat of broadcast at 09:45 on Tuesday]

**WED 00:48 Shipping Forecast (b03hzvkr)**  
The latest shipping forecast.

**WED 01:00 Selection of BBC World Service Programmes (b03hzvkt)**  
BBC Radio 4 joins the BBC World Service.

**WED 05:20 Shipping Forecast (b03hzvkw)**  
The latest shipping forecast.

**WED 05:30 News Briefing (b03hzvkv)**  
The latest news from BBC Radio 4.

**WED 05:43 Prayer for the Day (b03jtpkv)**  
A spiritual comment and prayer to begin the day with Canon Steve Williams.

**WED 05:45 Farming Today (b03jb3mv)**  
Winter arrived early and with a vengeance in South Dakota last month. Ferocious and unseasonal snowstorms left cattle stranded in summer pastures, where tens of thousands of them perished. For this special edition of the programme, Farming Today travels to the Mid West to meet the farmers affected, and hear their about their efforts to get back on their feet again after devastating losses.

Sybil Ruscoe talks to ranchers and hears how fellow farmers across the United States are rallying round to try and help them restock. She asks why politicians are still arguing over the Farm Bill, which could be the only source of state financial help for ranchers facing ruin.

Presented by Sybil Ruscoe and produced by Anna Jones.

**WED 05:58 Tweet of the Day (b03dx94d)**  
Twite

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

Martin Hughes-Games presents the Twite. Twites are birds of heather moorland and crofting land - a Scottish name is "Heather lintie", as they nest in the shelter of wiry heather clumps and feed on seeds. To see twites, you'll need to visit some of our most scenic spots; the Scottish Isles, the moorlands of northern England or the western Irish coast.

**WED 06:00 Today (b03jb3mx)**  
News and current affairs. Including Sports Desk, Yesterday in Parliament, Weather, Thought for the Day.

**WED 09:00 Midweek (b03jb3mz)**  
Jancis Robinson, Jihan Bowes-Little, Thomas Harding, Chris 'Brolga' Barns

Libby Purves meets banker come hip-hop artist Jihan Bowes-Little, journalist Thomas Harding, Kangaroo Dundee, Chris 'Brolga' Barns and wine writer Jancis Robinson.

Jihan Bowes-Little is a banker by day and Hip Hop artist by night. While working in The City he would be scribbling lyrics at the same time as trading credit derivatives. After attending an Open Mic night, he decided to pursue a career in music, and now performs under the name Metis. He is about to release his debut single, All In on Warner Music.

Journalist Thomas Harding's great-uncle, Hanns Alexander, tracked down and caught the Kommandant of Auschwitz. In his book, *Hanns and Rudolf*, he tells how his great uncle became one of the lead investigators of the British War Crimes Investigation Team, assembled to hunt down senior Nazi officials. His target was Rudolf Höss who was the Kommandant of Auschwitz Concentration Camp and who oversaw the deaths of over a million men, women and children. Hanns and Rudolf is published by Random House.

Chris 'Brolga' Barns has dedicated his life to rescuing orphaned baby kangaroos, whose mothers are victims of speeding cars, their young still tucked up in their pouches. He runs The Kangaroo Sanctuary near Alice Springs in Central Australia. His book, Kangaroo Dundee, is published by Hodder & Stoughton to accompany a new BBC Two six-part series.

Jancis Robinson OBE is one of the world's leading wine writers and is wine correspondent for the Financial Times. This year she released the 7th edition of The World Atlas of Wine, written with Hugh Johnson. The World Atlas of Wine is published by Mitchell Beazley.

Producer: Annette Wells.

**WED 09:45 Book of the Week (b03jr250)**  
Philip Short - Mitterrand

Episode 3

For most of Francois Mitterrand's career, there was a gentleman's agreement among the French media that a politician's private life should not be splashed across the front pages.

And so Mitterrand's private life was kept quiet for most of his career - but he had two families and Philip Short, the author of this biography, has spoken both to his wife and his mistress.

Read by Henry Goodman

Abridged and produced by Jane Marshall  
A Jane Marshall production for BBC Radio 4.

**WED 10:00 Woman's Hour (b03jb3n1)**  
Birdy; Charlotte Walker; Bipolar Blogger

Singer-songwriter and pianist Birdy first emerged at 15 with an album of covers. Two years on she's back this time with her own material. She'll be talking about her music, classical background, and finding success at such a young age, and performing "No Angel" live in the studio.

Cuts to the legal aid system have meant that since April, most couples no longer qualify for legal aid for divorce or separation. This has led to a rise in the number of parents taking divorce and child custody cases to court, with many choosing to represent themselves and not accessing mediation. What impact is that having on their children?

One in ten women report having experienced sex against their will according to Wendy Macdowall, a lecturer in health promotion at the London School of Hygiene and Tropical Medicine. It's all part of work that she's done for the National Survey of Sexual Attitudes and Lifestyles. But what are the ramifications of her findings?

Amal Elsana Alh'jooj is one of the key shapers of public opinion on the status of the Arab minority and the status of women in Israel. In London to pick up an award, she talks about her own life and the challenges facing Bedouin women.

And Charlotte Walker writes about her life with mental health issues as @BipolarBlogger and on the Purple Persuasion blog. She's just won her the Mark Hanson Digital Media Award at the 2013 MIND Mental Health Awards. What's the aim of the blog and why did she decide to blog about some very personal issues?

Presenter: Jenni Murray.  
Producer: Emma Wallace.

**WED 10:45 15 Minute Drama (b03jb3n3)**  
Alexander Pushkin - Eugene Onegin

Episode 3

By Alexander Pushkin

Adapted by Duncan Macmillan

Drama based on one of Russia's best loved poems, and the life of the man who wrote it. Pushkin's wife demands to hear more of his most famous story as they hurtle towards the duel he's about to fight. Onegin finally responds to Tatiana's love letter.

Directed by Abigail le Fleming

About the adapter  
Duncan Macmillan is an award winning writer and director. Former Writer in Residence at Paines Plough and the Royal Exchange Theatre, he has written extensively for theatre in addition to working in radio and television.

Duncan is currently writing new plays for the National Theatre.

Soho Theatre, Paines Plough and BBC Radio and is adapting George Orwell's 1984 with director Rob Icke for Headlong/Nottingham Playhouse.

**WED 11:00 Leaving the Faith (b03jb3n5)**

Sarfraz Manzoor talks to people who have decided to leave Islam and become ex-Muslims.

In a London pub a group are getting together to plan a stand up comedy night. All of them describe themselves as being an 'ex-Muslim'. But is there really anything funny about leaving the faith?

Sarfraz Manzoor meets the group and hears the stories, which on the face of it don't sound like comedy material. Some of the members say they have been threatened with violence and others have been disowned by their families, losing all contact with them. Some haven't actually told their families and live a difficult double life, going to the mosque one day whilst quietly attending the ex-Muslims club the next.

Just how dangerous is it to say you have left the faith? And what drives these young people away from Islam in the first place? Sarfraz Manzoor looks at some sensitive issues around being a Muslim - or not - in 21st century Britain.

**WED 11:30 Hard to Tell (b03jb3n7)**

Series 2

Episode 3

Second series of the relationship comedy written by Jonny Sweet.

It tells its central love story through the couple's individual conversations with their family and friends. In the process, we are introduced to all manner of relationships from a father and his cherished tour van to two women rivaling for the position of Best Friend, from a brother and sister comparing notes on Brazilians to a vicar and his new parish, and from a lodger's historic fling with a local waitress to a mum's lack of control over her desire to monitor her son's life.

Recorded on location, Hard To Tell's naturalistic, contemporary and conversational style brings new meaning to restaurants, funerals, French dressers and monkey puzzle trees.

Jonny Sweet is also the writer of Radio 4's Party and co-writer/co-star of Chickens on Sky 1.

