

SATURDAY 08 JUNE 2013

SAT 00:00 Midnight News (b02129n3)

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

SAT 00:30 Book of the Week (b0213yrn)

Damian Barr - Maggie and Me

Episode 5

Still at school, Damian makes a brave decision to come out as gay, but discovers first-hand the impact of Clause 28 when his normally supportive teachers are unable to discuss his sexuality openly with him.

He heads to university and leaves Scotland for good with the help of a bursary from a mystery benefactor, and finally makes it to a new life as a journalist living in Brighton with his partner. His last visit to Scotland reminds him of the ghosts of his past that still echo in his life, the Ravenscraig steelworks that were the heart of the community and have now disappeared from the landscape, and his complicated relationship with Margaret Thatcher, his unlikely heroine.

Written and read by Damian Barr.
Abridged by Sian Preece

Producer: Allegra McLroy.

SAT 00:48 Shipping Forecast (b02129n5)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b02129n7)

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

SAT 05:20 Shipping Forecast (b02129n9)

The latest shipping forecast.

SAT 05:30 News Briefing (b02129nc)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b021440d)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

SAT 05:45 iPM (b021440g)

A microbiologist tells us how promiscuous E.coli could make "modern medicine grind to a halt". A listener calls for MPs to name a town 'Hedgehog'. And Your News is read by Dermot O'Leary. Presented by Eddie Mair and Jennifer Tracey. Email iPM@bbc.co.uk.

SAT 06:00 News and Papers (b02129nf)

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

SAT 06:04 Weather (b02129nh)

The latest weather forecast.

SAT 06:07 Ramblings (b01snjq6)

Series 24

George Monbiot in search of the wild

Clare Balding goes rambling, near Machynlleth, with the writer and environmentalist, George Monbiot. The theme of this series of Ramblings is 'In Search Of.' and, together, George and Clare are walking in search of wildness.

George's new book, 'Feral', is partly a personal story about his attempt to stave off the monochrome nature of modern-day life: "I could not continue just sitting and writing, looking after my daughter and my house, running merely to stay fit, watching the seasons cycling past without ever quite belonging to them. I was, I believed, ecologically bored".

In this walk, George explains how he has attempted to 'rewild' his own life and describes what he believes needs to be done in order to reintroduce true wildness to our countryside through the large-scale restoration of ecosystems. He says "researching it felt like stepping through the back of the wardrobe".

Using OS Explorer OL23 - Cadair Idris and Llyn Tegid - George takes Clare to his favourite place in mid-Wales, a rare stand of ancient native woodland, which stirs him to his very soul.

Producer: Karen Gregor.

SAT 06:30 Farming Today (b026vwm9)

Farming Today This Week

Britain's sheep shearing season is in full swing. Robin Markwell heads to Stroud, a market town that was shaped by the wool trade and cloth-making industry. To get an idea of what the town was like 250-years-ago he visits Dunkirk Mill, which produced some of the finest woollen cloth in the country. Against the noise of the water mill and fulling stocks, Robin chats to Jane Ford about the history of the mill - and finds out why Cotswold wool, shorn just on the doorstep, didn't make the grade.

Robin's journey through Stroud gets noisier with a visit to a thriving, present-day factory which makes billiard cloth and the covering for tennis balls...all out of wool.

And we hear from the sheep shearers gearing up for another busy summer with the clippers and the British Wool Marketing Board which is responsible for grading and auctioning thousands of fleeces.

SAT 06:57 Weather (b02129nk)

The latest weather forecast.

SAT 07:00 Today (b026ws11)

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

SAT 09:00 Saturday Live (b026ws1p)

Bill Gates, Trevor Nelson, Alex Jennings' Inheritance Tracks

Sian Williams and Richard Coles with broadcaster Trevor Nelson, billionaire philanthropist Bill Gates and Neil Ansell who chose a life of poverty. The Inheritance Tracks of actor Alex Jennings, John McCarthy visits a secret urban garden and Kate Fox provides poetry. Listeners share their stories of a stolen stamp collection and a love affair with the ZX Spectrum computer and offer their thanks to strangers near and far.

Producer: Debbie Sheringham.

SAT 10:30 Maiden Voyage: The First Woman in Space (b026x9mr)

In 1963 Valentina Tereshkova, a simple factory worker, was sent on a solo mission to space. She became a hero in her country, a legend around the world and an icon of gender equality.

But what really happened on the flight was kept secret in Soviet times and remains mysterious, earning Valentina the moniker 'Greta Garbo of Space'. No woman would travel to space for nearly 20 years after she returned.

Lucy Ash travels to Valentina's hometown Yaroslavl, on Moscow's Golden Ring, in search of the person behind the legend, meeting her daughter, workmates and relatives.

At a time when Putin is reviving Soviet-era pride in the motherland, we look at what Valentina's incredible journey means today.

Producer: Dorothy Feaver

A Cast Iron Radio and Recording production for BBC Radio 4 first broadcast in June 2013.

SAT 11:00 The Week in Westminster (b026x9mx)

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

At the 1997 general election Labour promised initially to follow the spending plans of the then Conservative chancellor Ken Clarke. Do this week's announcements on the economy and welfare suggest they will re-run the same tactic in 2015?

Ken Clarke and Geoffrey Robinson MP, a close aide of Gordon Brown and Ed Balls at the time, on the difference between now and then.

Should we going all out to extract shale gas through "fracking"? MPs Peter Lilley and Tessa Munt have opposite views on the subject, plus proposals to recall MPs who abuse the system, and the work of all party parliamentary groups, with MPs Zac Goldsmith Eleanor Laing and Andrew Griffiths. The Editor is Marie Jessel.

SAT 11:30 From Our Own Correspondent (b026xd3h)

Mussolini's Gay Island

Correspondents' despatches from around the globe. Who'll emerge victorious from the struggle in Taksim Square? Paul

Mason gives his view after spending the week in Istanbul. Lyse Doucet believes the new prime minister of Pakistan faces a daunting set of problems -- but she finds there's little chance of him going hungry! The Nigerian military say they're making progress in their campaign against the rebels of Boko Haram - Will Ross has been to the north-east of the country to make his own assessment. Alan Johnston explains how Mussolini's Fascists created a corner of Italy where homosexuals could be glad to be gay. And foreign journalists are rarely welcomed in North Korea but Juliet Rix has been there as a tourist and was delighted to meet the locals and go dancing in a park in Pyongyang.

Tony Grant produces From Our Own Correspondent.

SAT 12:00 Money Box (b026xd3k)

PIP disability benefit, direct debit charges, putting your home into a trust and slow Financial Ombudsman Service

From Monday any disabled person with care or mobility needs will have to claim a new benefit called Personal Independence Payment (PIP) rather than Disability Living Allowance which it is replacing. PIP demands a higher level of disability to get the same amount of money. We look at what those criteria are and how they have changed.

If you have a complaint about a financial firm that cannot be resolved then the standard advice is 'go to the Financial Ombudsman Service'. But many listeners have contacted us to say the service is so slow that the delays are costing them money too. The Deputy Chief Ombudsman answers the criticisms.

Many people are afraid of the cost of going into care in later life. But is putting your home into trust a sensible way to hide it from the local council? Many advisers say it is. But they charge a hefty fee upfront and offer no guarantee that this wheeze will work. A lawyer and a local council director advise.

Almost all the High Street banks have agreed not to send customers into overdraft if sufficient funds arrive to cover the deficit by the end of the day. The Financial Conduct Authority says charges in these circumstances have cost customers £200 million a year. But could the FCA have been tougher? And why did the banks charge us in the first place?

SAT 12:30 The Now Show (b0214336)

Series 40

Episode 4

Steve Punt and Hugh Dennis are joined by Holly Walsh, John Finnemore, Laura Shavin and Mitch Benn for a comic run through the week's news. Producer: Colin Anderson.

SAT 12:57 Weather (b02129nm)

The latest weather forecast.

SAT 13:00 News (b02129np)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b021438w)

Owen Paterson, Peter Hain, Leanne Wood, James Delingpole

Jonathan Dimbleby presents political debate and discussion from the Centre for Alternative Technology in Machynlleth, Wales with Secretary of State for Environment, Food and Rural Affairs Owen Paterson MP, Labour's Peter Hain MP, Leader of Plaid Cymru Leanne Woods, and commentator James Delingpole.

SAT 14:00 Any Answers? (b026y0j6)

A chance for Radio 4 listeners to have their say on the issues discussed on Any Questions. Today, should our security services be allowed to snoop through our private emails and phone calls? Following its announcement it would take the coalition's spending review as a "starting point" if it won the general election, is Labour getting closer to the Coalition government and further away from core voters? And climate change - do we have the power to stop it, and are new policies leading us away from a greener energy mix? Call Anita Anand on 03700 100 444 or email any.answers@bbc.co.uk or tweet using #bbcaq.

The producer is Katy Takatsuki.

SAT 14:30 Saturday Drama (b02x8xwn)

Fay Weldon - The Weather Girl

A new comedy drama by Fay Weldon, specially commissioned for BBC Radio 4.

Dr Pania Abbott, a clinical psychologist, is assigned to assess a young woman on remand in prison. Abigail turns out to be a

startlingly untypical prisoner as she begins to reveal the background to her appalling crimes and her own troubled life.

Abigail is played by Amy Nuttall (Ethel Parks in Downton Abbey) and previously a long term star of Emmerdale.

Rachel Pickup plays Dr Abbott. She is a regular on TV and her theatre roles this year include Olivia in Twelfth Night and Persephone in Airswimming.

Jane Bertish, who plays prisoner officer Christa, was Jocasta in Oedipus at Edinburgh's Lyceum Theatre, Mother in Tales from the Vienna Woods at the National Theatre, and Carole Findlater in Mike Newell's film Dance With a Stranger.

Writing in The Guardian, Clare Clark said "Experimental in form, and vernacular in style, (Fay Weldon's) work is distinguished not only by her virtuosity as a writer but by her fearlessness, her refusal to accept orthodoxies" - and this new drama by Weldon is typically transgressive, challenging the vague certainties of our moral framework and depicting a world of selfishness, vaulting ambition and petty vengeance.

Director: Roland Jaquarrello

Produced by John Taylor
A Fiction Factory production for BBC Radio 4.

SAT 15:30 The Science of Music (b02144py)
Episode 4

Professor Robert Winston looks at music with a scientist's eye in a series which seeks to fully understand our relationship with the power of sound.

In this programme, Robert Winston explores the science of music performance. What's happening when we perform music? And does it change our brains?

SAT 16:00 Woman's Hour (b026y0jl)
Weekend Woman's Hour: Ann Widdecombe; Radical Feminism: Curtis Sittenfeld

Ann Widdecombe on her life in and out of politics. Do we need radical feminism? Finn Mackay, feminist researcher and activist and feminist author and journalist, Laurie Penny discuss. Curtis Sittenfeld on her latest novel Sisterland. How parents affect playground bullying. Mary Jane Baxter encourages Jane Garvey to try making her own hat. Viola player Martin Kelly, and soprano Susannah Waters talk about their friend and mezzo-soprano Lorraine Hunt Lieberson. Women and bird watching. Raha Moharrak on becoming the first Saudi woman to climb Mount Everest.

Presenter: Jane Garvey
Producer: Ruth Watts.

SAT 17:00 PM (b026y0js)
Saturday PM

Full coverage of the day's news.

SAT 17:30 The Bottom Line (b02148kx)
Recruitment

Recruitment companies discuss the marks left by recession on their businesses and the employment market.

Companies in the eye of the storm when the economy first collapsed have had to adapt to stay in business. Evan Davis finds out the survival strategies of three recruiters in very different markets - from board level headhunting to finding seasonal temps and mid-level professionals.

Guests :
Virginia Bottomley, Odgers Berndtson
Matthew Sanders, CEO de Poel
Ian Temple, chair Hydrogen Group

Producer : Rosamund Jones.

SAT 17:54 Shipping Forecast (b02w5wc3)
The latest shipping forecast.

SAT 17:57 Weather (b02129nt)
The latest weather forecast.

SAT 18:00 Six O'Clock News (b02129nw)
The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b026ymc8)

Marianne Jean-Baptiste, Mike Lerner, Stuart Maconie, Dr Michael O'Donnell, Arthur Smith, Ane Brun, Tunng

Clive's in The Freak Zone with broadcaster and writer Stuart Maconie. Well known for his BBC 6Music show with Mark Radcliffe, Stuart's new book and its accompanying Radio 2 series 'The People's Songs: The Story of Modern Britain in 50 Records' provides a sweeping history of our nation set to the tunes that soundtrack our times.

Clive talks Secrets & Lies with actress Marianne Jean-Baptiste, who was nominated for an Academy Award for her role as Hortense Cumberbatch in Mike Leigh's 1996 drama. Marianne's starring as Sister Margaret, the uncompromising pastor of her Harlem church, with a congregation revolting against her leadership. 'The Amen Corner' is at London's National Theatre, Southbank until Wednesday 14th August.

Arthur Smith has a check-up with physician, author and broadcaster Dr Michael O'Donnell, whose new book 'The Barefaced Doctor: A Mischievous Medical Companion' is inspired by a lifelong exposure to medical culture, and with tongue firmly in cheek, defines, dissects and discusses a vast range of health-related topics.

Clive's in the fray with documentary producer Mike Lerner, whose new film tells the incredible story of feminist art collective Pussy Riot. Wearing their trademark balaclavas, they performed a 40 second "punk prayer" inside Russia's main cathedral, were arrested on charges of religious hatred, and two of them sent to prison. 'Pussy Riot - A Punk Prayer' is showing at Sheffield Doc / Fest on Wednesday 12th June.

With music from Norwegian singer-songwriter Ane Brun, who performs 'Feeling Good' from her album 'Songs 2003-2013'.

And a welcome return to folkie collective Tunng, who perform 'The Village' from their album 'Turbines'.

Producer: Sukey Firth.

SAT 19:00 From Fact to Fiction (b026ymcc)
Series 14

Half a Tomato

Writer and actress Katy Wix creates a fictional response to the week's news. A 15 minute stand-alone drama created from scratch during the week.

To complement Radio 4's News and Current Affairs output, our weekly series presents a dramatic response to a major story from the week's news. The form and content is entirely led by the news topic - so drama can come in many guises, as well as poetry and prose.

It's uniquely radio - an instant reaction to the mood of the moment - a concept impossible to imagine in any other medium.