Episode 3:

Tom's Mum's cousin has died and she volunteers her son to give the eulogy. At the funeral, Ellen suspects an infidelity, while Gillian the lodger suspects a mental disorder.

Producer: Lucy Armitage  
A Tiger Aspect production for BBC Radio 4.

**WED 12:00 You and Yours (b03jb3n9)**

Strange photos popping up on emails

Consumer news. A listener tells Winifred Robinson about her emails, which have a photo of a complete stranger attached. Why? Plus, the couple buying just British.

**WED 12:57 Weather (b03hzv10)**

The latest weather forecast.

**WED 13:00 World at One (b03jdw69)**

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

**WED 13:45 A History of Britain in Numbers (b03jdw6c)**

Old Age

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programmer counts rotten teeth and adds up what people ate,

what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

This is all presented with innovative radio techniques to capture data in sound - for example, new ways of creating graphs for the senses so that we can not just know, but feel, the changes. Each of these ten programmes takes one theme, to explore how far we have made progress, and why it might continue, or falter.

8. Old Age

Andrew reveals the changing shape of our lives by compressing a whole life into 20 seconds and comparing it over the centuries. Did we once grow old in the comfort of family life? How old was old?

Producer: Michael Blastland  
A Whistledown production for BBC Radio 4.

**WED 14:00 The Archers (b03jb36v)**

[Repeat of broadcast at 19:00 on Tuesday]

**WED 14:15 Drama (b03jdw6f)**

Amah in the Bathub

It's 1967 and the women who are members of a British swimming club in colonial Singapore take their social events seriously - but not all of them know what's going on at home.

A young mother, Connie Conport, is particularly clueless about problems developing between her two young boys and their nanny. She has hired an amah, a servant from China, who is a member of a group dedicated to domestic service.

Ah Chat belongs to a sisterhood of 'black and whites'. They wear a traditional uniform and swear an oath to remain celibate. On their rare days off, they meet up at their headquarters, the kongsi house. It's a refuge and a support group. These women are her only family in Singapore.

Elderly Ah Chat has good references - seventeen British families have employed her previously - but this position seems to have serious problems.

Sound Design: Jon Nicholls  
Written, directed and produced by Judith Kampfner

A Corporation for Independent Media production for BBC Radio 4.

**WED 15:00 Money Box Live (b03jdw6h)**

Carers' Rights and Financial Support

If you're a carer, are you receiving the financial and personal support you are entitled to? What about employment rights if you juggle work and care? For help and advice call 03700 100 444 from 1pm to 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk.

Over 6 million people in the UK look after an ill, frail or disabled family member or friend. Carers UK say this unpaid support is worth around £119bn per year but often results in lower incomes and increased expenditure for carers.

If you want to find out about the financial benefits, grants or assistance which are available why not ask our welfare benefits advisors for advice.

Maybe you are trying to continue working while providing care? What are your employment rights and how can you enforce them?

Or perhaps you're an employer who would like to help valued staff with a caring responsibility?

To answer your questions, presenter Paul Lewis will be joined by:

Jean French, Head of Advice and Information, Carers UK.  
Marian Gell, Welfare Benefits Advisor, Contact a Family.  
Lucy McLynn, Employment Partner, Bates Wells and Braithwaite.

To talk to the team call 03700 100 444 between 1pm and 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk now. Standard geographic charges apply. Calls from mobiles may be higher.

Presenter: Paul Lewis  
Producer: Diane Richardson.

**WED 15:30 All in the Mind (b03jb373)**

[Repeat of broadcast at 21:00 on Tuesday]

**WED 16:00 Thinking Allowed (b03jdw6k)**

Boxing in Gleason's Gym; Sport and Capitalism

Sport and capitalism: Laurie Taylor talks to Professor of History, Tony Collins, about his new book which argues that modern sport is as much a product of our economic system as the factory, the stock exchange and the unemployment line. Also, The US sociologist, Lucia Trimburo, invites us into the everyday world of Gleason's gym, the last remaining institution of New York's golden age of boxing. Once the domain of white and black working class men, it's now shared with women as well as the wealthy.

**WED 16:30 The Media Show (b03jdw6m)**

Local TV, Welsh broadcasting, Crowd-funded journalism

The first of a new network of up to 30 local TV stations proposed by the government in areas including Belfast, Edinburgh, Cardiff and London, launched this week in Grimsby. Estuary TV will be available to 350,000 homes in East Yorkshire and North Lincolnshire. It's hoped other services will open over the next year. Steve Hewlett asks Lia Nici, Executive Producer at Estuary TV, about what's on offer and questions the Chair of the Local TV Network Nigel Dacre on whether the stations present viable business opportunities.

Also in the programme, Ian Jones, the Chief Executive of the Welsh language channel S4C, talks about the success of its new drama series 'Hinterland', and the importance of having a service despite falling numbers of Welsh speakers. And freelance journalist Peter Jukes on how he is being crowd-funded to live tweet from the hacking trial.

Producer: Katy Takatsuki.

**WED 17:00 PM (b03jdw6p)**

Coverage and analysis of the day's news.

**WED 18:00 Six O'Clock News (b03hzv12)**

The latest national and international news from BBC Radio 4.

**WED 18:30 What Does the K Stand For? (b03jdw6r)**

Series 1

Who Am I?

Young Stephen wrestles with his identity and gets some career advice from his useless but enthusiastic teacher.

Stephen K Amos's sitcom about his own teenage years, growing up black, gay and funny in 1980s South London.

Written by Jonathan Harvey with Stephen K Amos.

Stephen K Amos ... Stephen K Amos  
Young Stephen ... Shaquille Ali-Yebuah  
Stephanie Amos ... Fatou Sohna  
Virginia Amos ... Ellen Thomas  
Vincent Amos ... Don Gilet  
Miss Collins ... Gemma Whelan  
Jayson ... Frankie Wilson  
PE Teacher ... Harry Jardine

Producer: Colin Anderson

First broadcast on BBC Radio 4 in November 2013.

**WED 19:00 The Archers (b03jdw6t)**

Oliver takes a homemade bottle of sloe gin round to Joe as a peace offering and asks if he can order one of their turkeys for Christmas. Joe mellsows and invites Oliver in. Eddie finds them both drinking tea with a tot of whiskey in. Oliver says there's holly and mistletoe at Grange Farm for the taking so the three of them go picking. Joe decides not to hold a grudge, as it never pays to fall out with your neighbours. The accident's now water under the bridge.

Jill mentions that Elizabeth has agreed to host the anniversary party for David and Ruth. Elizabeth will also organise the majority of the food so there won't be too much for them to do.

Jill's still cautious about Darrell and believes Shula needs to put her family first. Shula hopes Darrell will make a go of his new job and get back on his feet. Darrell returns home a bit spaced out but saying it went well.

Jill's stunned to learn she has cataracts. Shula says it's a nuisance but nothing to really worry about as it's easily cured. Jill's adamant she's not really worried, but just getting used to it. Shula reassures her that she'll soon be back on the road.

**WED 19:15 Front Row (b03jdw6w)**

William Hill Sports Book of the Year; Shobana Jeyasingh;

Marius and Fanny

With Mark Lawson.

The winner of the 25th William Hill Sports Book of the Year is announced live on Front Row from the ceremony in London. The books by the six authors shortlisted for the £25,000 prize cover genetics in sport, Lance Armstrong's doping, international football, rowing, Hitler's Berlin, corruption in cricket, and a racehorse doping gang.