The breadth of approach is echoed in the range of writers that have participated so far. They include: David Edgar, Amelia Bullmore, Mark Lawson, Bonnie Greer, Laura Solon, Will Self, Alistair Beaton, Lemn Sissay, April de Angelis, Rebecca Lenkiewicz, Adrian Mitchell, Stewart Lee, John Sergeant, Jo Shapcott, Ian McMillan, Kwame Kwei-Armah, Kate Mosse, Marina Warner, Gurpreet Kaur Bhatti, A.L. Kennedy and Lin Coghlan.

FF2F presents writers with the creative opportunity to work in a bold and instinctive way as they respond to events in the news, beginning on a Monday when an idea is selected through to Friday when the programme is recorded and edited.

The high-profile series also attracts big names from the acting profession. Philip Glenister, Tracy-Ann Oberman, Samuel West, David Soul, Henry Goodman, Anne-Marie Duff, Alistair McGowan, Robert Bathurst, Stephen Mangan, Ken Cranham, Brendan Coyle, Haydn Gwynne and Sally Hawkins are just some of the names who have featured so far.

Comedy actress Katy Wix is probably best known as Tim Vine's ditz girlfriend Daisy in BBC One sitcom, Not Going Out, or as Rhiannon Davies in Torchwood. She was also a regular cast member in Al Murray's Multiple Personality Disorder for ITV, and has appeared in Extras, Time Trumpet and Miranda. Katy is also in a surreal double-act with Anna Crilly, originally called Penny Spubb, but now simply Anna And Katy. They have performed at Edinburgh three times, and made a pilot for Radio 2. Anna and Katy was commissioned a series by Channel 4 and was first broadcast March 2013.

Producer: Polly Thomas
Production Co-ordinator: Scott Handcock

BBC Radio Drama, Wales/Cymru.

SAT 19:15 Saturday Review (b026ymcj)
Behind the Candelabra, Chagall at Tate Liverpool

Steven Soderbergh's film Behind the Candelabra tells the story of flamboyant piano star Liberace and his five-year relationship with a young lover, Scott Thorson: Michael Douglas plays Liberace and Matt Damon Thorson. It failed to find a distributor in the US until HBO backed it but was then selected to compete for the Palme d'Or at Cannes. Is there substance under the sequins?

Chagall: Modern Master at Tate Liverpool is a major new exhibition which takes an early decade in the artist's life, 1911-22. It was a time during which he travelled to Paris and married his childhood sweetheart and gives a opportunity to witness the impact of movements such as Cubism and Orphism in his work.

Strange Interlude won Eugene O'Neill the Pulitzer Prize but its 5 hour running time and its experimental asides to the audience mean that it isn't performed as often as some of his other work. With abortion, mental illness and adultery at its heart, will its dramatic impact resonate in this new shortened version at the National Theatre, with Anne Marie Duff?

The Returned began life as Les Revenants, a French film which was adapted into a television series. It was a great hit there and now Channel 4 have taken it on as their first subtitled drama for decades. Will this Alpine tale of the Undead wow the British?

Hammond Innes was a master of adventure and suspense but his works have been less read since his death in 1998. Now Vintage are re-issuing several of his works, including his original success The Lonely Skier and his great bestseller The Wreck of the Mary Deare. Do they stand the test of time?

Historian Kathryn Hughes and writers and journalists Sarfraz Manzoor and David Aaronovitch join Tom Sutcliffe.

Producer: Sarah Johnson.

SAT 20:00 Archive on 4 (b01j2bzz)
Houses v Fields

Which is a better use of our land? A beautiful green field, or a human home? We have long tied ourselves in knots trying to answer this question. Anne McElvoy ploughs the BBC archive to unearth the tangled roots of one this country's great, eternal inner conflicts.

Anne listens to a stinging mid-century polemic against new 'ribbon developments'. And she finds out which writer was so incensed at suburban sprawl that she burned cardboard models of suburbs in her garden.

But she also hears interviews with those who had managed to flee the slums and who were enraptured by the fresh air on new estates. One ex-EastEnder is agog simply at the fact that she has running water upstairs.

In this new, planning-friendly world, Prime Minister Winston Churchill broadcast to the nation on the virtues of the new emergency pre-fabricated houses - complete with "excellent baths". He expresses impatience with those who would "plan every acre" to ensure the landscape was not spoiled.

But she also hears the rough reception that greeted the Minister who ventured to Stevenage to extol the virtues of the coming new town.

This opposition to new building on ancient fields came to a new crisis in the 1980s when the boom in the south east led to extraordinary tensions. Environment Secretary Nicholas Ridley backed plans to build new settlements in the Home Counties. Protestors burned him in effigy in a Hampshire field.

And with the Coalition Government trying to encourage development while empowering local communities, Anne asks Planning Minister Nicholas Boles how he is trying to resolve the struggle between houses and fields.

With Nicholas Boles, John Carey, Juliet Gardiner, Tristram Hunt, Roger Scruton, Christine Whitehead

Producer: Phil Tinline.

SAT 21:00 Classic Serial (b02117x0)
The Radetzky March

Episode 1

The end of the Austro-Hungarian Empire as seen through the lives of three generations of the Trotta family.

Joseph Roth's most celebrated novel dramatised in two-parts by Gregory Evans.

This is the story of the Trottas, a family of Slovenian peasants ennobled when Lieutenant Joseph Trotta saves Emperor Franz Joseph's life at the Battle of Solferino in 1859. Most of the action, however, is set in the early years of the twentieth century and concerns the next two generations of Trottas, a bureaucrat and a soldier: the Baron - stiff, guarded, but secretly loving - and his son, the feckless, disaster-prone Carl Joseph.

The Radetzky March is a novel about the ending of things: love affairs, friendships, individual lives, dynasties, an empire, a world.

Literary critic Harold Blom described Joseph Roth's *The Radetzky March* as "One of the most readable, poignant and superb novels in twentieth century German".

Joseph Roth Henry Goodman
 Carl Joseph Paul Ready
 Franz Von Trotta Sam Dale
 Demant Scott Handy
 Barenstein Gunnar Cauthery
 Moser Chris Pavlo
 Eva Joanna Tincey
 Jacques John Rowe
 Josef Von Trotta Paul Stonehouse
 Onufrij Ben Crowe
 Kovacs Robert Blythe
 Kindermann Matthew Watson
 Sternberg David Seddon
 Frau Slama Hannah Wood
 Aunt Resi Joanna Brookes

Piano and Trumpet played by Peter Ringrose

Director: Marc Beeby

First broadcast on BBC Radio 4 in June 2013.

SAT 22:00 News and Weather (b02129ny)

The latest national and international news from BBC Radio 4, followed by weather.

SAT 22:15 Unreliable Evidence (b02144zx)

Secret Courts

Leading human rights barrister Dinah Rose challenges cabinet minister Ken Clarke over the Government's extension of the use of secret courts.

Dinah Rose is fundamentally opposed to the new law which allows so-called closed material proceedings to be used in civil courts where the Government is defending itself against such things as claims for compensation by alleged victims of torture. She says the move is unfair and unnecessary and undermines the principle of open justice. She was among a number of high profile figures who recently resigned from the Lib Dems over the issue.

But Ken Clarke, who pushed new legislation through parliament, says the alternative would be to allow Al-Qaeda to learn all of Britain's security secrets.

Their lively exchange comes in an edition of *Unreliable Evidence* asking if the fundamental tenet of our legal system - that justice should be seen to be done - is coming increasingly under threat.

Clive Anderson and his guests discuss the arguments for and against conducting proceedings behind closed doors in the Court of Protection, the family courts and in the criminal courts as well as issues relating to anonymity of defendants, victims and witnesses.

Producer: Brian King

An Above The Title production for BBC Radio 4.

SAT 23:00 Counterpoint (b0211jrj)

Series 27

Episode 5

(5/13)

The latest heat of the wide-ranging music quiz comes from the Radio Theatre in London, with Paul Gambaccini asking the questions.

The contestants will have to display their knowledge of music in all its variety, from Puccini and Wagner to Elvis Costello and the music of the Bond films. There are plenty of musical extracts to identify, both familiar and surprising. The winner will take a place in the Counterpoint 2013 semi-finals later in the summer.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b02118cy)

Poets reading other poets

Roger McGough presents a selection of poetry requests. This week: poets reading other poets' work, including Maya Angelou reading Shakespeare and Alice Oswald reading Milton. Also featuring Christopher Logue's rendition of Neruda's work with jazz accompaniment, and translations of Rilke and Machado by Don Paterson.

Producer: Sarah Langan.

SUNDAY 09 JUNE 2013

SUN 00:00 Midnight News (b021mymg)

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

SUN 00:30 Mick Jackson - Junior Science (b017clx1)

Zero Gravity

To coincide with the broadcast of 'Junior Science', Mick Jackson is taking up a year-long post as writer-in residence at The Science Museum in London.

In these three specially-commissioned stories, children become involved in science with strange and unsettling results.

In 'Zero Gravity', Daniel Taylor throws a ball into the air, with unexpected results. He is soon able to carry out the ultimate experiment in gravity and explores his home town in a way he never has before.

Mick Jackson is a Booker-nominated author and screenwriter. His first novel, *The Underground Man*, was shortlisted for The Booker Prize, The Whitbread First Novel Award and won The Royal Society of Authors' First Novel Award. He has published three novels and two illustrated collections of stories including *Spirit Bears*, *Circus Bears* and *Sewer Bears* which were produced by Sweet Talk for BBC Radio 4.

Mick also writes screenplays and has directed documentaries. One of his short stories, *The Pearce Sisters*, was adapted by Aardman Animation and won more than twenty prizes at international film festivals, including a BAFTA for Best Short Animation.

Mick lives in Brighton with his family.

Written by Mick Jackson

Reader: David Holt

Producer: Rosalind Ward

A Sweet Talk production for BBC Radio 4.

SUN 00:48 Shipping Forecast (b021mymj)

The latest shipping forecast.

SUN 01:00 Selection of BBC World Service Programmes (b021myml)

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

SUN 05:20 Shipping Forecast (b021mymn)

The latest shipping forecast.

SUN 05:30 News Briefing (b021mymq)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b0270km7)

The bells of St. Mary Magdalene, Ditcheat, Somerset.

SUN 05:45 Four Thought (b02144zz)

Series 4

Steven Poole: Think for Yourself

Steven Poole argues that we should resist the modern message, from pop science and brain scans, that humans are irrational creatures, driven by instant judgement and primordial urges.

Instead, he says we should stand up together and say we can think, and that's what makes us human.

Four Thought is a series of talks which combine new ideas and personal stories. Speakers explain their latest thinking on the trends and ideas in culture and society in front of a live audience. It is recorded in front of a live audience at Somerset House in London.

Producer: Giles Edwards.

SUN 06:00 News Headlines (b021mymy)

The latest national and international news.

SUN 06:05 Something Understood (b0270kml)

Seeing God

In a programme on religious visions, Mark Tully asks whether visionaries are empowered by this intense religious experience. He looks at the Hindu phenomenon of darshan, a divine vision which is seen as a particular blessing.

Visions - personal and apparently literal encounters with the divine - are viewed differently from one faith to another. Considered by some people as an important step on the road to enlightenment, they are viewed askance by others, and with suspicion by many.

Mark examines how visions are regarded by writers ranging from the Ancient Druid Amargin to Christopher Isherwood. He plays music by Lata Mangeshkar, Ernest Bloch and Van Morrison to compare the many musical visions of the face of God.

The readers are Toby Jones and Gerard Murphy

Producer by Frank Stirling.

A Unique production for BBC Radio 4.

SUN 06:35 On Your Farm (b0270kms)

Hundreds of farms across the country are opening their doors today to the public. The aim is to raise awareness of where our food comes from and what farming involves. In the weeks before and after Open Farm Sunday, selected farms across the UK are also hosting events for school children. For this morning's *On Your Farm*, Charlotte Smith joins a group of 25 seven year olds in their visit to a poultry and potato farm in Somerset. To find out which farms in your area are taking part, visit the open farm sunday website.

SUN 06:57 Weather (b021mymv)

The latest weather forecast.

SUN 07:00 News and Papers (b021mymx)

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

SUN 07:10 Sunday (b0270kn2)

Pussy Riot interview; IF Campaign; Justine Greening

As Iran prepares to vote for a new President, our Presenter Edward Stourton talks to Ali Ansari, Professor of Iranian History at St Andrews University about how the election procedure is geared to preserving and legitimising the Islamic Republican system. Our Moscow Correspondent Steve Rosenberg talks to Yekaterina Samutsevich, one of the members of punk band Pussy Riot about the intentions behind that 'punk prayer' protest in Moscow's main Cathedral, Christ the Saviour, last year. Dorian Jones looks at the issues raised by the mass demonstrations in Turkey, aimed at the policies of the Islamic rooted government. David Cameron is setting up a taskforce to 'look again' at the Government's strategy for dealing with extremism and radicalisation, with Universities coming under the spotlight. But is it a case of too little too late? Lord Carlile QC and Professor Martin Hall, Vice Chancellor of Salford University discuss the issue with Edward. Enough Food For Everyone, that's the message from the IF campaign, a lobby group of development and faith based organisations who want next week's G8 Summit to focus on tackling global hunger. But what difference if any can these campaigners make, Trevor Barnes reports. And Edward asks the Rt Hon Justine Greening MP, Secretary of State for International Development if the Government will be taking up the IF Campaign's challenge for action.

CREDITS:

Series Producer: Amanda Hancox

Producer: Jill Collins

Producer: Carmel Lonergan

Interviewees: Rt Hon Justine Greening MP

Lord Carlile QC

Professor Ali Ansari

Professor Martin Hall

Yekaterina Samutsevich.

SUN 07:55 Radio 4 Appeal (b0270kn6)

Africa Educational Trust

Clare Short presents the Radio 4 Appeal for Africa Educational Trust

Reg Charity:298316

To Give:

- Freephone 0800 404 8144

- Freepost BBC Radio 4 Appeal, mark the back of the envelope Africa Educational Trust.

SUN 07:57 Weather (b021mymz)

The latest weather forecast.

SUN 08:00 News and Papers (b021myn1)

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

SUN 08:10 Sunday Worship (b0270knc)

The call to care - A service live from Blackburn Cathedral marking National Carers' Week led by Canon Sue Penfold with Canon Ian Stockton. The Renaissance Singers and the Cathedral's Young People's Choir are directed by Samuel Hudson and Shaun Turnbull. Producer: Stephen Shipley.

SUN 08:48 A Point of View (b021439g)

Can Compassion Be Taught?