The shortlist in full (alphabetically by author's surname):

The Boys In The Boat: An Epic True-Life Journey to the Heart of Hitler's Berlin by Daniel James Brown  
The Sports Gene: What Makes The Perfect Athlete by David Epstein  
Bookie Gambler Fixer Spy: A Journey to the Heart of Cricket's Underworld by Ed Hawkins  
I Am Zlatan Ibrahimovic by Zlatan Ibrahimovic, David Lagercrantz and Ruth Urbom  
Doped: The Real Life Story of the 1960s Racehorse Doping Gang by Jamie Reid  
Seven Deadly Sins: My Pursuit of Lance Armstrong by David Walsh

Mark talks to choreographer Shobana Jeyasingh, who is renowned for dance creations of visceral energy. This autumn the Southbank Centre celebrates her company's 25th anniversary.

The French writer Marcel Pagnol is best-known for the 1986 screen adaptations of two of his books: Jean De Florette and Manon Des Sources. Actor Daniel Auteuil shot to fame in both films, and he's now directing Pagnol's Marseille trilogy: Marius, Fanny Et César. Fanny and Marius are released this week. Novelist Kamila Shamsie reviews.

Producer: Timothy Prosser.

**WED 19:45 15 Minute Drama (b03jb3n3)**

[Repeat of broadcast at 10:45 today]

**WED 20:00 Moral Maze (b03jdw6y)**

Police

"Plebgate", the Hillsborough disaster, evidence of blatant fixing of crime statistics - by any standards our police have come under searching scrutiny lately and haven't exactly come out with flying colours. So this week's report by a former commissioner of the Metropolitan Police, John - now Lord Stevens - on the future of policing is certainly timely. But this is more than just a debate about numbers, structures and complaints procedures, this is a fundamental question about what our police should be for. Lord Stevens says it's time to accept that police "are not simply crime fighters", but they should also have a "social mission" that should be enshrined in law which would incorporate improving safety and well-being within communities. We've come a long way since the days of the Sweeney catchphrase "get your trousers on - you're nicked", but do we want our police to take on the mantle of social workers as well as crime fighters? Is this mission creep by the police, or an abdication of our own responsibility? By widening the scope of what we expect our police to police are we in danger of turning them from law enforcers, in to enforcers of social norms? And that this will lead to a subjective understanding of what society regards as right and wrong and blur the moral line between what is and isn't a crime?

Combative, provocative and engaging debate chaired by Michael Buerk. With Claire Fox, Anne McElvoy, Giles Fraser and Matthew Taylor.

**WED 20:45 Four Thought (b03jdw70)**

Series 4

Chemophobia

Mark Lorch asks why we are all so afraid of chemicals.

Biology has plants, animals and David Attenborough. Physics has lasers, stars and Brian Cox. Meanwhile chemistry, by reputation, has chemical weapons, pollution and Walter White from Breaking Bad.

Mark, himself a chemistry lecturer at Hull University, explores why we have the wrong end of the stick, and what can be done about it.

Producer: Giles Edwards.

**WED 21:00 Frontiers (b03jdw72)**

Self-Healing Materials

Quentin Cooper takes a look at the new materials that can mend

themselves. Researchers are currently developing bacteria in concrete which, once awakened, excrete lime to fill any cracks. In South America you can choose a car paint that heals its own scratches. And there are even gold atoms which can migrate to mend tiny breaks in jet turbine blades.

Engineers normally design things so the likelihood of breaking is minimised. But by embracing the inevitability of breakage, a new class of materials which can mend cracks and fissures before you can see them may extend the lives of our cars, engines, buildings and aeroplanes far beyond current capability.

**WED 21:30 Midweek (b03jb3mz)**

[Repeat of broadcast at 09:00 today]

**WED 21:58 Weather (b03hzv14)**

The latest weather forecast.

**WED 22:00 The World Tonight (b03jdw74)**

Cameron says UK won't be "soft touch" for EU migrants. Berlusconi expelled from Italian parliament. Special report from Peru which has overtaken Colombia as leading producer of cocaine. Presented by Carolyn Quinn.

**WED 22:45 Book at Bedtime (b03jrz52)**

The Charioteer

Episode 3

By Mary Renault

After an injury at Dunkirk, Laurie Odell is sent to a veterans' hospital to convalesce. There he befriends Andrew, a conscientious objector serving as an orderly. But when Ralph, a mentor from his school days, reappears in his life, Laurie is forced to choose between the sweet ideals of innocence and the distinct pleasures of experience.

Episode 3:

Laurie learns his mother is remarrying, whilst his friendship with Andrew deepens. But a trip to the hospital in town will soon throw a spanner in the works.

Read by: Anton Lesser

Abridged by Eileen Horne

Produced by Clive Brill

A Pacificus production for BBC Radio 4.

**WED 23:00 News Quiz USA (b03jdw76)**

The News Quiz gets a US makeover with an all-American panel.

Just in time for Thanksgiving; with Obama deep in to his final term, and financial insecurity tearing America apart; as political conflict in Washington has repercussions around the world; with the anniversary of JFK's assassination leading to reappraisal and soul searching amongst the world's great democracies; not to mention deep international debate about Miley Cyrus... a team of US comedians dissect the headlines as the News Quiz format crosses the Atlantic.

Hosted by Andy Borowitz - New York Times columnist, brain behind the Borowitz Report, Time magazine's top Twitterer, and the creator of the Fresh Prince of Bel Air!

Producer: Sam Bryant.

**WED 23:30 Today in Parliament (b03jdw78)**

Sean Curran reports from Westminster on reaction to plans to restrict benefit payments to EU migrants. Also on the programme: PMQs, Vince Cable on the Royal Mail sell-off and David Cameron reveals why he hasn't grown a moustache for November.

Editor: Rachel Byrne.

**THURSDAY 28 NOVEMBER 2013****THU 00:00 Midnight News (b03hzv1z)**

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

**THU 00:30 Book of the Week (b03jrz50)**

[Repeat of broadcast at 09:45 on Wednesday]

**THU 00:48 Shipping Forecast (b03hzvm1)**

The latest shipping forecast.

**THU 01:00 Selection of BBC World Service Programmes (b03hzm3)**

BBC Radio 4 joins the BBC World Service.

**THU 05:20 Shipping Forecast (b03hzm5)**

The latest shipping forecast.

**THU 05:30 News Briefing (b03hzm7)**

The latest news from BBC Radio 4.

**THU 05:43 Prayer for the Day (b03jqt5v)**

A spiritual comment and prayer to begin the day with Canon Steve Williams.

**THU 05:45 Farming Today (b03jdy3k)**

Over the past five years there has been a 50% increase in the sales of woodburners, according to the solid fuels industry regulator. It says around 200,000 burners have been installed this year alone. Farming Today asks what an increased demand for firewood means for both wood producers and the biodiversity of woodland areas.

A new voluntary code of conduct is being introduced to tackle TB in llamas and alpacas, which can not only catch the disease but also spread it. Under current laws they can be transported from one location to another without those movements being recorded. The new code would introduce both pre- and post-movement testing. Charlotte Smith asks whether that's enough.

And we meet the foal born as a result of the world's first embryo transplant of a rare breed horse. The Suffolk Punch is a breed so rare that there are thought to be only 500 left in the world. Now there's one more.

Presented by Charlotte Smith and produced by Emma Campbell.

**THU 05:58 Tweet of the Day (b03dx96d)**

Goshawk

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

Martin Hughes Games presents the Goshawk. A favourite bird of Martin Hughes-Games, the goshawk is a powerful deep-chested relative of the sparrowhawk: its name derives from "goose-hawk", though in practice goshawks rarely catch geese - they prefer woodpigeons, rabbits and squirrels. A female goshawk is a hefty bird, as big as a buzzard and much bulkier than her smaller mate.