Tom Shakespeare presents the first of his four essays. There have been several recent scandals in the health service, with appalling cases of abuse and neglect coming to light. Not surprisingly, this has led to calls for people in the medical profession to be taught compassion. But Tom is sceptical. This week he asks whether compassion can and should be taught.

SUN 08:58 Tweet of the Day (b020trnx)

Nightjar

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

Miranda Krestovnikoff presents the Nightjar. Take a walk on a heath on a warm summer evening and you may hear the strange churring sound of the nightjar.

SUN 09:00 Broadcasting House (b0270knm)

Sunday morning magazine programme.

SUN 10:00 The Archers Omnibus (b0270knp)

Brian turns a bit frosty, and Lynda pricks Jim's conscience.

SUN 11:15 Desert Island Discs (b02lr130)

Conrad Anker

Kirsty Young's castaway this week is the mountaineer Conrad Anker.

Some of us choose a life in I.T. or event planning - Conrad Anker has opted to swing from a nylon stepladder 19,000 feet up a cliff with a dose of trench foot and a wedge of stale cheese for supper. It may seem an odd way to spend one's life but it's his way.

One of the world's elite climbers he's credited with a long list of first time ascents. He's also summited Everest three times. During one renowned climb he discovered the icy corpse of the legendary George Mallory who had perished along with Sandy Irvine as they tried to scale the peak - in nothing more than hobnail boots and tweeds - in 1924.

When he isn't exploring the far corners of the world's wilderness he's at home in Montana with his wife Jennifer, the widow of his best friend Alex Lowe, who was killed by an avalanche that narrowly missed Conrad himself.

He says of his life, "Most people are so risk averse. The world is full of couch potatoes ... we climbers should get government stipends for keeping the risk-taking gene pool alive."

Producer: Cathy Drysdale.

SUN 12:00 Just a Minute (b0211jrs)

Series 66

Episode 3

Nicholas Parsons hosts the verbally challenging panel game with panellists; Paul Merton, Richard Herring, Gyles Brandreth and Russell Kane.

Producer: Katie Tyrrell.

SUN 12:32 The Food Programme (b02lr139)

Bereavement and Food

In the throes of bereavement food can seem unimportant. People lose both their appetite and their sense of taste. But food

and cooking can also play a positive and healing role in helping individuals come to terms with their loss. Sheila Dillon explores the healing power of food and how it can help to remember and recapture memories of those who have died.

Sheila visited the Hospice of St Francis in Berkhamsted which runs cookery courses for those who've been bereaved. Some of those taking part had lost the will to cook - especially the prospect of making meals for one rather than two. Others found they'd lost the partner or parent who'd made all the meals and found themselves not only grieving but without the knowledge and skills to cook for themselves. They explained how a simple course has given them far more than just a collection of recipes.

The programme also looks at the legacy of recipes which can be a way to remember loved ones and connect with them after they have passed on. Over the years Bridget Blair has gathered together the recipes of relatives, friends and neighbours for posterity and while the book is covered in spatters and finger marks her children are keen to inherit the secrets of those recipes and the memories. Meanwhile Rob Tizzard is trying to replicate his late mother's bread pudding recipe from memory which somehow never seems to come out exactly the way she made it but brings him joy trying.

Produced in Bristol by Anne-Marie Bullock.

SUN 12:57 Weather (b021myn3)

The latest weather forecast.

SUN 13:00 The World This Weekend (b02lr13k)

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 Happy Days - The Children of the Stones (b01nr1bx)

Writer and comedian Stewart Lee explores the ground breaking television series Children of the Stones and examines its special place in the memories of those children who watched it on its initial transmission in a state of excitement and terror.

The programme includes contributions from series co-creator Jeremy Burnham, singer Julian Cope, cast members and fans.

In 1977 HTV launched the revolutionary children's television drama telling the story of an astrophysicist and his son who arrive in the village of Milbury to study ancient stones. The residents greet each other with the phrase 'Happy day' and the community is held in a strange captivity by the psychic forces generated by the circle of giant Neolithic stones which surround it.

Filmed at Avebury in Wiltshire, it is a strangely atmospheric production with the baleful, discordant wailing voices of the incidental music increasing the tension.

The story, involving a temporal paradox and issues of individuality and community assimilation thematically challenged the after-school audience, which included Stewart Lee.

In this documentary Lee returns to Avebury to discuss the serial's impact, examine its influence on him and explore the history and secrets of the ancient stones.

1970s kids may have dived behind the sofa during Doctor Who, but it was Children of the Stones that gave them nightmares.

The series is frequently cited by those who remember it as one of the scariest things they saw as children.

SUN 14:00 Gardeners' Question Time (b02142z1)

Stoke-on-Trent

Eric Robson chairs the horticultural panel programme in Stoke on Trent. Taking questions from a local gardening audience this week are Matt Biggs, Christine Walkden and Chris Beardshaw.

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

This week's questions:

Q. Is it too late to plant potatoes?

A. Potatoes can be planted throughout the year, but to extend cropping plant in large containers or compost bags and keep in an area where they can be kept frost-free at the latter end of the season. Plant a succession of early potatoes through the spring, have a break at 'Blight time' and then begin again in mid-August.

Q. I have three young apple trees. The Jonagold and Cox's Orange Pippin are fine, but the James Grieve is always covered

in greenfly at this time of year. Why might this be?

A. If the tree is sickly, the chances are it will be a struggle, especially when competing with two other healthy trees. It might be worth checking the roots for any signs of what might be causing the trouble, such as compacted soil or standing water. In order to tackle the greenfly, place a nesting box nearby, as natural predators such as Blue Tits might be encouraged to feed on the aphids. If all else fails, the tree may need to be removed altogether.

Q. Do tomato plants grow well and fruit hanging upside down? What would be the best variety for this?

A. A hanging basket variety such as Tumbler would be best.

Q. Which vegetables could be planted in a north-facing plot in partial shade?

A. Anything rapid growing such as the salad vegetables - lettuce, chard and spinach - are recommended. If kept wet, Wasabi is one of the few plants that will grow well in those conditions. Herbs such as Sweet Cicely are also suggested.

Q. Is it too late to hard prune a Choisya bush that was badly damaged by frost in the spring. Will it still make new growth from the base?

A. With evergreens such as Choisyas, it is best to prune when they are in their first growth. Any time before midsummer's day will be OK in a slow season such as this one. As a precaution, the shrub can be cut back in stages, reducing the total canopy by a third in size or removing a third of the stems each year. On a damaged bush such as this, keep pruning to a minimum - removing only parts which are damaged, dead, diseased or dying. Feed with general fertiliser and water well during the warm summer season.

Q. How can a wild flowering lawn be established on an existing area of grass which is in part shade and currently full of moss?

A. Take off the mowings and reduce the fertility of the soil significantly. Don't worry about the moss unless it is really rampagous, in which case introducing plugs may be easier than seeding down. Species such as Celandine and Ajuga will do well in shady, damp areas. Oxeye Daisies and Buttercups will spread over time from the existing grass if managed well. Sorrel and Violets could also be grown.

Q. Do Wisteria take time to get established, or is there something wrong if the plant has not flowered for three years?

A. A grafted Wisteria plant will grow quite quickly, but ones raised from seed can take from five to 10 years to start flowering. If the plant is growing well, prune it in July, taking the side shoots back to two buds' length. Try to prune in such a way to encourage one or two of the stems up. Turning the stems horizontally will change the hormone levels in the plant and may encourage it to flower. Wisteria are best when grown against a south-facing wall.

Q. Does the panel have any advice for growing Morning Glory (Ipomoea 'Heavenly Blue')? The seeds germinate well and grow strongly until being hardened off and put outside. Would it be better to grow them indoors?

A. Morning Glory likes to have its head in the sun and free-draining soils. The past few seasons have not been the right weather - warmth, particularly longevity of warmth, is the key for growing these plants. A cool glass house or a conservatory would be a good environment for this. However, if they become too warm indoors, they can be subject to attack from red spider mite.

Q. What can be planted in the gaps left by tropical plants killed off by the last three years' worth of bad weather?

A. Rhododendron 'Polar Bear' and 'Arctic Freeze' lettuce are suggested! Native plants throughout the garden will be much better suited to cope with the poor weather conditions. Eric Robson chairs the horticultural panel programme in Stoke on Trent. Matt Biggs, Christine Walkden and Chris Beardshaw take questions from the local gardening audience.

SUN 14:45 The Listening Project (b02lsp05)

Sunday Edition - Listener Uploads

Fi Glover introduces conversations about love and marriage, and about education, all uploaded by listeners themselves, 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

Producer: Marya Burgess.

SUN 15:00 Classic Serial (b02lwc5t)
The Radetzky March

Episode 2

Carl Joseph has been posted to a remote outpost of the Austro-Hungarian near the Russian border where his life, and the life of the Empire, is about to take a turn for the worse.

Conclusion of Joseph Roth's most celebrated novel about the ending of things: love affairs, friendships, individual lives, dynasties, an empire, a world.

Joseph Roth Henry Goodman
Carl Joseph Paul Ready
Franz Von Trotta Sam Dale
Chojnicki David Schofield
Zoglauer Gunmar Cauthery
Emperor Franz Joseph/John Rowe
Valli Joannah Tincey
Onufrij Ben Crowe
Brodnitzer Chris Pavlo
Wagner David Seddon
Hirschwitz Philippa Stanton
Skowronneck Robert Blythe
Sgt Slama Paul Stonehouse

Dramatised by Gregory Evans.

Piano and Trumpet played by Peter Ringrose

Director: Marc Beeby

First broadcast on BBC Radio 4 in June 2013.

SUN 16:00 Open Book (b02lwc62)

Mark Billingham on his latest book *The Dying Hours*

Mark Billingham talks to Mariella Frostrup about his latest novel in his hugely successful D.I. Tom Thorne series, *The Dying Hours*. He explains why Thorne has been transferred from the Murder Squad to uniform and is back on the beat, but still battling against authority. Also why his emphasis on the depiction of crime has changed as both he and Thorne get older.

Afghanistan and Gaza are places that have featured more often in news headlines than on our bookshelves for many years. Louisa Waugh and Anna Badkhen are journalists who live rather than travel in foreign countries and they explain why they feel that non-fiction books give a new dimension to reporting on these areas of conflict and are the best way to tell the human stories behind the headlines.

And Australian Man Booker winner Thomas Keneally tells us about the book he would never lend to anyone - his copy of *The Poems* of Gerard Manley Hopkins

Producer: Andrea Kidd.

SUN 16:30 Poetry Please (b02lyb06)

Roger McGough encounters a mango for the first time, meets the Queen of Sheba and hears how spoken word artist Steven Duncan is inspired by his grandma's wise words.

Listeners have requested a poem from his play 'The Mother' that got Bertolt Brecht into hot water with the House Committee on Un-American Activities, and another by the champion of Jamaican patois, Louise Bennett-Coverley 'Colonization in Reverse'.

With readers Alex Lanipekun, Hannah Wood and Nadia Williams.

Producer...Mary Ward-Lowery.

SUN 17:00 File on 4 (b0213yzt)

Elderly Care: Neglected Questions

Operation Jasmine was the UK's biggest ever care home abuse investigation.

But in January this year proceedings against two key figures in the case collapsed, leaving dozens of families asking if they will

ever get justice.

While relatives demand a public inquiry into what happened in the six Welsh care homes at the centre of the case, 12.5 metric tonnes of unpublished evidence lie in a Pontypool warehouse.

Experts say prosecutors too often face insurmountable difficulties in bringing people accused of neglecting the vulnerable to justice. Several high-profile figures are now calling for a change in the law: one barrister and academic tells File on 4 current legislation gives greater protection against cruelty to animals than against people.

With other major scandals such as those at Winterbourne View and Mid-Staffordshire still fresh in the public mind, Fran Abrams asks if the justice system is fit for purpose when it comes to dealing with abuse and neglect.
Producer: Nicola Dowling.

SUN 17:40 From Fact to Fiction (b026ymcc)

[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b021myn5)

The latest shipping forecast.

SUN 17:57 Weather (b021myn7)

The latest weather forecast.

SUN 18:00 Six O'Clock News (b021myn9)

The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b02lyb0l)

Power is one of the threads running through the selection of radio in Caz Graham's pick of the week, what it is and what it does to people. Like how super power rivalry in the Cold War led to Valentina Tereshkova blasting into orbit as the first woman in space, how Maggie Thatcher became an unlikely role model for a scrap of a lad in Ravenscraig, and the battle between censors and artists in Burma.
There's Dr Feelgood guitarist Wilco Johnson, Cerys Mathews in fine voice, and what they don't tell you in ante-natal classes.

Caz Graham's choices:

Book of the Week - Maggie and Me - Radio 4
Recycled Radio - Radio 4
Sunday Feature - Burma: Art Under Dictatorship - Radio 3
Maiden Voyage - The First Woman in Space - Radio 4
The First Time With...Wilko Johnson - 6Music
Dreaming the City - Ashes - Radio 4
Desert Island Discs - Conrad Anker - Radio 4
PM (Wednesday 5 June) - Asta Philpot interview - Radio 4
Four Bare Legs in a Bed - An Interesting Condition - Radio 4
The Culture Studio with Janice Forsyth - Cerys Matthews interview - BBC Radio Scotland
Bob Harris Country - The Old Crow Medicine Show in session - Radio 2
Trade-Plating Round Britain - Radio 4
The Toll - Radio 4
Afternoon Drama - Kokomo - Radio 4

Produced by Louise Clarke.

SUN 19:00 The Archers (b02lyb0t)

As Josh prepares for Open Farm Sunday today, he tells Jill that he's doing his first farmers' market with Phoebe and Hayley a week today. Jill reminds him it's Ruth's birthday. Oops. Josh thought her birthday was Saturday. Pip's looking forward to stewarding, which will take her mind off her next exam on Tuesday. Ruth hopes last year's bad publicity won't stop people coming. It doesn't, and at the end of a successful but tiring day, David congratulates everyone.

Josh announces that he's not doing the market next Sunday because it's Ruth's birthday, and Father's Day. Ruth insists he mustn't cancel. They can have a nice family tea when he gets back.

Paul's daughter Grace tells Matt that he and Lilian are welcome at Paul's funeral, next Monday. She wishes Paul had looked after his high blood pressure better. Guilty Matt didn't know about that, and takes some comfort in it. She also tells him Paul couldn't let his ex-wife go. She wishes he'd met someone else.

Lilian eventually gets home after a long ride on Spearmint. She's taken by surprise when, out of nowhere, Matt tells her that Paul died alone, in a hotel room. He gauges her reaction but, though genuinely sorry, Lillian's not about to confess.

SUN 19:15 The Write Stuff (b02lyb11)

Series 16

William Blake

Radio 4's literary panel show, hosted by James Walton, with team captains Sebastian Faulks and John Walsh and guests John O'Farrell and Jane Thynne.

Produced by Alexandra Smith.

SUN 19:45 American Shorts (b02lyb17)

26 Days

A series of newly published stories examine contemporary life across the water:

1. 26 Days by Ron Rash.

Daily life in the American heartlands is overshadowed by the actions of a daughter, who is faraway in a war-torn land...

Reader Stuart Milligan

Producer Duncan Minshull.

SUN 20:00 More or Less (b0214z25)

A&E, and the chances of having twins

The news has been awash with headlines about the crisis in A&E departments. More people are using emergency care services and more people are waiting to be treated. We take a look behind the headlines.

Hunting for official statistics

MPs have criticised the way official statistics are published. They say it is hard for both experts and members of the public to make the most of all the statistical information supplied by the Office for National Statistics- the producers of the nation's economic and population data. Tim Harford sits down with Evan Davies to explore the their website. We hear their frustrations and examine how the numbers are used. Not only is it hard to find data, but Chris Giles from the Financial Times explains the problems with reporting data without sufficient context and explanation, leading to poor reporting in the press. We hear from Laura Dewis from the ONS.

Twins

What are the chances of a woman having three sets of non-identical twins? It has been reported that it is 1 in 500,000 chance. But is that true? We work out the probability.

Naked Statistics

Tim Harford interviews the author of the new book *Naked Statistics: Stripping the Dread From the Data*. Charles Wheelan, a former Economist correspondent and professor at Dartmouth College in the US, has created an accessible primer for number-crunching: stripping away the complexity and making statistics comprehensible. He gives Tim some statistical tips for parenting.

Men think about sex every seven seconds

This urban myth has been repeated time and again in songs, articles and advertising. But where did it come from? And could it possibly be true? Not to mention- how do men compare to women? More or Less charts the use of the saying, and tests its veracity.

We speak to Professor Terri Fisher, professor of psychology, The Ohio State University at Mansfield in the US.

Presenter: Tim Harford

Producer: Charlotte McDonald.

SUN 20:30 Last Word (b0214z3j)

A novelist, a botanist, a TV writer, a missionary and a composer

Mark Coles on:

The writer Tom Sharpe, best known for his comic novels like *Wilt* and *Porterhouse Blue*.

The Kew Gardens botanist Nigel Hepper who foresaw the effects of global warming decades before anyone else.

Anne Valery, the co-writer of the hugely successful BBC World War 2 drama, *Tenko*.

The leading French classical composer, Henri Dutilleux. A man who believed in the magic of music.

And Molly Clutton-Brock, a British missionary who set up ground-breaking clinics to help disadvantaged children in former Rhodesia.

SUN 21:00 Money Box (b026xd3k)

[Repeat of broadcast at 12:00 on Saturday]

SUN 21:26 Radio 4 Appeal (b0270kn6)

[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b0211jzs)

Is Regional Policy a Waste of Time?

The gap between English north and south is growing. But does government have the answer? In the north-east of England, Alison Wolf discovers why 'regional policy' may be a waste of time. Does better infrastructure or state support for 'key' industries make a real difference? But there's a twist. Instead of everyone heading from north to south, there may just be a move back in the other direction. She discovers that individuals chasing quality of life, not government pushing its policies, will be what really decides the regions' future.

Presenter: Professor Alison Wolf
Producer: Chris Bowlby
Editor: Richard Vadon.

SUN 22:00 Westminster Hour (b02lysg3)

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 (b02lysgk)

John Kampfner of The Independent analyses how the newspapers are covering the biggest stories.

SUN 23:00 The Film Programme (b02147x0)

Michael Douglas on Liberace, Audrey Tautou on Therese Desqueyroux

Francine Stock talks to Michael Douglas about his role as Liberace in Steven Soderbergh's bio-pic Behind the Candelabra, chronicling the flamboyant entertainer's 5 year relationship with Scott Thorson. The film features a starry cast, including Matt Damon as Scott Thorson and Rob Lowe as the infamous plastic surgeon Dr Startz.

Audrey Tautou talks about her eponymous role in François Mauriac's legendary 1927 novel of French provincial life, Therese Desqueyroux, in French film director Claude Miller's final film.

But how does a writer face the challenge of adapting a much loved novel for the screen? Byzantium screen writer Moira Buffini, who adapted Jane Eyre for the cinema in 2011, and Deborah Moggach, who adapted Pride and Prejudice in 2005, discuss whether the resulting film reveals much more about current society's values than the age in which the work was originally written.

Shane Meadows's new documentary "Stone Roses: Made Of Stone" is about the iconic Manchester band of the late 80's and 90's. Meadows had unprecedented access to the band for a year after their reunion in October 2011. Film critic Dave Calhoun discusses Made of Stone's contribution to the way in which British films have explored particularly British music.

Producer: Hilary Dunn

SUN 23:30 Something Understood (b0270kml)

[Repeat of broadcast at 06:05 today]

MONDAY 10 JUNE 2013

MON 00:00 Midnight News (b021mypk)

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

MON 00:15 Thinking Allowed (b02143yw)

'Long Hours' work culture; Empty labour

Empty labour - international statistics suggest that the average time an employee spends engaged in private activities is 1 and half to 2 hours a day. Laurie Taylor talks to Roland Paulsen, a Swedish sociologist, who interviewed 43 workers who spent around half their working hours on 'empty labour'. Are such employees merely 'slacking' or are such little 'subversions' acts of resistance to the way work appropriates so much of our time? They're joined by the writer, Michael Bywater. By contrast, Jane Sturges, discusses her research into professionals caught up, both reluctantly as well as willingly, in a 'long hours' work culture.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b0270km7)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b021mypm)

The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b021mypp)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b021mypr)

The latest shipping forecast.

MON 05:30 News Briefing (b021mypt)

The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b02wglfc)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

MON 05:45 Farming Today (b02m2g58)

Robin Markwell hears that UK banana supply is threatened as farmer workers in Colombia plan to strike. Bananas are the UK's favourite fruit, we eat over 500 million kilos of them a year and around a fifth of those are imported from Colombia. But 18,000 Colombian workers are set to go on strike over pay cuts.

And this year farmers are likely to be plagued by slugs as the late spring causes more damage than usual.

Presented by Robin Markwell. Produced by Emma Weatherill.

MON 05:56 Weather (b021mypw)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b020tp7c)

Barn Owl

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

Miranda Krestovnikoff presents the Barn Owl. Barn owls are mainly nocturnal hunters. They are ghostly creatures, with rounded wings and a large head which acts as a reflector funneling the slightest sound from their prey towards their large ear openings.

MON 06:00 Today (b02m7fz5)

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

MON 09:00 Start the Week (b02m2g5c)

Putin's Russia

On Start the Week Anne McElvoy talks to the Russian expert Fiona Hill about the many faces of Vladimir Putin, while Vladislav Zubok considers the impact of the past on the Russia of today. Oliver Bullough turns to drink to understand the soul of the nation and the historian Rachel Polonsky considers the cultural landscape of the post-Soviet era.

Producer: Katy Hickman.

MON 09:45 Book of the Week (b02m2g5g)

Charles Timoney - An Englishman Aboard

Episode 1

Charles Timoney is an English writer, with a French wife, living in France.

After showing a group of friends the rowing boat he has spent the last six months building, Charles - possibly unwisely - accepts a challenge to travel the entire length of the River Seine from source to the sea, using the boat where he can, to discover the true France.

But it proves rather more difficult than he imagined. Not all of the Seine is navigable by rowing boat, so he sets sail into an unvarnished France on a variety of craft, hitching lifts in everything from a converted Parisian tourist boat to a sailing boat with no mast. He even tries out an amphibious vehicle.

Along the way he encounters Stéphane (a carp fisherman with a very strange habit), grapples with rapids and stubborn cattle, rescues a couple when their sailing dinghy capsizes, and discovers that rowing in the dark is more frightening than he first thought.

Written by Charles Timoney
Abridged by Libby Spurrier

Reader: Mark Heap
Producer: Joanna Green

A Pier Production for BBC Radio 4.

MON 10:00 Woman's Hour (b02m7fz8)

David Lammy MP; Offensive material online; Rahila Gupta

David Lammy MP on what he'd like Labour to do to engage fathers in family life. Are there risks to free speech in limiting offensive material that's available online? Kirsty Hughes of Index on Censorship debates the issues. NoViolet Bulawayo on writing about her native homeland, Zimbabwe. Rahila Gupta on the play that grew from her struggle against prejudice in caring for her son, born with cerebral palsy, and his life that ended suddenly when he was 17.

MON 10:45 15 Minute Drama (b02m7fzc)

The Dogs and the Wolves

Episode 1

The Dogs and The Wolves Episode 1/5
by Irene Nemirovsky, translated by Sandra Smith
Dramatised by Ellen Dryden

Ada Sinner grows up during the Jewish pogroms in the Ukraine in the early 20c. When her Aunt Raisia and cousins come to live with her and her father, she feels more alone than ever. But then Ada discovers another cousin, the rich and distant, Harry Sinner, and a life long passion and love for Harry begins.

FURTHER INFO:

The French title - Entre chien et loup, meaning twilight, the time when the light is too dim to distinguish a dog from a wolf. This is a novel about family, about fate, about the power of love and about money. Of the banking crash that precipitates her novel's final tragedy, Némirovsky writes with eerie resonance. This was Némirovsky's last published novel.

MON 11:00 Recycled Radio (b02m7fzh)

Series 1

Money

What connects Ken Clarke, Chris Moyles, and Sue MacGregor, along with Brenda Blethyn, Milton Friedman and The Goons?

The answer is money - courtesy of Recycled Radio.

We've chopped, looped and teased tales as diverse as Aesop's fable about the goose that lay the golden egg to Ian Duncan Smith being asked to live on £53 a week.

There's music from Buddy Ella and the Johnsons, Phoenix, and Chitty Chitty Bang Bang. John Major claims that lottery fever will make Britain a better place to live; Melvyn Bragg asks if money is the root of all evil; and the American economist Milton Friedman asks what is greed.

"Of course none of us are greedy," he says, "it's only the other fellow who is greedy."

Producer: Miles Warde

First broadcast on BBC Radio 4 in 2013.

MON 11:30 Bleak Expectations (b01p0fz3)

Series 5

A Re-Excited Life Made Distinctly Dangerous

The Victorian comedy adventure sees Pip and his friends travel to India in their quest to thwart the evil machinations of smooth but sinister genius Mr Gently Benevolent.

Gasp as our heroes struggle with super-intelligent tigers, giant snakes, and secret gin!

Mark Evans's epic Victorian comedy in the style of Charles Dickens.

Sir Philip Richard Johnson
Young Pip Bin Tom Allen
Gently Benevolent Anthony Head
Harry Biscuit James Bachman
Clampvulture Geoffrey Whitehead
Ripely Sarah Hadland
Pippa Susy Kane
Viceroy Roy Weiss Mark Evans

Producer: Gareth Edwards.

First broadcast on BBC Radio 4 in November 2012.

MON 12:00 You and Yours (b02m7fzl)

Artisan bread, nuisance phone calls, black henna tattoos

Is it time for a crack down on businesses that make unsolicited marketing phone calls and texts? You and Yours listeners regularly contact the programme to complain about so called "nuisance phone calls". Registering with the Telephone Preference Service can help, but some people have told us they still receive many unwanted calls. Every year, thousands of British people get black henna temporary tattoos, often when they are on holiday. But there is a warning that the tattoos can sometimes go badly wrong, causing blisters, burns and scars. Baking at home and "artisan bread" is getting more and more popular. We discover how using a mobile phone can cause delays to train services.
 Producer: Jonathan Hallowell
 Presenter: Julian Worricker.

MON 12:57 Weather (b021mypp)

The latest weather forecast.

MON 13:00 World at One (b02m7fzq)

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

MON 13:45 1913: The Year Before (b02m7fzt)

The Long Summer

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything. But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

In the first programme Michael samples the atmosphere of June 1913.

Producer
 Tom Alban.

MON 14:00 The Archers (b02lyb01)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Drama (b02m7fzz)

Abigail Docherty - Ursula and Boy

Inspired by the true story of Ursula Kemp whose eight year-old son testified against her for witchcraft in St. Osyth, Essex, in 1582.

In Elizabethan England, Jean Bodin, a French aristocrat brings news to Queen Elizabeth of 'Sorceries and Wytches' abroad in her country. The luminaries of her court - and those who wanted to find favour - set out to root out witches within their wards. Brian Darcy, Justice of the Peace in St. Osyth, arrives in the town of his birth. He is here to do his duty, and at church on Sunday he watches the women of the town with a sharp eye.

Some days later, Grace Thurlowe, arrives in his drawing room with the news he is hoping for. Ursula Kemp, a local apothecary, has bewitched Grace's family. She sent familiars into Grace's house to rock the cradle where her ten-month old baby lay - the child fell, smashing her head on the stone floor. And now the child is dead. Ursula cursed Grace, and now Grace is lame. Ursula will have to pay.

Ursula's illegitimate son does not know his name, or who his father is. His mother will not tell him. So he imagines instead. And his wild imaginings fuel the fire underneath Ursula. Ursula is bought before Brian Darcy, and Darcy presents her with an impossible choice.

Abigail Docherty won the Tron Open Stage Playwriting Competition 2010 for her play Sea, Land and Sky.

Natalie Press is best known for playing the lead in Andrea Arnold's Oscar-winning short Wasp. She also appears in Arnold's Red Road and in Pawel Pawlikowski's My Summer of Love with Emily Blunt.

Sound Design: Nigel Lewis
 A BBC/Cymru Wales production, directed by Lu Kemp.

MON 15:00 Counterpoint (b02m7g03)

Series 27

Episode 6

(6/13)

Do you know which hit comedy film of the 1980s featured the theme tune 'Axel F'? And in Berlioz's opera based on Shakespeare's Much Ado About Nothing, which two characters are named in the title?

Paul Gambaccini is in the chair for the latest heat of the music quiz Counterpoint, this week coming from Media City in Salford and featuring competitors from Glasgow, Chester and Malvern in Worcestershire.

One of them will win a place in the semi-finals later in the summer, and may be in with a real chance of becoming the 27th Counterpoint champion.