**THU 06:00 Today (b03jdy3m)**

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

**THU 09:00 In Our Time (b03jdy3p)**

The Microscope

Melvyn Bragg and his guests discuss the development of the microscope, an instrument which has revolutionised our knowledge of the world and the organisms that inhabit it. In the seventeenth century the pioneering work of two scientists, the Dutchman Antonie van Leeuwenhoek and Robert Hooke in England, revealed the teeming microscopic world that exists at scales beyond the capabilities of the naked eye.

The microscope became an essential component of scientific enquiry by the nineteenth century, but in the 1930s a German physicist, Ernst Ruska, discovered that by using a beam of electrons he could view structures much tinier than was possible using visible light. Today light and electron microscopy are among the most powerful tools at the disposal of modern science, and new techniques are still being developed.

With:

Jim Bennett  
Visiting Keeper at the Science Museum in London

Sir Colin Humphreys  
Professor of Materials Science and Director of Research at the University of Cambridge

Michelle Peckham  
Professor of Cell Biology at the University of Leeds

Producer: Thomas Morris.

**THU 09:45 Book of the Week (b03js0dp)**

Philip Short - Mitterrand

Episode 4

In 1984, when he was president of the EEC, and despite their political differences, Mitterrand went out of his way to cultivate 'Dear Mrs Thatcher'. He said of her accent, 'If you close your eyes, you could think she's Jane Birkin.'

This biography of the French President was written by Philip Short, and is read by Henry Goodman.

Abridged and produced by Jane Marshall  
A Jane Marshall production for BBC Radio 4.

**THU 10:00 Woman's Hour (b03jdy3r)**

Amy Tan; Baroness Hale; Women's sexual behaviour; Parliamentarian of the year

Amy Tan, novelist; Baroness Hale, the most senior woman in the British judiciary; Psychotherapist and writer Susie Orbach, Ellie Mae O'Hagen and Professor Dame Anne Johnson discuss how women's sexual behaviour has changed in the last ten years; Parliamentarian of the Year, Natascha Engle, and Campaigner of the Year, Stella Creasy, talk about life as a woman in Parliament. Jenni Murray presents.

Presenter: Jenni Murray  
Producer: Beverley Purcell.

**THU 10:45 15 Minute Drama (b03jdy3t)**

Alexander Pushkin - Eugene O'Neill

Episode 4

By Alexander Pushkin

Adapted by Duncan Macmillan

Drama based on one of Russia's best loved poems, and the life of the man who wrote it. Pushkin's wife tries desperately to stop her husband fighting his duel, while Tatiana races to stop O'Neill and Lensky fighting theirs.

Directed by Abigail Le Fleming

About the adapter  
Duncan Macmillan is an award winning writer and director. Former Writer in Residence at Paines Plough and the Royal Exchange Theatre, he has written extensively for theatre in addition to working in radio and television.

Duncan is currently writing new plays for the National Theatre, Soho Theatre, Paines Plough and BBC Radio and is adapting George Orwell's 1984 with director Rob Icke for Headlong/Nottingham Playhouse.

**THU 11:00 Crossing Continents (b03jdy3w)**

Mexico: Exorcising Evil

Vladimir Hernandez follows the Mexican priests who believe they can fight the evil of drug trafficking through the ancient Catholic practice of exorcism.

It is estimated that 60,000 people have died in Mexico in the "drug wars" linked to the narco-traffickers, who are among the most vicious criminals in the world. To some Catholic priests and believers, this is clear evidence that the Devil has taken hold among much of the population. They also point to the popularity of cults like that of "Santa Muerte", the saint of death, who is a figure of popular veneration among some of the narco-gangs. The priests are responding by practicing exorcisms, both in private and public, as they seek to expunge this evil. Vladimir watches dramatic individual and mass exorcisms, hears from those who have been through the rite and talks to critics and supporters of the practice.

Producers: Keith Morris and Mark Savage.

**THU 11:30 Caledonia: A Love Song to a Nation (b03jfc3v)**

In 1979 as he sat suffering from homesickness on a Brittany beach, Dougie Mclean wrote a song which would become an unofficial anthem of Scotland, and Scottish pride.

Listen to the lyrics of Caledonia and it is a love song, that could have been written for a person, but it's a lament for a country, and in the 34 years since he wrote it, the song has been adopted as a proud symbol of national identity, belted out in pubs, on football terraces and used to sell lager on TV.

As Scotland prepares to vote on whether it stays in the United Kingdom, Hardeep Singh Kohli explores the song which he says is part of the DNA of his country, and asks whether symbols of national pride like Caledonia have been hi-jacked by those campaigning to vote yes in next year's referendum. He also

investigates the word Caledonia and how it has become such a potent symbol for Scots.

He meets Dougie Mclean who wrote the song to hear about its origins, and how although he still sings it as he tours the world, he has given the song over to the people of Scotland to use, and interpret as they see fit.

**THU 12:00 You and Yours (b03jfc3x)**

Gambling adverts on television

Why are there so many adverts on television for gambling and do they cause harm? How do you know if the eggs you buy are really British? We'll be hearing how banks are monitoring fraudulent activity on our accounts. And are cheap perfumes just as good as expensive. We'll be comparing high street and supermarket bargains with their more costly counterparts.

**THU 12:57 Weather (b03hzm9)**

The latest weather forecast.

**THU 13:00 World at One (b03jfc3z)**

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

**THU 13:45 A History of Britain in Numbers (b03jfc41)**

Women

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programme counts rotten teeth and adds up what people ate, what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

Each of these ten programmes takes one theme, to explore how far we have made progress, and why it might continue, or falter.

9. Women

The changes in women's lives have been vast, and many of them have come in a blink at the end of recorded history. But the patterns of change in the data can be found repeated as long ago as the Black Death. What were they, and how do they help explain the way women's lives changed?

Producer: Michael Blastland  
A Whistledown production for BBC Radio 4.

**THU 14:00 The Archers (b03jdw6t)**

[Repeat of broadcast at 19:00 on Wednesday]

**THU 14:15 Pilgrim by Sebastian Baczkiewicz (b03jfc43)**

Series 5

Gallowstone Hill

By Sebastian Baczkiewicz

Episode 2: Gallowstone Hill

In search of the Radiant Boy, Pilgrim comes to a village cursed with a dangerous collective madness

William Palmer ..... Paul Hilton  
Cloudsly ..... Lee Ross  
Bovey ..... Arthur Hughes  
Nadia ..... Carys Eleri  
Hart ..... Priyanga Burford  
Mick ..... David Seddon  
Jim ..... John Norton  
Sound ..... Colin Guthrie

Directed by Marc Beeby

**THU 15:00 Open Country (b03jfc45)**

Lighthouses of Northern Ireland

We explore our infatuation with lighthouses as the Irish coastline spends two million pounds on renovating five of them across the region -two in County Donegal and three in Northern Ireland. Helen Mark visits two of them for Open Country. In the pretty town of Whithead sits Blackhead Lighthouse build in 1902 it proudly sits on the cliff top. St John's Point in County Down is a striking yellow and black building and was threatened with closure as it now sits empty and vacant with no purpose like so many along the coastline. But Helen discovers a much deeper story -for most there is a need to preserve these iconic buildings as what they symbolise today is just as important.

Producer : Perminder Khatkar.

**THU 15:27 Radio 4 Appeal (b03j8kst)**  
[Repeat of broadcast at 07:55 on Sunday]

**THU 15:30 Open Book (b03j8srq)**  
[Repeat of broadcast at 16:00 on Sunday]

**THU 16:00 The Film Programme (b03jfc47)**  
Emma Thompson; Leviathan; Carrie

Francine Stock talks to Emma Thompson about Saving Mr Banks, in which she plays the author PL Travers. After prolonged artistic wrangles and a painful grappling with childhood memories, she eventually gives Walt Disney, played by Tom Hanks, the rights to her creation, Mary Poppins. Crowd-sourced films are explored with producer Jack Arbuthnot, who worked on Life in A Day and has now produced Christmas in a Day, a montage of video sent in by the public and directed by Kevin Macdonald. Excerpts have been released on TV as part of a leading supermarket's Christmas advertising campaign with the full version unveiled online on 29th November.