There's music to suit all tastes, and plenty of surprising facts and anecdotes.

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b02lrl39)

[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 Ebony: Black on White on Black (b02mfzny)

Ever since its first appearance on the newsstands in 1945 Ebony Magazine proclaimed a world of African American life utterly unseen and unnoticed in the pages of white America, Gary Younge tells its story.

Whilst it has never ventured far from the philosophy of founder John H Johnson in mixing 'Orange Juice with Castor Oil', in terms of its depiction and coverage of black achievement and celebrity, it and sister publications like Jet, has continued to chart the possibilities and contradictions of African American life from the time of Jim Crow to the age of Obama.

The Johnson Publishing empire began on Chicago's Southside or Bronzeville at a time when a community defined by segregation was largely self-reliant and confident of its own voice, full of expectation of new freedoms at home after many had fought abroad. The coming Civil Rights struggle would be chronicled in the pages of Ebony and sister magazine Jet, from the murder of Emmett Till to the assassination of Martin Luther King, who penned a regular column in Ebony. It would be the first magazine granted an in-depth interview by President Obama

Ebony has outlived the glossy photo magazines it was modelled on, Life and Time, and through its pages you can chart much of the epic story of struggle and achievement for Black America. But in an age where African American celebrity is now world celebrity what is Ebony's place in the world? Does it still speak to the many African Americans yet to experience the securities of middle class life let alone stellar celebrity? Gary Younge explores the story of Ebony and its founder and wonders where its future lies.

Readers: Ricky Fearon and Amaka Okafor
 Producer: Mark Burman

First broadcast on BBC Radio 4 in June 2013.

MON 16:30 Beyond Belief (b02mfzpq)

Celibacy

Beyond Belief debates the place of religion and faith in today's complex world. Ernie Rea is joined by a panel to discuss how religious beliefs and traditions affect our values and perspectives.

The role of celibacy differs cross-culturally among religious traditions, with some insisting on it and others prohibiting it. Obligatory celibacy for Catholic priests in the West was introduced in 1130, yet in other traditions, such as Islam, marriage for their spiritual leaders is positively encouraged and celibacy, whilst not forbidden, is seen as second class. Is celibacy an essential requirement for real closeness to God or not? And given that it's basis is essentially cultural rather than theological, should celibacy be optional across religions? Joining Ernie Rea to discuss celibacy across religions are Professor Carl Olsen, Prof of Religious Studies at Allegheny College, Pennsylvania, and Editor of the book, Celibacy and Religious Traditions; Dr Helen Costigane SHCJ, member of the Society of the Holy Child Jesus, who teaches Canon Law and Christian Ethics at Heythrop College, University of London, and Sheikh Michael Mumisa, Islamic scholar at the University of Cambridge.

MON 17:00 PM (b02mfzpg)

Coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b021myq0)

The latest national and international news from BBC Radio 4.

MON 18:30 Just a Minute (b02mfzq3)

Series 66

Episode 4

Nicholas Parsons hosts the vocabulary panel show from the BBC Radio Theatre with panellists; Graham Norton, Kevin Eldon, Pam Ayres and Paul Merton.

Producer: Katie Tyrrell.

MON 19:00 The Archers (b02mfzqn)

A Connecticut businessman called Tring has traced his family back to Ambridge. He's been in touch with Jennifer about the church organ after seeing the village website. Jennifer's hopeful for a donation and wonders if he's related to Zebedee.

Jennifer has car trouble, and phones roadside recovery. Jim stops to help and Jennifer reluctantly agrees to let him wait with her. His flattery soon breaks the ice, and he eventually sees her safely back home. Jennifer explains to a bemused Brian that you can't hold a grudge forever in a place the size of Ambridge.

Jolene tries to console Lilian, who can't bear to think of Paul dying alone. She worries that the stress of their relationship brought on his heart attack. Jolene points out it could have struck at any time, and reminds her of Sid. Lilian still can't believe she'll never see Paul again.

Jim tells Christine that a phone call from Glen while waiting with Jennifer led Jennifer to believe he regrets satirising Brian, even though he doesn't. The door is still open for him to write occasional articles in the future. He enjoyed his foray into journalism, in spite of its ups and downs and having to deal with the vacuous Glen.

MON 19:15 Front Row (b02mfzr0)

Judith Kerr; Admission; Mark Haddon

With Mark Lawson.

Author and illustrator Judith Kerr is best known for her much-loved children's books, which include The Tiger who Came to Tea and When Hitler Stole Pink Rabbit. In the week of her 90th birthday, she discusses her latest book, Judith Kerr's Creatures, which celebrates her life, family and work. She talks about the inspiration for her books and her family's remarkable story of escape from Nazi Germany.

Admission is a new comedy set at Princeton University. Tina Fey is an admissions officer who's approached by a teacher (Paul Rudd) trying to persuade her to accept his brilliant but troubled pupil. Critic and writer Elaine Showalter, who used to teach at Princeton, gives her verdict.

Dates, a new TV drama series, focuses on the uncomfortable, funny and complex situations arising when people meet for a first date. The series, created by Bryan Elsley, who also launched Skins, features a cast including Sheridan Smith, Will Mellor, Oona Chaplin and Gemma Chan. Writer and advice columnist Bel Mooney reviews.

In Cultural Exchange, in which creative minds share a cultural passion, novelist Mark Haddon nominates the Uffington White Horse, a giant prehistoric chalk figure on the Berkshire Downs.

Producer Olivia Skinner.

MON 19:45 15 Minute Drama (b02m7fze)

[Repeat of broadcast at 10:45 today]

MON 20:00 Little Moscow in Israel (b02mfzrj)

In Israel today, one sixth of the population is Russian. They are a nation within a nation and the second most powerful minority in the country. Many arrived as a result of the Soviet Union's perestroika, and as many as one-third of them may not even be Jewish.

In this programme - recorded in Tel Aviv, Jerusalem and Ashdod - writer and broadcaster Dennis Marks explores the life of the 1.2 million Israelis of Russian origin.

They brought with them Russian supermarkets and small businesses, vodka and pork sausages. As recent Israeli elections have proved, they have also transformed the country's political fabric, with their own political parties and leaders like the former dissident Natan Sharansky. Their contribution to education, technology and the arts plays alongside their enjoyment of a very lively night life.

Dennis Marks examines the consequences of this

transformation and the conflicts it has provoked. He hears how, in some schools and universities, Hebrew is giving way to the Russian language and the Cyrillic script.

He interviews businessmen, students, journalists and politicians, and the native-born Israeli sabras they live amongst. He visits clubs, social and family events, and witnesses the impact that Russian Israelis are having on the culture of their new home. He hears of Russian/Israeli weddings which rabbis have refused to solemnise, because the bride cannot prove that she has a Jewish mother. Above all, he learns how Russian Israelis are altering the social and ethnic balance of the nation.

Producer: Richard Bannerman
A Ladbroke production for BBC Radio 4.

MON 20:30 Analysis (b02mfzrw)
The Quantified Self: Can Life Be Measured?

Self knowledge through numbers is the motto of the "quantified self" movement. Calories consumed, energy expended, work done, places visited or how you feel. By recording the data of your daily life online, the life-loggers claim, you get to know who you really are.

So far this type of self-tracking is the obsession of a geeky minority. But through our smartphones and social networking sites more and more of us being drawn into this world by stealth. Frances Stonor Saunders asks what it means for our ideas about privacy and sense of self.

Producer: Fiona Leach.

MON 21:00 Material World (b02147xp)

Professor Elspeth Garman commemorates a century since the publication of an idea that made discovering protein structures possible: The Bragg Equation. She takes us from the Braggs' father-and-son discovery of x-ray crystallography and publication of the structure of table salt in 1913, to the cutting-edge work happening in her lab at Oxford University. Her team's past projects have included determining the structure of the N9 part of influenza viruses, which was used to develop antiviral drugs. She explains how this work and cryogenically cooling proteins to preserve them inside the Diamond Light Source synchrotron are where crystallography is heading.

How can we better understand and perhaps control the spread of drug-resistant HIV? Dr Katrina Lythgoe, an evolutionary epidemiologist from Imperial College London and L'Oreal-UNESCO For Women In Science fellow, recently published work in the journal Proceedings of the Royal Academy B that suggests HIV may evolve more slowly in a population of humans that it does in an individual person.

FameLab, started in the UK in 2005, and is now a world-leading science communication competition. To-date, more than 5000 young scientists and engineers from over 20 countries have participated so far. Lyubov Kostova, Public Communications Manager at the British Council in Bulgaria and Timandra Harkness - writer, performer and FameLab stalwart - discuss why the model is so successful.

Author Ann Cleeves's crime novel Shetland features a surprising character from real life: Dr James Grieve, a senior forensic pathologist at the University of Aberdeen. Ann and James discuss whether media portrayals of crime reflect the real-life people and real-life science involved.

The producers were Jen Whyntie and Ania Lichtarowicz.

MON 21:30 Start the Week (b02xb1s2)

Putin's Russia

On Start the Week Anne McElvoy talks to the Russian expert Fiona Hill about the many faces of Vladimir Putin, while Vladislav Zubok considers the impact of the past on the Russia of today. Oliver Bullough turns to drink to understand the soul of the nation and the historian Rachel Polonsky considers the cultural landscape of the post-Soviet era.

Producer: Katy Hickman.

MON 21:58 Weather (b021myq2)

The latest weather forecast.

MON 22:00 The World Tonight (b02mfzsl)

US surveillance programme: the latest;

China water shortages;

Is the Muslim community in fear of more attacks?

Why Swedish train drivers are wearing skirts.

With David Eades.

MON 22:45 Book at Bedtime (b02mfzt0)

A Commonplace Killing

Episode 1

Harriet Walter reads a dark and mysterious thriller by Sian Busby.

It's a summer's day in 1946 in North London. Lillian is facing the prospect of a two hour queue at Nag's Head for a small, stale loaf. Bread is about to go on the ration. Still, she applies her make up and makes sure her seams are straight; you'd never believe she was 43! She leaves her husband, Walter, lightly snoring in bed. It's not that she wanted him to have been killed when he was away during the war; it's more that she just hadn't wanted him to come back to her. Instead of looking forward, Lillian can't help but hanker for those war days when she 'did her bit' in a more unconventional way than was perhaps expected.

Divisional Detective inspector Cooper is enjoying his first break in weeks when he's called to a bomb site. A woman's body, probably that of a prostitute, has been found. That's all he needs; sex crimes are always difficult to solve. London is in the grip of a crime wave. The number of crimes committed on VE Day was more than double that on the same day in 1939, and the Met is short of thousands of men. Coupons and ration books and queuing for everything had made criminals of everyone. The war may be over but things are struggling to get better. Can things return to how they used to be, before the bombs and the filth?

The abridger is Lauris Morgan Griffiths.
Produced by Sarah Langan.

MON 23:00 Mastertapes (b02mfzt8)

Series 2

Richard Thompson (A-Side)

John Wilson continues with the second 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 3, A-side. "Rumor And Sigh" - Richard Thompson

Named by Rolling Stone Magazine as one of the Top 20 Guitarists of all time, Richard looks back at the making of what is not just his most commercially successful album, but also one of the high points of his career. It was album that earned him a Grammy Nomination for the Best Alternative Music Album (he lost out R.E.M.) and it captures Thompson's obsession with romantic despair and the more miserable quirks of fate. And yet, like all good tragedy, it does not sound depressing - it is instead life affirming.

Richard has said that the albums he considered "successful" were those where his initial concept most closely matched the finished product. By this yardstick, 'Rumor And Sigh' was one of his most successful albums, containing such tracks as "1952 Vincent Black Lightning", "God Loves A Drunk" and "Why Must I Plead".

Producer: Paul Kobrak.

MON 23:30 Today in Parliament (b02mfzqt)

Susan Hulme reports from Westminster.

TUESDAY 11 JUNE 2013

TUE 00:00 Midnight News (b021myqx)

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

TUE 00:30 Book of the Week (b02m2g5g)

[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b021myqz)

The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b021myr1)

BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b021myr3)

The latest shipping forecast.

TUE 05:30 News Briefing (b021myr5)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b02wgmnz)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

TUE 05:45 Farming Today (b02mqmmj)

A website campaigning against the badger cull has published the home addresses of MPs who voted in favour of it. Anna Hill asks whether it's fair, and hears from an MP who says she feels threatened by the move, and an activist who says it's justified.

Sugar beet farmers are still waiting for tests to reveal why so much of their crop failed this year. Farming Today hears how serious the problem still is for many growers.

Presented by Anna Hill. Produced by Datsiane Navanayagam.

TUE 05:58 Tweet of the Day (b020tp91)

Manx Shearwater

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

Miranda Krestovnikoff presents the Manx Shearwater. Around 90% of the world's Manx Shearwaters breed around our coasts, most on remote islands such as Skomer, Skokholm and Rum. The steep-sided mountains of Rum hold the largest colony in the world, and the grassy mountainsides are riddled in places with their nest burrows.

TUE 06:00 Today (b02mqmmz)

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

TUE 09:00 The Life Scientific (b02mqmnh)

Ewan Birney

Ewan Birney talks to Jim Al-Khalili about his work on deciphering the human genome and the race to come up with the right number of genes that make us human. Ewan explains why he started a sweepstake to get fellow scientists to estimate the final number and why numbers were wildly wrong. He explains his role in the recent controversy over claims about the demise of 'Junk' DNA. He also talks about artificial DNA and whether it could be the future for information storage? With a colleague, he has already used a small speck of artificial DNA to store Shakespeare's sonnets. In theory, all of the world's information could be held on DNA in a space the size of a small room. If kept cold, dry and dark, DNA lasts for thousands of years so could it be the archive medium of the future?

TUE 09:30 One to One (b02mqmp0)

Clive Myrie talks to Mike Nowak

BBC News presenter, Clive Myrie, presents the last of three interviews on immigration as seen from an immigrant's point of view.

As the son of Jamaican immigrants who came to the UK in the 1960s, Clive has a personal interest in this topic. Clive lived abroad as a foreign correspondent for almost 15 years, returning once or twice a year to see his family. After 2004 he noticed how much the UK was changing: the EU had expanded, Polish people were settling here in large numbers and the transformation came as a shock.

In the first programme he spoke to Alp Mehmet, Vice-Chair of Migration Watch. Then he met Sylvia Emenike who came to the UK from Jamaica in the 1950s and explored her experience of seeing other immigrant communities settling in the UK. In this, his third and final interview, he speaks to Mike Nowak, a Pole who lived for many years in Britain, but who has now returned home to Warsaw.

Mike came to England long before the 2004 enlargement of the European Union, so witnessed the increase in Polish immigration for himself. Suddenly he was able to speak in his mother-tongue all day, every day, and witnessed Polish shops and businesses starting up around him.

Recently he made the decision to return to Warsaw. Clive asks what changes Mike has seen back in Poland since he first left, and finds out where Polish opinion stands on further EU immigration.

TUE 09:45 Book of the Week (b02x5q32)

Charles Timoney - An Englishman Aboard

Episode 2

Charles Timoney is an English writer, with a French wife, living in France.

After showing a group of friends the rowing boat he has spent the last six months building, Charles - possibly unwisely - accepts a challenge to travel the entire length of the River Seine from source to the sea, using the boat where he can, to discover the true France.

But it proves rather more difficult than he imagined. Not all of the Seine is navigable by rowing boat, so he sets sail into an unvarnished France on a variety of craft, hitching lifts in everything from a converted Parisian tourist boat to a sailing boat with no mast. He even tries out an amphibious vehicle.

Along the way he encounters Stéphane (a carp fisherman with a very strange habit), grapples with rapids and stubborn cattle, rescues a couple when their sailing dinghy capsizes, and discovers that rowing in the dark is more frightening than he first thought.

Written by Charles Timoney
Abridged by Libby Spurrier

Reader: Mark Heap
Producer: Joanna Green

A Pier Production for BBC Radio 4.

TUE 10:00 Woman's Hour (b02mqmpj)

Kanya King: Life after the tsunami; Cervical cancer tests and screening; Bank notes

Sonali Deraniyagala lost her husband, children and parents in the 2004 Boxing Day Tsunami. She tells Jane about her life since that day and how she came to write her memoir, *Wave*. Kanya King talks to Sarah Jane Crawford about being the founder of the MOBO Awards. The number of women aged 60-64 who have a smear test is at a 15 year low. We discuss the reasons for this drop in numbers and what the implications are. And we hear about a cheap and simple test for cervical cancer that has cut the death rate from the disease in India by 31 per cent. Presented by Jane Garvey.

TUE 10:45 15 Minute Drama (b02mqmq6)

The Dogs and the Wolves

Episode 2

The Dogs And The Wolves ep2/5 by Irene Nemirovsky, translated by Sandra Smith dramatised by Ellen Dryden

Early 20c. We travel from the Jewish Pogroms of the Ukraine to Paris. Ada secretly loves a distant rich cousin, Harry Sinner. When both families move to Paris she doesn't catch sight of him again until several years later when she's a young woman. He's moving in elite French company whilst Ada is a poor seamstress. After a terrible row with her cruel Aunt Raissa, Ada runs away. Ben, Raissa's son, who is hard and cunning but loves Ada, offers her a solution.

TUE 11:00 Shared Planet (b02mqmqc)

The Problem of Population

Monty Don presents Shared Planet, the series that looks at the crunch point between human population and the natural world. In this programme Howard Stableford reports from Connecticut on the complex decline of the once very ubiquitous Chimney Swift, a story Monty Don believes is the paradigm for the series. The wider issues of human population and nature are explored in the studio with Lord May, past president of The Royal Society and from Vienna, Professor Wolfgang Lutz, a specialist in human population dynamics.

TUE 11:30 Tales from the Stave (b02mxyy1)

Series 9

Appalachian Spring

Frances Fyfield is back with a new series of Tales from the Stave which begins in the Library of Congress in Washington DC. The manuscript being examined is Aaron Copland's "Appalachian Spring" - written for the Martha Graham Dance company during the Second World War. The Ballet was first performed in the Library itself, and joining Frances is the current Martha Graham Company director of music Aaron Sherber, the former dancer and now Director of the Martha Graham center of Contemporary Dance Janet Eilber and the Library of Congress librarian Loras Schissel. As well as Copland's beautifully presented pencil-written

sketches and score, including the famous shaker tune 'A gift to be simple' there are also the letters written to Copland by Martha Graham in which she outlined her initial ideas about a ballet that has become an American classic. And while charting a close partnership between choreographer and composer, the score also reveals performance secrets such as the changes made to incorporate the desires of a guest performer - Rudolf Nureyev.

Producer: Tom Alban.

TUE 12:00 You and Yours (b02mxyyc)

Privacy v Security

The Foreign Secretary William Hague says that law abiding citizens have nothing to fear about the British state listening to their phone calls or monitoring their online communications. There is a strong legal framework in place to balance the privacy of the people and the security of the country, he says. He was speaking in response to allegations that America's National Security Agency has been covertly accessing information in an attempt to combat terrorism, and that security services in the UK have had access to that data.

But where should that balance lie? Do we have to accept an erosion of our right to privacy in order to protect us from terror and crime? And in a world where supermarkets and retailers hold vast amounts of information about us, which they say is used to give us a better service, does it really matter?

03700 100 444 is the number to call or you can e-mail youandyours@bbc.co.uk or text us on 84844

"I do not see what the fuss is about. I would be dismayed if the NSA and GCHQ were not doing such things" argues Philip Virgo, of Computer Weekly.

"Unwarranted government surveillance is an intrusion on basic human rights that threatens the very foundations of a democratic society," says Tim Berners-Lee, Inventor Of The World Wide Web.

Let us know what you think.

Producer: Joe Kent
Presenter: Julian Worricker.

TUE 12:57 Weather (b021myrs)

The latest weather forecast.

TUE 13:00 World at One (b02mxyyp)

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

TUE 13:45 1913: The Year Before (b02mxyyz)

Women's Rebellion

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything.

But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

The second programme in the series explores the depth and urgency of the campaign for women's votes. The limited postwar gift of women's suffrage has been read as a reward for the role women played in the war effort, with the pre-war years more celebrated for 'spectacular' and violent suffrage events. With the help of historian Elizabeth Crawford Michael reveals that the suffrage campaign was far more than a series of arson attacks, hunger strikes and the famous sacrifice of Emily Davison.

Producer: Tom Alban.

TUE 14:00 The Archers (b02mfzqn)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama (b018gzm8)

Charles Dickens - A Tale of Two Cities

The Substance and the Shadow

By Charles Dickens

Dramatised by Mike Walker

Episode 5/5 - The Substance and the Shadow

Sydney Carton is in Paris with Lucie and her father, determined to try and save Charles Darnay's life. An encounter in a Paris street with someone from the import-export trade may just provide the ghost of a chance.

Music by Lennert Busch

Directed by Jessica Dromgoole and Jeremy Mortimer.

TUE 15:00 Short Cuts (b02mxyzc)

Series 3

Split

Josie Long presents a series of delightful and adventurous short documentaries, brief encounters, true stories and found sound.

We examine rips in the fabric of the universe as Josie Long delves into stories of splits, divisions and tears. From broken hearts to divided personalities.

We hear from a woman who was so tired of being in two minds that she surrendered all of her decision making to a piece of string, a mimic who taught herself how to assume alternate personalities and we recover from heartbreak using the 'Automated Relationship Replacement Hotline'.

The items featured in the programme are:

Automated Relationship Replacement Hotline
Originally broadcast in WireTap
<http://www.cbc.ca/wiretap/>

String

Produced by Natalie Kestecher

The full version of this story can be found here: <http://www.abc.net.au/radionational/programs/360/string/4010328>

Split Voices

Produced by Sarah Cuddon

Other Halves

Produced by Dennis Funk

Produced by Eleanor McDowall

A Falling Tree production for BBC Radio 4.

TUE 15:30 Mastertapes (b02mxyzm)

Series 2

Richard Thompson (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 3, the B-side. Having discussed the making of "Rumor And Sigh", not just his most commercially successful album, but also a high point of his career (in the A-side of the programme, broadcast on Monday 10th June and available online), Richard Thompson responds to questions from the audience. He also performs live versions of some of the tracks from the album as well as classic tracks from his days with Fairport Convention.

Producer: Paul Kobrak.

TUE 16:00 Law in Action (b02mxyzt)

Lawyers in Revolt

Will the Ministry of Justice back down over cuts to legal aid? Radio 4's legal magazine follows the bitter dispute between the profession and the government.

This week, Maura McGowan QC of the Bar Council is in the studio with Joshua Rozenberg, making the lawyers' case. But is she right that the legal profession will be undermined? Lord McNally responds for the government.

Plus: what can Facebook or Instagram do with the pictures you upload? We continue our investigation into terms and conditions on the internet.

TUE 16:30 A Good Read (b02my4j7)

Vanessa Feltz & Elvis McGonagall

Presenter Vanessa Feltz and performance poet Elvis McGonagall argue passionately and hilariously with presenter Harriett Gilbert about the much-loved books they've all brought

along to recommend as Good Reads. Whether this is an apt description or not is the subject of some heated debate...

Vanessa's choice is a little-known novel for adults by AA Milne, creator of Winnie the Pooh. It's called *Two People* and it's an amusing study of the London literary scene and also the compromises involved in marriage.

Elvis McGonagall recommends the Whitbread Prize winning *Swing Hammer Swing!* by Jeff Torrington, a picaresque journey through Glasgow's Gorbals district in the 1960's.

Presenter Harriett Gilbert brings along a Spanish novel, *A Heart So White* by Javier Marias, translated by Margaret Jull Costa.

Producer Beth O'Dea.

TUE 17:00 PM (b02mykvh)

Full coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b021mysk)

The latest national and international news from BBC Radio 4.

TUE 18:30 The Castle (b01hxz3)

Series 4

The Only Way Is Ethics

Hi ye to The Castle, a rollicking sitcom set way back then, starring James Fleet ("The Vicar Of Dibley"), Neil Dudgeon ("Life Of Riley"), Martha Howe-Douglas ("Horrible Histories") & Ingrid Oliver ("Watson & Oliver")

Someone - or something - is hacking into peoples' private conversations and Master Henry could end up in jail. Meanwhile, Lady Anne has taken to nuzzling De Warenne's trusty War Horse.

Written by Kim Fuller & Paul Alexander
Music by Guy Jackson

Produced and directed by David Tyler.

TUE 19:00 The Archers (b02mykw5)

George asks Neil if guinea pigs have souls. Elona's preparing to leave. Neil walks by with Keira, who's staying with Tracy as Emma starts work for Peggy today. Darrell tells Elona he loves her, and asks if she's sure this is what she wants. It's hard, but there's no going back. After an emotional hug, Elona drives away.

Over a pint, Darrell laments his life. He's failed his family. Neil insists the girls will always need their dad but Darrell worries that he's got no work, so he'll have to leave Ambridge.

Neil has been busy applying for grants for the church organ, but so far to no avail.

Jim tells Clarrie that Christine's flower display will be all white. She tells Nic the bad news. Christine's using white lilies, the same as them. Identical displays would be a disaster. Nic suggests they introduce some colour into their idea for St Brigid but Clarrie's set against it. Nic thinks they need to know for certain what Christine's planning. Clarrie agrees. They need a mole. If they keep up with Christine's plans, they can vary their design, but still using all white flowers. They thought of their saint before Grange Spinney thought of theirs.

TUE 19:15 Front Row (b02q78p1)

Man of Steel; AL Kennedy; Rolando Villazon

With Mark Lawson.

Man of Steel, the latest Superman blockbuster, explores how Clark Kent (Henry Cavill) became a superhero. Amy Adams plays Daily Planet reporter Lois Lane and Michael Shannon is Superman's nemesis General Zod. Matt Thorne reviews.

In Cultural Exchange, in which creative minds share a cultural passion, writer A L Kennedy explains why she has chosen Hitler's SS: A Portrait Of Evil, a TV drama from 1985, starring Bill Nighy.

Mexican tenor Rolando Villazón discusses his love of Verdi's music, 200 years after the composer's birth. He explains when he first encountered it and the effect it had on him, the differences between singing on stage and in a recording studio - and why opera singers should try to stay as fit as athletes.

Producer Claire Bartleet.

TUE 19:45 15 Minute Drama (b02mqmq6)

[Repeat of broadcast at 10:45 today]

TUE 20:00 File on 4 (b02q78p4)

Grooming: A Life Sentence?

In the latest high profile grooming trial, 7 men from Oxford will be sentenced later this month for sexually exploiting and raping 6 schoolgirls. Police said the girls - some as young as 12 - were 'abused to the point of torture' for years. One girl was injected with heroin. Another was forced to have a backstreet abortion.

The police praised the young women for finding the strength to give evidence against the gang and protect other girls.

But, after the legal process ends, what support is there for victims?

After a string of such abuse cases around the country, Jane Deith finds there are many young women who say they've been let down by the authorities and are struggling, alone, with mental health problems and difficulties with education and housing.

More victims of grooming are being rescued. But does being sexually exploited as a child mean a life sentence?

Reporter: Jane Deith Producer: Sally Chesworth.

TUE 20:40 In Touch (b02q78p6)

Charities and blindness organisations claim that there is a book famine for blind and partially sighted people: they say only between 1% and 7% of books are made accessible for visually impaired readers. In the UK, the number is thought to be closer to 7%, but in developing countries, access to written material is much lower. We speak to Dan Pescod, who has been co-ordinating the World Blind Union's negotiations with the Intellectual Property Organisation a subsidiary of the United Nations, for an international copyright treaty for books for blind people. The final round of negotiations is due to begin in Marrakech this week. However, the World Blind Union (WBU) says that the UK government has asked to include a clause that would require charities, like the RNIB, to check the "commercial availability" of books in other countries, before allowing them to send books to those countries. The WBU claims this would make the treaty unworkable.

We also hear from a couple of visually impaired internet radio enthusiasts, about their hobby and the skills they have learned while pursuing it.

Finally, we speak to John Cooper, a man who is blind and has been a volunteer at the telephone help service The Samaritans for the past ten years.