Plus documentary makers Lucien Castaing-Taylor and Verena Paravel on Leviathan, an unconventional portrait of deep sea fishing in the North Atlantic.

And a look at Stephen King horror tale and iconic film Carrie, originally directed by Brian de Palma in 1976 and now re-made by Kimberly Peirce and starring Chloe Grace Moretz. Author Neil Mitchell compares the two and explains why the original endures.

Producer: Elaine Lester.

**THU 16:30 BBC Inside Science (b03jfg39)**  
Therapeutic hypothermia; Cameras on Gaia; Methane; Wine microbiota

Therapeutic hypothermia is standard treatment for cardiac arrest patients to protect against the damaging or deadly repercussions of a beatless heart. But this global practice has been called into question after research in the New England Journal of Medicine reported no difference in survival rates between patients chilled to 33 degrees and those cooled to just below normal body temperature to 36 degrees. Dr Jerry Nolan, vice chair of the European Resuscitation Council tells Dr Adam Rutherford how doctors worldwide are reacting to this new study and Dr Kevin Fong, author of "Extremes, Life, Death and the Limits of the Human Body" describes how medicine has historically harnessed hypothermic states to heal.

Show Us Your Instrument: The European Space Agency's GAIA mission is due to launch just before Christmas. It will spend the next 5 years recording space, using a billion pixel camera. This camera is made up of charge-couple devices, similar to the ones you'd find in your smart phone. These are damaged by space radiation. Dr Ross Burgon damages them in his lab first, to tell whether the images coming back from space are real stars or planets, or the digital equivalent of a smudge on the lens.

Methane is the second most important greenhouse gas after carbon dioxide because it's 25 times more powerful than carbon dioxide at trapping the sun's rays. And it doesn't hang around as long either, ten years as opposed to a 100. So tackling methane is seen by many countries as a useful way of reducing greenhouse gases, quickly. But that depends on knowing how much there is. A new paper in the Proceedings of the National Academy of Sciences reveals that United States could be underestimating its methane emissions by as much as fifty per cent. Dr Vincent Gauci Head of Ecosystems and Biodiversity at the Open University explains how the Americans got their sums so wrong, and considers whether the British calculations are similarly suspect.

The fuzzy concept of "terroir" for wine fans has always been difficult to pin down. Climate, soil, geology and individual wine-making practice don't make it easy to identify what makes particular wines unique. But Dr David Mills, Professor in the Department of Viticulture and Enology at University of California, Davis, has used DNA sequencing to study the microbial ecology of individual grapes. And he concludes

bacteria and fungi could explain "microbial terroir".

Producer: Fiona Hill.

**THU 17:00 PM (b03jfc4c)**  
Coverage and analysis of the day's news.

**THU 18:00 Six O'Clock News (b03hzvmc)**  
The latest national and international news from BBC Radio 4.

**THU 18:30 The Secret World (b03jfc4f)**  
Series 4

Episode 1

From Al Pacino to Jenni Murray - the show that shines a light on the private world of public people is back!

MP William Hague is at a loose end so volunteers to do some cleaning for his colleagues.

Hollywood's Al Pacino is convinced that Jools Holland is an alien sending secret messages with his music.

It can only be the strange goings on in the impression comedy with a difference.

With

Jon Culshaw  
Julian Dutton  
Lewis MacLeod  
Jess Robinson  
Debra Stephenson  
Duncan Wisbey

Producer: Bill Dare

First broadcast on BBC Radio 4 in November 2013.

**THU 19:00 The Archers (b03jfc4h)**  
Competitive Josh and David are getting Castor ready for the show. Eddie wishes David luck but mentions there's competition from another Hereford he's not seen before. Josh is disappointed to hear that Castor was beaten into second place again by the new competition.

Emma and Lynda finalise the Appetising Ambridge cook books, but are distracted by Ed's low mood. He's worried about the animal feed bill.

Will helps Lynda get the cook books out of the car. She takes the opportunity to persuade him to buy a copy. He's surprised that the book shows no pictures but still promises to buy one some other time.

Ed's exasperated that every time things seem to be going well they get another knock.

Will's on the Estate Land with the dogs when Baz slips his lead. Eddie and Ed are about to give up on their rabbiting expedition when Ed spots a dog running in the distance. Ed takes aim. Eddie tries to stop him, realising it's Will's dog, Baz, but he's too late. Ed's distraught on realising he's shot Baz. Will's furious and convinced Ed did it deliberately. Eddie tries to calm the two brothers down but Will won't ever forget this.

**THU 19:15 Front Row (b03jfc4k)**  
Ian Rankin; TV's The Bible reviewed

With John Wilson.

Ian Rankin talks to John about the latest investigation by his much-loved detective, John Rebus - who has returned to the Edinburgh CID, but at a lower rank. The story is set amidst the current reform to the structure of the Scottish police - and Rebus finds himself in the middle of a culture clash between his fellow old-hands, and younger officers who use social media and what Rebus calls "touchy-feely policing methods".

The Bible is an epic, 10 hour mini-series that dramatises the Old and New Testaments - from Genesis to Revelation. Each episode is action-packed: the first one, for example, includes Eden, Noah, Abraham and Isaac, and Moses parting the Red Sea. Natalie Haynes considers whether the series has mass-appeal, or is strictly for viewers interested in religion.

The Beatles, David Bowie and Pink Floyd have all had their music mixed in the studio by legendary producer and engineer Ken Scott. He discusses working in Abbey Road, why The Beatles' White Album proved to be pivotal in his career, and the techniques he developed to create a distinctive sound.

Stephen Shore is a pioneer of contemporary photography; after

developing his style at Andy Warhol's Factory in the 1960s, he was the first living artist to have a solo exhibition of colour photography at the Metropolitan Museum Of Art in New York. Shore continues to focus on the everyday subject matter that brought him attention - open highways, motel interiors, pedestrians and plates of food - but now works in Hebron, Abu Dhabi and Ukraine. Shore discusses his new exhibition, Something + Nothing, which shows his newer photographs side-by-side with work from the 1970s.

Producer: Rebecca Nicholson.

**THU 19:45 15 Minute Drama (b03jdy3t)**  
[Repeat of broadcast at 10:45 today]

**THU 20:00 The Report (b03jfc4m)**  
Inside the Vatican

Pope Francis is being acclaimed for his leadership of the Roman Catholic Church with even secular newspapers running headlines like "Pope Idol". But he was only elected because last February his predecessor Benedict XVI became the first Pope in centuries to resign. Was it a simple matter of ill health, or was he impelled to step down because of scandals at the Vatican Bank, claims of a "gay cabal" within the Vatican and the Vatileaks affair, in which the Pope's butler was arrested for leaking confidential documents?

Mark Dowd travels to Rome to try to find the truth behind the Papal resignation. He talks to, among others, Cardinal Francis Arinze, who was present at the momentous meeting at which Benedict announced his decision to step down.

**THU 20:30 In Business (b03jfg37)**  
Mao and Silicon

It's 6.15am and over loudspeakers across quiet streets of Nanjiecun blares out a song more familiar during the days of Chairman Mao, "The East is Red". As the sun rises, a huge white statue of Chairman Mao, surrounded by four equally huge portraits of Lenin, Marx, Stalin and Engels become visible in the town's main square. This the last Maoist collective in China, a little enclave of the past in the socialist market economy that China has now developed. How does their economy work and what is it like to live there? Meanwhile, at 3W Coffee in Beijing's 'Silicon Valley' district entrepreneurs are queuing up for their early morning burst of caffeine. This is Beijing's first tech business incubator where you're catapulted to the China of the twenty first century, with young people pushing the boundaries of the internet to create a very different China to that of Mao sixty years ago.

**THU 21:00 BBC Inside Science (b03jfg39)**  
[Repeat of broadcast at 16:30 today]

**THU 21:30 In Our Time (b03jdy3p)**  
[Repeat of broadcast at 09:00 today]

**THU 21:58 Weather (b03hzvmf)**  
The latest weather forecast.

**THU 22:00 The World Tonight (b03jfg3c)**  
Ukraine snub at summit - did the EU bungle negotiations? a new test of China airspace rules, Robin Lustig reports on Peru's booming economy and the latest on comet Ison's brush with the sun. Presented by Philippa Thomas.

**THU 22:45 Book at Bedtime (b03js0dr)**  
The Charioteer

Episode 4

By Mary Renault

After an injury at Dunkirk, Laurie Odell is sent to a veterans' hospital to convalesce. There he befriends Andrew, a conscientious objector serving as an orderly. But when Ralph, a mentor from his school days, reappears in his life, Laurie is forced to choose between the sweet ideals of innocence and the distinct pleasures of experience.

Episode 4:  
Laurie goes to a party at a stranger's flat, where he encounters his school mentor Ralph Lanyon - and discovers that he played a vital part in his recent life as well.

Read by: Anton Lesser  
Abridged by Eileen Horne

Produced by Clive Brill  
A Pacificus production for BBC Radio 4.

**THU 23:00 Andrew Maxwell's Public Enemies (b03f8g6l)**  
Drugs Trade

The drugs trade is one of our few booming industries.

Andrew looks at the facts behind both the illegal and legal drugs. What are the risks? What are the problems? And what can we do about either?

Andrew Maxwell is one of the UK's most informed and fearless stand ups. In this series of one-off stand up shows, he uses his trademark intelligence and political incisiveness to dig behind the clichés and assumptions about four possible threats to British society: food, the internet, drugs and Nationalism.

This series showcases a comedian at the top of his abilities tackling difficult and important 'slow news' topics with a depth and perceptiveness that remains outside the remit of mainstream 'topical' comedy.

Written and performed by Andrew Maxwell.

Script edited by Paul Byrne.  
Producer: Ed Morrish

First broadcast on BBC Radio 4 in October 2013.

**THU 23:30 Today in Parliament (b03jfg3f)**  
Rachel Byrne reports from Westminster.

#### FRIDAY 29 NOVEMBER 2013

**FRI 00:00 Midnight News (b03hznv8)**  
The latest national and international news from BBC Radio 4. Followed by Weather.

**FRI 00:30 Book of the Week (b03js0dp)**  
[Repeat of broadcast at 09:45 on Thursday]

**FRI 00:48 Shipping Forecast (b03hznvb)**  
The latest shipping forecast.

**FRI 01:00 Selection of BBC World Service Programmes (b03hzvnd)**  
BBC Radio 4 joins the BBC World Service.

**FRI 05:20 Shipping Forecast (b03hznvg)**  
The latest shipping forecast.

**FRI 05:30 News Briefing (b03hznvj)**  
The latest news from BBC Radio 4.

**FRI 05:43 Prayer for the Day (b03jtwm6)**  
A spiritual comment and prayer to begin the day with Canon Steve Williams.

**FRI 05:45 Farming Today (b03jfk1s)**  
Farmers who delay TB testing of their cattle will face tougher penalties from the government. The new measure set out by DEFRA will see farmers receive less subsidy payment if they fail to test on time. Farming Today hears how DEFRA will also consult on plans to cull wild cattle that cannot be TB tested. Charlotte Smith talks to the Farming Minister, George Eustice.

Landowners fear they'll be liable for flood damage if they cannot afford or are unable to carry out maintenance on river banks. The Country Land and Business Association is now calling for protection from the government in its Water Bill.

And a village in the Peak District has come up with a way to stand up to the stiff competition of large retailers. Residents in Tideswell have created their own one-stop shop on the internet.

Presented by Charlotte Smith and produced by Lucy Bickerton.

**FRI 05:58 Tweet of the Day (b03dx98q)**  
Little Auk

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

Martin Hughes-Games presents the Little Auk. Little auks are black and white relatives of the puffin but only about half the size. They're one of the most numerous seabirds in the world, with around twelve million pairs of birds. In autumn and early winter we see them in the UK as they head south into the North Sea.

**FRI 06:00 Today (b03jzfzdf)**  
Morning news and current affairs. Including Sports Desk. Yesterday in Parliament, Weather and Thought for the Day.

**FRI 09:00 Desert Island Discs (b03j8srb)**  
[Repeat of broadcast at 11:15 on Sunday]

**FRI 09:45 Book of the Week (b03js28v)**  
Philip Short - Mitterrand

Episode 5

Mitterrand left the Elysee Palace for the last time in 1995, after 14 years in power. In the words of his rival Jacques Chirac, he bequeathed to France 'a modern, calm democracy'.

He spent his last days not at the house he had shared with his wife, but in a state apartment where both of his families could spend time with him.

This biography of the French President was written by Philip Short, and is read by Henry Goodman.

Abridged and produced by Jane Marshall.  
A Jane Marshall production for BBC Radio 4.

**FRI 10:00 Woman's Hour (b03jfk1v)**  
Asking for a pay rise; WW2 evacuees; Self-Harm treatment; Closet dramas

In a recent YouGov survey, it was found that 76% of women had never asked for a pay rise. As Christmas approaches, we discuss how best to negotiate for more money. Friendships don't always last but there is one that proved the test of time. Margaret and Kathleen Wright were just seven when they had to leave their parents in Southend to travel to Derbyshire as evacuees in the Second World War. We join them at a reunion. Why is the treatment of self harm patients so variable in hospitals? The very first play written by a woman in English was a translation of Euripides' Iphigenia, by Lady Jane Lumley in 1557. Why was it deemed unperformable?

**FRI 10:45 15 Minute Drama (b03jfk1x)**  
Alexander Pushkin - Eugene Onegin

Episode 5

By Alexander Pushkin

Adapted by Duncan Macmillan

Drama based on one of Russia's best loved poems, and the life of the man who wrote it. Pushkin and Onegin have both fought their duels and everyone must now struggle with the consequences.

Directed by Abigail le Fleming

About the adapter  
Duncan Macmillan is an award winning writer and director. Former Writer in Residence at Paines Plough and the Royal Exchange Theatre, he has written extensively for theatre in addition to working in radio and television.

Duncan is currently writing new plays for the National Theatre, Soho Theatre, Paines Plough and BBC Radio and is adapting George Orwell's 1984 with director Rob Icke for Headlong/Nottingham Playhouse.

**FRI 11:00 Forever Young (b03jfk1z)**  
House and Home

What does it mean, in 21st Century Britain, to be an adult? In this series of 'documentary pop songs' we examine the shifting borders of adulthood in personal, social and financial relations.

Fleeing the nest, escaping the day-to-day oversight of parents and living as a self-sufficient being are traditional indicators of maturity. Yet such independence requires an elaborate supporting scaffold - usually requiring employment, financial acumen or reliance on the welfare system.

For each episode of Forever Young, we've commissioned a new song on each of the three themes. The House and Home song is written and performed by Kieran Mac Feely, aka Simple Kid.

Produced by Alan Hall with Hana Walker-Brown.  
A Falling Tree production for BBC Radio 4.

**FRI 11:30 On the Rocks (b03jfk2U)**  
Series 1

Spies

by Christopher William Hill. It's 1937 on the remote Scilly Island of St. Martin's, where the islanders are resisting the attempts of the Penzance GPO man to modernise the post office - around which their world revolves.

Episode 1: Spies

directed by Mary Peate.

Sound by Jenni Burnett, Anne Bunting and Graham Harper  
Production Co-ordinator, Jessica Brown.