TUE 21:00 All in the Mind (b02q78p9)

Bipolar abortion case; Wind farms; Children and war

The Case of the Bipolar Sufferer and her Legal Battle for an Abortion S.B. is a 37 year old woman with a diagnosis of bipolar disorder. She wanted a baby but when she was pregnant, became ill, and was sectioned under the Mental Health Act. She then said she couldn't cope with having a baby and began requesting an abortion. Her husband, her mother and the psychiatrists treating her argued that the termination shouldn't go ahead, because S.B. wasn't of "sound mind". Deborah Bowman, Professor of Bioethics, Clinical Ethics and Medical Law at St George's, University of London, discusses why this case, which went to the Court of Protection, is so important for people with mental health problems. The Complex Psychology Behind Wind Farm Opposition National polls consistently show that a majority of people support wind power in principle, but when it comes to local schemes, there's often vociferous opposition. NIMBYs often get the blame. They're portrayed as selfish individuals who say no, for purely self interested reasons. Claudia talks to Dr Chris Jones, social and environmental psychologist from the University of Sheffield, on the windy hills North of the City, about why opposition to wind farms is a complex matter and that the "Not In My Back Yards" can have valid and varied reasons for being turbine-rejectors. Syrian Children and the Mental Health Impact of War Hundreds of thousands of Syrian children have fled their country as the war there reaches new levels of brutality. All in the Mind has been following the efforts of one Syrian psychologist, Masa Al-kurdi, to provide targeted support for child refugees that specifically address the war trauma they have experienced. Her group of volunteers, the Arab Foundation for the Care of Victims of War and Torture, has been using interventions developed by the Children and War Foundation, specifically designed to teach coping strategies and techniques to as many children as possible. In Jordan, the courses are now in place and Claudia hears from Masa that thousands of children will have been through the courses by the end of 2013. Producer - Fiona Hill.

TUE 21:30 The Life Scientific (b02mqmnh)

[Repeat of broadcast at 09:00 today]

TUE 21:58 Weather (b021mytb)

The latest weather forecast.

TUE 22:00 The World Tonight (b02q78ph)

In-depth reporting and analysis from a global perspective.

TUE 22:45 Book at Bedtime (b02q78pm)

A Commonplace Killing

Episode 2

Harriet Walter reads Episode Two of a dark and mysterious thriller by Sian Busby. Detective Cooper doesn't relish the prospect of investigating the murder of a prostitute on a bomb site. In the middle of an unprecedented crime wave in that hot London summer of 1946, it seems like an awful lot of effort to put in for a commonplace killing. The only light relief in his life is the young Policewoman Tring from the A4 Women's branch who has been assigned as his driver.

Lillian Frobisher, meanwhile, is dreaming of escape from a life of chamber pots and ration books.

When her husband Walter had come back from the war, they'd agreed to give things a go for the sake of their son Douglas, but Lillian is growing increasingly resentful and irritated by him. She's still a good looking woman, despite her age, and she spends time on her appearance. She was a woman who had enjoyed herself during the war, and she can't help but long for the days before Walter returned to her.

A Commonplace Killing by Sian Busby, abridged by Lauris Morgan Griffiths.
Producer: Sarah Langan.

TUE 23:00 Little Monster (b02q78pq)

Little Monster follows the fortunes of new mother Karen (Sarah Hadland) as she struggles to get to grips with her little monster. No really, he is literally a monster. Or should that be she is.? Or even it is..? To be honest it's all a bit of a jumble, but they're opted for the name Benjy for now.

Like all babies, Benjy (Cariad Lloyd) keeps growing. Horns mainly. Scales. Fangs. Tail. Karen never quite knows what's going to greet her when she unbolts the reinforced door of his nursery and turns the padlock on his cot.

Not that he's dangerous, of course. Just very excitable. And strong. And surprisingly advanced for his tender age. While most babies lie in their cots looking sweet, Benjy is soon galumphing around the house and bringing in the remains of next door's chickens. And though he may be a monster, he's still Karen's monster. She loves him and she always will, no matter what he puts her through. And he's sometimes very well-behaved, especially when his Dad, Nick (Rufus Jones) or Grandma (Geraldine James) are around.

While Karen has to cope with one very real monster, she also has to deal with her own 'monsters' - the monsters of guilt, envy and low self-esteem that gnaw away at her from the inside. She wants to be the best mother in the world and just ends up behaving like the worst.

Written by Gerard Foster (At Home With The Snails, Horrible Histories) this is a darkly comic look at modern parenthood, set in our child-obsessed world of big buggies and Little Einsteins.

In this pilot episode, Nick and Karen have planned their first night away since Benjy was born. But is it worth the trouble - and will they actually have the courage to leave him?

CREDITS

Karen - Sarah Hadland
Nick - Rufus Jones
Benjy - Cariad Lloyd
Val - Geraldine James
Sammy - Bridget Christie
Nina / Receptionist - Hannah Wood
Security Guard - Gerard Foster

Written by Gerard Foster.

Produced by Ed Morrish

TUE 23:30 Today in Parliament (b02q78pv)

GCSE exams are to be made more challenging, more ambitious and more rigorous. Sean Curran reports on the Education Secretary's statement to the Commons and the reaction of MPs. Also on the programme:
* Rebecca Keating covers the political row over attempts to change the ratio of children to carers in pre-school play groups.
* Simon Jones follows a committee session where lawyers speak out about the changes to criminal legal aid.
* How should we commemorate the hundredth anniversary of the outbreak of the First World War in 1914? Kristina Cooper

reports on a debate in Westminster Hall.

WEDNESDAY 12 JUNE 2013

WED 00:00 Midnight News (b021myzv)

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

WED 00:30 Book of the Week (b02x5q32)

[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b021mz02)

The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes (b021mz07)

BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b021mz0h)

The latest shipping forecast.

WED 05:30 News Briefing (b021mz0n)

The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b02xb34c)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

WED 05:45 Farming Today (b02qd1qb)

There's been a rush of prospective tenants for six council farms in Norfolk. The council has received more than a hundred applications from 60 different would-be tenants, for four farms and two areas of land. And it's the same story elsewhere in the country. Demand has never been higher for farm tenancies. Anna Hill finds out why.

And the price of salmon is going up, as fish stocks in Norway become the latest casualty of the recent unseasonably cold weather.

Presented by Anna Hill. Produced by Emma Campbell.

WED 05:58 Tweet of the Day (b020tpmn)

Quail

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

Miranda Krestovnikoff presents the Quail. Quails are summer visitors in varying numbers to the UK, mainly from southern Europe and Africa - and sudden arrivals of migrating flocks in the Mediterranean countries were once more common than they are nowadays.

WED 06:00 Today (b02qd1qm)

Morning news and current affairs with James Naughtie and John Humphrys, including:

0751

The rail regulator wants Network Rail to run its next five year plan for £2bn less than the £23bn it proposed, and for trains operating companies to have to adhere to stricter on-time targets. The BBC's transport correspondent Richard Westcott reports and Anna Walker, who chairs the Office of Rail Regulation, and Anthony Smith, chief executive of Passenger Focus, discuss whether the cuts are feasible.

0810

Turkish riot police clashed with anti-government protesters in Istanbul late into the night, as the authorities tried to retake control of the square which has been at the heart of two weeks of demonstrations. The BBC's Middle East editor Jeremy Bowen, Safak Pavey, a member of the Turkish Grand National Assembly, and Abdul Karagoz examine what will happen next and the action that the government will take.

0820

One of Radio 4's best-loved newsreaders, Rory Morrison, has died at the age of 48. The Today programme reflects on Rory's career.

WED 09:00 Midweek (b02qd1qw)

Ruby Wax, Wendy Law-Yone, Marcus du Sautoy, Ian Martin

Mariella Frostrup meets Ruby Wax; mathematician Marcus du Sautoy; writer Wendy Law-Yone and Ian Martin of the D'Oyly Carte Opera Company.

Marcus du Sautoy is the Charles Simonyi Professor for the Public Understanding of Science and a Professor of Mathematics at the University of Oxford. He presents a new series on BBC4, Precision: The Measure of All Things, which explores the history of numerical exactness in our world and how precision has come to rule our lives. Precision: The Measure of All Things is on BBC4 at 9pm.

Ruby Wax is a comedian, actress and mental health campaigner.

In her book, Sane New World: Taming the Mind, she demonstrates how our minds can send us mad and how we can rewire our thinking to cope with a frenetic world. Sane New World: Taming the Mind is published by Hodder & Stoughton.

Author Wendy Law-Yone was born and brought up in Burma before fleeing the country at the age of twenty. Her book Golden Parasol: A Daughter's Memoir Of Burma tells the story of her father, the proprietor of The Nation newspaper, who spent five years as a political prisoner. Golden Parasol: A Daughter's Memoir of Burma is published by Chatto & Windus.

Ian Martin is general manager of the D'Oyly Carte Opera Company. D'Oyly Carte has returned to the stage after lack of funds forced it to stop performances in 2003. Following a rebate from the taxman, the company has made its triumphant return with Gilbert and Sullivan's operetta, The Pirates of Penzance. The show, produced in association with Scottish Opera, is on tour.

Producer: Paula McGinley.

WED 09:45 Book of the Week (b02x5q7j)

Charles Timoney - An Englishman Aboard

Episode 3

Charles Timoney is an English writer, with a French wife, living in France.

After showing a group of friends the rowing boat he has spent the last six months building, Charles - possibly unwisely - accepts a challenge to travel the entire length of the River Seine from source to the sea, using the boat where he can, to discover the true France.

But it proves rather more difficult than he imagined. Not all of the Seine is navigable by rowing boat, so he sets sail into an unvarnished France on a variety of craft, hitching lifts in everything from a converted Parisian tourist boat to a sailing boat with no mast. He even tries out an amphibious vehicle.

Along the way he encounters Stéphane (a carp fisherman with a very strange habit), grapples with rapids and stubborn cattle, rescues a couple when their sailing dinghy capsizes, and discovers that rowing in the dark is more frightening than he first thought.

Written by Charles Timoney
Abridged by Libby Spurrier

Reader: Mark Heap
Producer: Joanna Green

A Pier Production for BBC Radio 4.

WED 10:00 Woman's Hour (b02qd1rb)

Relationship education; Sophie Turner Laing

Yesterday MPs voted against amending the teaching of sex education to include relationships and sexual consent. Labour Shadow MP Stella Creasy joins Jenni Murray to talk about why she is disappointed at the defeat to the Children and Families Bill amendment. Sophie Turner Laing on the stellar TV career that led to her place in the Woman's Hour Power List. Why your home may not be private if it contains teenagers, smart phones and access to the internet. What Othello reveals about women, fidelity and equality. The history of women in the workplace in the 20th century.

WED 10:45 15 Minute Drama (b02qd1rq)

The Dogs and the Wolves

Episode 3

The Dogs And The Wolves by Irene Nemirovsky, translated by Sandra Smith
Dramatised by Ellen Dryden
Ep3/5

Paris, 1920's. Ada buys Harry a rare book she's seen him admire in a bookshop and sends it anonymously to his house. Ben is working long hours and Ada has started painting full time. She paints two small pictures of scenes from her childhood in the Ukraine and has them displayed in the bookshop.
Harry, now married for three years, sees the paintings, and

becomes enchanted with them.

Produced and directed by Pauline Harris.

WED 11:00 London's Oldest Prison: A History of Criminal Justice (b02x5grv)

Engine of Terror

Through the prism of HMP Brixton, BBC Radio 4 traces changing attitudes to crime and punishment during 19th century industrialisation, urbanisation, and national debate about how prisons should be run, who should run them and whether they exist to punish, deter or reform.

Ever since it opened in 1819, Brixton prison has stood at the vanguard of debate around crime and punishment. Before Brixton, the most common punishments for minor criminals had been held in public - such as the pillory and the stocks. But changing sensibilities meant the days of such spectacles were numbered. When Brixton opened, prisons were emerging as the central focus in the struggle against crime.

In the first of two programmes, Jerry White, Professor of History at the University of London, uses rarely-seen documents to chart the early history of Brixton. With the help of current prisoners and staff he discovers how Brixton's response to public concerns about the rising level of crime was to introduce the treadmill.

It was a new means of punishment where inmates trod giant wheels which were connected to millstones; the flour would be used to make their daily bread. Brixton made the treadmill famous and, within two decades, half the prisons in the country would have one. Some called it an 'engine of terror' - we hear the testimonies of those made to suffer its rigours, read out by current prisoners.

Jerry also finds out about efforts to improve the conduct of nineteenth century prison staff, who had a reputation for corruption, violence and drunkenness. And he reveals how - as the middle of the century approached - massive overcrowding and staff brutality led to Brixton's temporary closure.

Producer: Chris Impey
A PRA production for BBC Radio 4.

WED 11:30 House on Fire (b02qd1sc)

Series 3

Kosher

A new series with Matt and Vicky, the two flatmates who love to hate to love each other - with the usual mixture of somewhat hapless situations brought about by their inability to live in the real world, or indeed with each other.

They are aided and abused as ever by their less than loving parents, who can always be relied upon to wash their hands of any responsibility.

After watching Fiddler on the Roof for the first time, Matt decides to convert to Judaism. As the house goes kosher, Vicky takes evasive action.

With Special Guest, Henry Goodman, as Rabbi Schulman.

Written by Dan Hine and Chris Sussman
Produced and Directed by Clive Brill
A Pacificus production for BBC Radio 4.

WED 12:00 You and Yours (b02qd1ss)

Consumer bill, estate agent jargon, the rise of Wetherspoons

The first consumer rights bill for three decades will be published tomorrow; how will it help consumers from being short changed, ripped off and confounded by companies, organisations or traders? Why do estate agents use such excruciating jargon to sell homes? The rail network in Britain has been declared the most improved in Europe but the industry must still improve and deliver better value for money in the next five years warns the industry regulator. How many of the extras in a hotel do you actually use; if they weren't there and it cost you less would you prefer it? A new chain of budget hotels hopes so; they are offering the ultimate in stripped down hospitality at rock bottom prices. The pub industry has taken a battering in the last decade but through all the smoking bans, cheap supermarket booze and recessions, one chain has carried on growing and growing. Wetherspoon's chairman Tim Martin tells how he's built a pub estate with more outlets than Asda in some of the toughest trading conditions in living memory.

WED 12:57 Weather (b021mz1g)

The latest weather forecast.

WED 13:00 World at One (b02qd1t4)

Record numbers of people are in employment, including a million aged over 65, but wages are rising slower than inflation. Martha Kearney debates the state of the economy.

WED 13:45 1913: The Year Before (b02qd1tp)

The Irish Question

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything.

But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

In the third programme Michael tackles the familiar idea of the Irish uprising being a story with its origins in Dublin's Easter rising of 1916. In fact, in the pre-war years, the all-consuming concentration of politicians, the military and believers in the importance of the British Empire, was Ulster. The historian William Blair helps explain the scale of animosity and the vivid fear of civil war being launched from Belfast.

Producer: Tom Alban.

WED 14:00 The Archers (b02mykw5)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Behind Closed Doors (b02qd1vc)

Behind Closed Doors: Series 1

One of the Lads

Did sexist bullying drive a high flying police woman out of her job? An employment tribunal has to decide if she was treated unfairly. Claire Rushbrook stars as barrister Rebecca Nyman and Susie Riddell as former Chief Inspector Suzy Andrews.