**FRI 12:00 You and Yours (b03jfk23)**  
Mental health care; Belfast Christmas trading; Gap insurance

The Care Quality Commission announces more tests for mental health care.

We talk to traders in Belfast to ask them if planned protests in the city centre could affect their turn-over in the run-up to Christmas.

And what exactly is gap insurance?

Presenter: Peter White  
Producer: Pete Wilson.

**FRI 12:52 The Listening Project (b03jfk25)**  
Miguel and John - Smell the Coffee

Fi Glover introduces a conversation between friends about their journey from disadvantage to success, and whether their achievements were fuelled by luck, hard work or coffee, proving once 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](http://bbc.co.uk/listeningproject)

Producer: Marya Burgess.

**FRI 12:57 Weather (b03hznvl)**  
The latest weather forecast.

**FRI 13:00 World at One (b03jfk27)**  
National and international news. Listeners can share their views via email: [wato@bbc.co.uk](mailto:wato@bbc.co.uk) or on twitter: #wato.

**FRI 13:45 A History of Britain in Numbers (b03jfk29)**  
Living

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programme counts rotten teeth and adds up what people ate, what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

Each of these ten programmes takes one theme, to explore how far we have made progress, and why it might continue, or falter.

10. Living

Is the history of the economic struggle for survival over, as

Keynes once said it would be? If so, has it been replaced with what he said would be a much harder problem - not working out how to survive, but working out how to live? Some think we will only do this when we balance our expectations with the sustainability of the planet; others that it has become a moral problem, not an economic one.

Producer: Michael Blastland  
A Whistledown production for BBC Radio 4.

**FRI 14:00 The Archers (b03jfc4h)**  
[Repeat of broadcast at 19:00 on Thursday]

**FRI 14:15 Drama (b010m9t2)**  
Jon Canter - The Vertigo Trust

By Jon Canter.

Ronnie Sax is a sixty something multi-millionaire businessman, abrasive, cocky, three times divorced but on wife number four. He's egotistical and high energy and very much afraid of heights. He lives in a bungalow. His very large office is on the ground floor. Branson keeps inviting him into his balloon but Ronnie always has an excuse.

He gives an interview to Deborah - a journalist with some serious copy to fill - and her searching questions turn into a flirtation that Ronnie feels can only be consummated by conquering his phobia.

Enter Martin - a 'Vertigo Counsellor' who has read Deborah's article and thinks he can help. Martin's done his research and Ronnie, impressed, quickly hires him as his very own counsellor (as long as no one knows finds out what he's doing in Ronnie's office.)

Over a series of sessions, Ronnie gets attached to Martin and quite dependent on him. Martin helps him overcome his deepest fears.

But Martin has a secret. A big secret. One that threatens to turn Ronnie's world completely upside down.

Produced and directed by Clive Brill  
A Pacificus Production for BBC Radio 4.

**FRI 15:00 Gardeners' Question Time (b03jfmq4)**  
Bradford-on-Avon

Eric Robson hosts GQT from Bradford-on-Avon with Matt Biggs, Matthew Wilson and Christine Walkden taking the local audience's questions. This week the team explores the variety of plants along our highways, and Matt Biggs goes in search of Bath Asparagus.

Produced by Howard Shannon.  
A Somethin' Else production for BBC Radio 4.

This week's questions:

Q. Could the panel make some suggestions for plants that could be grown on top of a canal boat, preferably providing a crop of some sort?

A. You will need plants that can cope with a limited depth of soil and can be cropped quite quickly. Herbs would grow well such as prostrate thymes or coriander. Tomatoes or strawberries would also work. You could even attempt to plant apple trees in buckets. Do not try planting anything substantial or perennial. Certainly don't use water from the canal.

Q. My roses are still in bloom and I am concerned that this will have an affect on their flowering period next year.

A. The cold spring retarded growth this year and everything came into flower at once in early summer. Roses keep going until there is a hard frost. It is best to follow your normal routine and prune them now. Make the decision for them and take the head back by about a third. Prune again early next year.

Q. I have a narrow, shady bed measuring 20ft(6m) by 1ft(30cm). It is bordered either side by tarmac and hedgerow. Could the panel suggest something that would add interest but also disguise any weeds?

A. Lamium Orvala is a beautiful dead nettle with flower spikes about 15inches(38cm) tall. Alchemillas and Francoa Sonchifolia would cope well on this site. Tiarellas and Mitellas would also work.

It is important to remember that less is more, as there is a risk that it could look fragmented. To create a matrix use something like Hakonechloa Macra, the variegated Japanese grass. Some of the Begeias or Pachysandra Terminalis are very beautiful. Perhaps add some structure using ferns and add something striking like Jeffosonia Dubia or Pulmonarias. Try punctuating

the bed using taller structures or even topiary.

Q. Could the panel suggest some annuals or perennials that would extend the cut flower season?

A. Think about using flowers that you can dry such as Molucellas and Zinnias. Sowing later will allow for an extended period. Try Cornflowers or Hesperantha Coccinea. Schizanthus are late flowering and one particular variety called Jennifer produces a beautiful pink colour.

Q. Why would onions start to rot after they had been thoroughly dried and stored in the correct manner?

A. This is probably a case of Botrytis and will be a skin-based problem. If you have a particularly wet spell the water travels down the leaf blades and congregates on the leaf sheaths. Turn the bulbs over when drying them so to remove a high proportion of water.

Q. I have a Nordland Fir Tree in a 16inch (40cm) pot with ericaceous compost. It is now about 5ft (1.5m) tall. Should I replot it, and if I were to chop off the leading spur would it sprout at the bottom?

A. Don't take out the top because it will become squat and won't sprout. Pruning it too much can change its habits. You could replot the fir and remove the top few inches. However, it will require a lot of aftercare.

**FRI 15:45 Where Were You When Kennedy Was Shot? (b03jfmq7)**  
The Night My Dad Became English

The 22nd November marks the fiftieth anniversary of one of the most significant and shocking events in 20th century history, the assassination of President John F Kennedy. Most people know exactly where they were and what they were doing when the news hit. Inspired by this concept, three major writers give their own spin on that day through fictional stories of ordinary people as their lives are caught in that precise moment, perhaps even undergoing monumental changes in their own lives?

News of JFK's assassination forces Irishman, Eamon Conroy, to question his whole sense of identity.

The Night My Dad Became English by Joseph O'Connor.

**FRI 16:00 Last Word (b03jfmq9)**

A priest, Walt Disney's daughter, a centenarian Labour campaigner, a footballer, an actor

Matthew Bannister on

Father Alec Reid, the Catholic priest who played a pivotal role in the Northern Ireland peace process.

Walt Disney's daughter Diane Disney Miller who inspired some of her father's best known creations.

Hetty Bower, a lifelong Labour Party campaigner who died aged 108.

Bill Foulkes, the Manchester United defender who survived the Munich air crash which killed many of his team mates

And Lewis Collins - who starred alongside Martin Shaw in the 70s TV series The Professionals.

**FRI 16:30 Feedback (b03jfmqc)**

There are irritants aplenty this week as listeners tell us about the Radio 4 programmes that have driven them to distraction. Many of them wrote to ask why Radio 4's Book of the Week about the life of former French president Mitterrand used French accents that rendered it more 'Allo! Allo!' than serious biography.

And many other listeners are infuriated by the repeated use of just four piano notes heard in Radio 4's A History of Britain in Numbers. The series' Executive Producer, David Prest, tells us why they decided to use a 'motif' that some say distracted them from the vital statistics.

We'll also be talking to the Controller of BBC Radio 2, Bob Shennan. While Radio 2's audience reached a record high of 15 million this year, the changes to the Sunday evening schedule and the loss of firm favourites like Big Band Special and Russell Davies has left some listeners deeply disappointed. The Controller explains why he made the changes.

And should an active politician appear on Desert Island Discs? We air your views on Ed Miliband's appearance on Sunday's edition.

Producer: Will Yates

A Whistledown production for BBC Radio 4.

**FRI 16:56 The Listening Project (b03jfmqf)**  
Lesley and Kieron - Surfing Through Life

Fi Glover introduces a conversation where a mother questions her son's priorities since he became a father; should surfing and skateboarding still take centre stage, even if the fact that he's celebrating beating Crohn's disease influences his outlook?

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](http://bbc.co.uk/listeningproject)

Producer: Marya Burgess.

**FRI 17:00 PM (b03jfmqk)**

Full coverage and analysis of the day's news.

**FRI 18:00 Six O'Clock News (b03hzvnm)**

The latest national and international news from BBC Radio 4.

**FRI 18:30 The News Quiz (b03jfmqm)**

Series 82

Episode 4

A satirical review of the week's news, chaired by Sandi Toksvig. With guest panellists Grace Dent, Fred MacAulay and Justin Edwards, joining regular Jeremy Hardy.

**FRI 19:00 The Archers (b03jfmqp)**

Shula calms Darrell before work, and he assures her he's fine. Discovered later, at the stables at lunchtime, Darrell's forced to admit he's been laid off due to messing up. Shula makes excuses for Darrell, but Dan can't see how the bloke could ever hold down a job. Shula urges Dan to be careful what he says in front of Darrell, who needs their support. But Dan's unrepentant - his mum's wasting her time.

Shula's incredulous when she discovers Lynda has altered her recipe in 'Appetising Ambridge'; Shula's been making that chutney for years. Lynda's sure that next time Shula makes it, it will taste even better.

Will calls Emma to ask how George took the news about Baz. Emma has to admit she and Ed haven't told him yet. Will needs to bury Baz and asks Emma what he should do. Emma urges Will to go ahead and bury the dog, and she and Ed will tell George after school. George is sad, but calmly asks if Baz is in heaven. Just at the wrong moment Will barges in, demanding to see George. He's incandescent when he realises they've told George it was an accident. He brands Ed a coward and a killer. Ed tells him to go - now.

**FRI 19:15 Front Row (b03jfvgl)**

Coronation Street set; Chapman brothers; Jeune et Jolie

John Wilson gets a sneak preview of the latest Coronation Street set at its new home in Salford Quays. He talks to the series creator Tony Warren, Executive Producer Kieran Roberts, and Weatherfield local Audrey Roberts (Sue Nicholls).

As their controversial new show "Come and See" opens at the Sackler Serpentine Gallery in London, visual artists Jake and Dinos Chapman discuss their attitude to their subject matter and their sometimes difficult relationship with their audience.

French director François Ozon's latest film, "Jeune et Jolie", is about a 17-year-old girl exploring her sexuality by becoming a high-class call girl. Novelist MJ Hyland delivers her verdict.

And as previously unpublished JD Salinger stories see the light of day, John asks why some authors want their work to remain under wraps until long after their death.

Producer: Ekene Akalawu.

**FRI 19:45 15 Minute Drama (b03jfk1x)**

[Repeat of broadcast at 10:45 today]



**FRI 20:00 Any Questions? (b03jfv3)**

Baroness Kramer, Stella Creasy MP Lord Lamont, Sir Jonathon Porritt

Jonathan Dimbleby presents political debate and discussion from the Aldeburgh Jubilee Hall in Suffolk with environmentalist and writer, Sir Jonathon Porritt, Shadow Minister for Crime Prevention Stella Creasy MP, Transport Minister Baroness Susan Kramer and the Conservative Peer and Former Chancellor of the Exchequer, Lord Lamont.

**FRI 20:50 A Point of View (b03jfv5)**

Political Trojan Horses

Will Self warns against politicians' superficially attractive policies which turn out to be Trojan horses. "It all comes down to gifts - presents that we save up for through the countrywide Christmas club we call progressive taxation, and which are then handed out by the jolly, hoho-ing Government in the form of public services."

Producer: Sheila Cook.

**FRI 21:00 A History of Britain in Numbers (b03jfv7)**

A History of Britain in Numbers: Omnibus

Episode 2

Andrew Dilnot, chair of the UK Statistics Authority, tells the story of a transformation in personal life in Britain, through the numbers that capture change on the grand scale.

He delves into the data for the big patterns and trends in history, finding new ways of thinking about the whole shape of the population - the balance between adults and children, for example, or the shifting shape of what we do with our lives, from infancy to retirement and death. He seeks answers in history to some of the problems that perplex us now, such as how badly austerity has bitten or the paradox of why no-one seems able to afford a house but so many people own one. And he tells these stories not just with data, but through people and the real experiences that bring the numbers to life.

In the search for data to measure how we've changed, the programme counts rotten teeth and adds up what people ate, what they own and throw away. What did we earn through the centuries, how do we know, and what could we do with it? What was our health like, or our homes, our jobs or education? What was the status and experience of women? And how has it all changed?

This is all presented with innovative radio techniques to capture data in sound - for example, new ways of creating graphs for the senses so that we can not just know, but feel, the changes.

Producer: Michael Blastland  
A Whistledown production for BBC Radio 4.

**FRI 21:58 Weather (b03hznq)**

The latest weather forecast.

**FRI 22:00 The World Tonight (b03jfv9)**

More details of government plans to reduce green levies on energy firms - to curb bills. Old Bailey jury told of "cowardly and callous" murder of soldier Lee Rigby. UN refugee agency says many Syrian children psychologically traumatised. Presented by Philippa Thomas.

**FRI 22:45 Book at Bedtime (b03js3r4)**

The Charioteer

Episode 5

By Mary Renault

After an injury at Dunkirk, Laurie Odell is sent to a veterans' hospital to convalesce. There he befriends Andrew, a conscientious objector serving as an orderly. But when Ralph, a mentor from his school days, reappears in his life, Laurie is forced to choose between the sweet ideals of innocence and the distinct pleasures of experience.

Episode 5:  
Ralph invites Laurie back to town and, despite a growing sense that his fellows in the ward are beginning to guess his true feelings, Laurie cannot stay away from Ralph or Andrew.

Read by: Anton Lesser  
Abridged by Eileen Horne

Produced by Clive Brill  
A Pacificus production for BBC Radio 4.

**FRI 23:00 A Good Read (b03jb1wk)**

[Repeat of broadcast at 16:30 on Tuesday]

**FRI 23:30 Today in Parliament (b03jfv6)**

Mark D'Arcy reports from Westminster as MPs continue to debate (very very slowly) the EU Referendum Bill which proposes that there should be a referendum on the UK's membership of the European Union in 2017.

Conservatives support the Bill but Labour and Liberal Democrat MPs have done their best to delay its progress.

The proposals are being steered through Parliament by the Conservative MP, James Wharton. The measure is a Private Member's Bill which means it could run out of parliamentary time -- there are only another three Fridays set aside for discussion of Private Member's Bills and the Lords haven't even started debating the plans.

Also tonight:

\* Mark hears about plans to shake up the way the House of Commons debates and takes decisions on EU laws.

\* The Speaker, John Bercow, argues it's time to look at the pros and cons of a digital democracy.

\* A Conservative MP explains why he wants to make it easier for voters to sack their MP.

\* And the latest on the parliamentary battle over HS2 - a process that could take even longer than the debate on the EU Referendum Bill.

**FRI 23:55 The Listening Project (b03jfvf)**

Lynne and Glennice - No Time to Say Goodbye

Fi Glover introduces a conversation between Lynne and her mother about the shock of Lynne's husband's sudden death from pancreatic cancer, just six weeks after being diagnosed.

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Producer: Marya Burgess.