One Of The Lads is set at an employment tribunal. Suzy, ferociously bright and driven, rose rapidly through the ranks in the male-dominated Metropolitan Police. Over the years she didn't just cope with the situation - she thrived on it. But after a move to East Yorkshire Police her career went into a downward spiral. Suzy claims sexist bullying drove her out of the job she loved. Claire Rushbrook stars as London barrister Rebecca Nyman fighting Susie's case at the Employment Tribunal. Susie Riddell stars as former Chief Inspector Suzy Andrews.

BEHIND CLOSED DOORS:

One of the Lads

By CLARA GLYNN

Other parts played by members of the cast.

Producer/director: David Ian Neville.

WED 15:00 Money Box Live (b02qd1vm)

Power of Attorney

Need to set up a Power of Attorney or having trouble using one? Call 03700 100 444 from **1pm** to **3.30pm** on Wednesday or email moneybox@bbc.co.uk. Paul Lewis and a panel of experts will be ready to help.

If you're concerned that you're losing the ability to look after your financial or personal welfare, you might want to consider asking a trusted relative or friend to manage your affairs for you, by setting up a Power of Attorney.

You may have questions about the different types of Power of Attorney, the application process or when and how to active one.

How many people should you appoint and is it best if they make decisions separately or together?

Can you write a statement of preferences and restrictions or give guidance about how you want your attorney(s) to act?

What are the rules about payments and expenses for attorneys?

If you are acting as an attorney tell us about your experiences. Do you fully understand your responsibilities and is the process working well? If you run into difficulties why not ask our panel for advice.

To answer your questions, presenter Paul Lewis will be joined

by:

Caroline Bielanska, Solicitors for the Elderly
Alan Eccles, Public Guardian England and Wales
Sandra McDonald, Public Guardian for Scotland

Call 03700 100 444 between **1pm** and **3.30pm** on Wednesday. Calls cost the same as 01 and 02 numbers, calls from mobiles may be higher. Or e-mail moneybox@bbc.co.uk now.

Presenter: Paul Lewis

Producer: Diane Richardson.

WED 15:30 All in the Mind (b02q78p9)

[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b02qd1vy)

Scottish nationalism and identity; Austerity

Does Austerity Kill? Laurie Taylor talks to political economist, David Stuckler, about the human costs of the financial crisis as documented in his book 'The Body Economic' (co-authored with Sanju Basu) -the culmination of ten years research. They're joined by David Smith, Economics Editor of the Sunday Times.

We're well aware of the extreme costs of banking crisis in terms of the wealth of nations, but much less idea of how they affect one of the most central issues of all: our physical and mental health. Why has health in Iceland actually got better whilst it's deteriorated in Greece? From the Great Depression of the 1930s to post communist Russia and the US foreclosure scandal, Dr Stuckler study examines the surprising, seemingly contradictory nature of economic disasters' role in public health. They are joined by David Smith Economic Editor of the Sunday Times.

Also, Nasar Meer discusses his study into ethnic minority Scots' relationship to Scottish Nationalism and identity

Producer: Jayne Egerton.

WED 16:30 The Media Show (b02qd1w8)

Closure of 'Greek BBC'

In today's programme with Emma Barnett:

We hear from Greece about the sudden closure of the public service broadcaster, ERT, which was taken off air last night. Anita Paschalidou speaks to Emma from her desk in the newsroom where, as editor on duty, she is trying to keep the ERT news website going; from Switzerland, Ingrid Deltene, director general of the European Broadcasting Union, relays the talks she's been having to try to get ERT back on air; and, in Athens, freelance journalist Maria Kagkelidou explains the role ERT has in Greece and gives an update on changes during the day.

Margaret Hodge MP, chair of the Public Accounts Committee, is looking into the BBC's loss of £100m over a technology project - she explains why she wants the BBC's former DG Mark Thompson to return to the UK to answer questions. George Bevir, technology editor at Broadcast magazine, first explains what the DMI project was meant to achieve.

And music industry analyst Mark Mulligan takes a look at Apple's new iTunes Radio and suggests it could challenge commercial radio in the UK; Tony Moorey, Absolute Radio's director of content, responds.

Presenter: Emma Barnett

Producer: Simon Tillotson

Editor: Andy Smith

Steve Hewlett returns to the programme next week.

WED 17:00 PM (b02qd1wm)

Coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b021mz25)

The latest national and international news from BBC Radio 4.

WED 18:30 Sketchorama (b01sdcvs)

Series 2

Episode 3

Thom Tuck presents the pick of the new sketch groups currently performing live on the UK comedy circuit - with character, improv, broken and musical sketch comedy.

In this third episode of the second series:

McNEILL & PAMPHILON

Double act Steve McNeill and Sam Pamphilon have been performing their comedy socks off since 2009 and have won rave reviews for their three Fringe runs. They have become a regular fixture on the sketch circuit, have written for several other BBC projects and now have their own BBC sitcom script in development. They both appeared on BBC 1 in Richard Hammond's Secret Service.

BARBERSHOPERA

Six years ago, Rob Castell and Tom Sadler came up with the idea to form a comedy musical quartet - and Barbershopera was born. Since then, the group has gone from strength to strength, winning a total of six Musical Theatre Matters awards over four years at the Edinburgh Festival, performing in London's West End two years running, and entertaining audiences around the UK on three successive tours.

WITTANK

Sketchateers Mark Cooper-Jones, Kieran Boyd and Naz Osmanoglu came together after achieving notable success as stand-ups on the circuit. Along with appearances on BBC3's Live at the Electric, the boys are in the middle of a sell-out tour and host a London residency at The Courtyard Theatre in Shoreditch every month.

Producer: Gus Beattie

A Comedy Unit production for BBC Radio 4.

WED 19:00 The Archers (b02qm2rr)

Ed's irritated when Jazzer says he's got them some shearing work. Jazzer should have run it by him first. He's even crosser when Jazzer lets slip that they've got to find their own catcher.

Jazzer asks Jamie if he's interested, but when he mentions he won't be paid, Jamie tells him to forget it. Later Jamie tells puzzled Ed to sort out his employment practice before offering jobs to people.

Emma's not impressed by George's praying. Nic should have asked her before taking him to church. When Ed says it's just a phase, Emma complains that Nic did it to show her up, like her joining the WI. Ed suggests she does something about it and later Emma asks Clarrie if she can help with the church flower arranging on Friday. Clarrie's pleased but says Nic is doing it too.

When Clarrie asks Jazzer to get some inside information on Christine's Virgin Mary flower arrangement, Jazzer suggests discussing it over lunch at Clarrie's. Later Jazzer surreptitiously rings Clarrie from Christine's. He's managed to get invited to tea. But he's thrown when Christine says she's keeping details of her floral arrangement firmly under her hat.

WED 19:15 Front Row (b02qm2ry)

The Amen Corner; Much Ado About Nothing; Peter James; Stephen Hough

With Mark Lawson.

James Baldwin's play, The Amen Corner, tells the story of Margaret, the uncompromising pastor of a Harlem church, who has to face a secret from her past. Marianne Jean-Baptiste stars in a new National Theatre production, featuring a gospel choir. Writer and critic Bidisha gives her verdict.

Best-selling crime writer Peter James discusses his latest book Dead Man's Time, the ninth novel in the Roy Grace Series, and reveals the high-profile real-life inspiration for his character Amis Smallbone.

For Cultural Exchange, concert pianist Stephen Hough chooses a song called The Hurdy Gurdy Man by Franz Schubert, from his 1828 song cycle Die Winterreise.

After directing the blockbuster Avengers Assemble, Joss Whedon now releases a very different film: a modern-day version of Shakespeare's Much Ado About Nothing, shot in his own home, in black and white, and featuring a cast of his friends - most of whom appeared in his various cult TV series. Larushka Ivan-Zadeh reviews.

Producer Nicki Paxman.

WED 19:45 15 Minute Drama (b02qd1rq)

[Repeat of broadcast at 10:45 today]

WED 20:00 Unreliable Evidence (b02qm2s1)

Spying and Surveillance

Clive Anderson and guests explore the extent to which the law protects our right to privacy in the face of increasing use of covert surveillance by MI5, police, local authorities and other public bodies and commercial organisations.

Clive's guests, all with wide knowledge of the world of spying and surveillance, warn that the threat to our privacy comes not just from Big Brother, but also from Little Brother and Big Brother PLC. And they argue that the law controlling surveillance is largely inadequate and widely misinterpreted.

Barrister Eric Metcalfe says a very wide range of bodies have the power to spy on us - from intercepting telephone calls, emails or letters, to carrying out covert surveillance in private premises and public places or accessing electronic data and private passwords. Some of these powers are utilised by local authorities to combat such crimes as allowing pets to foul footpaths, fly-tipping and breaches of the smoking ban.

Eric Metcalfe says only a tiny percentage of the millions of applications made for surveillance warrants in the past ten years have been subject to any kind of judicial oversight.

The programme also considers the possible revival of Government's proposals for what has been condemned as a "snoopers' charter" - legislation which would make it possible to track everyone's email, internet and mobile text use.

Produced by Brian King
An Above The Title production for BBC Radio 4.

WED 20:45 Four Thought (b02qm2s7)
Series 4

Dick Moore

Dick Moore calls for urgent action to tackle the problems of adolescent mental health. Driven by personal experience, he sees a growing need for society to provide young people with more emotional support.

Four Thought is a series of talks which combine new ideas and personal stories. Speakers explain their latest thinking on the trends and ideas in culture and society in front of a live audience.

WED 21:00 Frontiers (b02qm2sb)
Build Me a Brain

When President Obama recently complained, that although "we can identify galaxies light years away, study particles smaller than an atom ... we still haven't unlocked the mystery of the three pounds of matter that sits between our ears" - he called on scientists to unravel the trillions of neural connections inside our brains that make our minds work.

Some researchers are already doing that - trying to understand the brain by starting to build one. At Reading University, at the newly constructed Brain Embodiment Laboratory, researchers plan to connect cultures of living human neurons to robots to give meaning to their neural activity. At Georgia Tech, Atlanta, neuroengineer Steve Potter agrees that cultured neurons not connected to the outside world suffer sensory deprivation. His neural arrays descend into spasms of epileptic activity when left alone. When plugged in, they can control machines across the planet.

"I believe these cultures are half-way to having a mind," says Potter.
"Wired up to listen to their own outputs, they could be self aware."

Other researchers are building brains from inanimate materials - using tendrils of silver, silicon and sulphur that spring into life like activity when wired up to electricity. At Stanford University, plans are afoot to meld them with living neurons - perhaps to enhance our thought processes.

These devices can learn, remember and process information - but do they think? Can these scientists really build a brain? And what would it tell us about ours if they could?

WED 21:30 Midweek (b02qd1qw)
[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b021mz2v)
The latest weather forecast.

WED 22:00 The World Tonight (b02qm2sn)

RBS chief executive Stephen Hester stepping down ahead of privatisation. Turkey's ruling party proposes Istanbul referendum on future of park, which has sparked nationwide protests. Former NATO Secretary General warns against arming Syrian rebels. Presented by Carolyn Quinn.

WED 22:45 Book at Bedtime (b02qm2sx)
A Commonplace Killing

Episode 3

Harriet Walter reads Episode Three of a dark and mysterious thriller by Sian Busby, set in the North London summer of 1946. The victory party is well and truly over.

DDI Cooper suspects that he probably has more chance of marrying Ingrid Bergman than resolving a random sex murder on a bomb site. But there are a few odd things about this seemingly 'commonplace killing' that strike him as unusual. For one, the victim's appearance; un-darned nylons and a neatly laundered blouse - certainly not the usual garb of a prostitute. But also, where was the handbag? Every London woman had caught the Blitz habit of keeping your handbag close to you at all times.

Lillian Frobisher is an attractive mother of 43. She makes an effort to ensure she looks good whilst avoiding being seen as the sort of woman whom men regard as a 'possible.' Dreaming of a nice new life in Muswell Hill where she meets gentlemen for cocktails is the only way she can cope with the greyness of her existence.

The war has left its mark on everyone, including a young man called Dennis who can't escape a recurring dream of flying through the air - to his mind, this was an odd dream for a sailor. He's got a nice little number going involving stolen suitcases which enables him to buy under the counter cigarettes and to dress well, and he can always barter and exchange what he doesn't want with any number of fences or spivs. The war has made criminals of everyone.

A Commonplace Killing by Sian Busby is abridged by Lauris Morgan Griffiths. The producer is Sarah Langan.

WED 23:00 Living with Mother (b01nl8gw)
Series 2

Star Turn

Living with Mother returns for a second series with further tales about sons who have never flown the nest.

Marlon is going to enter Britain's Got Talent, but his amateur Bontempist mother Helen is against it for good reason.

Marlon simply can't sing, but his dogged determination means he cannot back down and he convinces his mother to accompany him on the Bontempi. Poor Helen is in a quandary and feels she should tell her son that he can't sing but, true to form, he ignores any advice given.

Will Helen have the courage to put a stop to her son being humiliated or will she get a taste for fame herself?

Writing about the first series of Living with Mother, Radio Times described it as "Alexander Kirk's astutely-observed comedy series...underpinning each of these tales is a bittersweet poignancy, a moment when the easy laughs are replaced with a lip-trembling insight into the vulnerability, lack of self-confidence and interdependency".

Written by Alexander Kirk

Producer: Anna Madley
An Avalon production for BBC Radio 4.

WED 23:15 Dreaming the City (b0214801)
The Fox Wife

Four journeys into the dark, recurring dreams of the city. In each episode, leading writers collaborate with documentary-makers Russell Finch and Francesca Panetta to uncover the unsaid obsessions of city life.

Episode 2: The Fox-Wife by Sam Thompson
In Oxford, we follow a man whose wife has turned into a fox.

These experimental radio features blend archive, fiction and documentary footage. What's real and what's fiction becomes unclear, just like in the city.

A city isn't just a location on the map, it's a place we imagine, dream about, invent. A place to love, to endure or to resent. A place where you can find anything - but it always has a price.

You don't need to live in a city - it's part of the universal imagination. But the way we think of it has common dark undertones, recurring dreams that come round again and again. These late night woozy dreamscapes uncover those unsaid obsessions, each taking a different theme, and question why these ideas seem to keep coming back in the way we imagine urban living.

Producers: Russell Finch and Francesca Panetta
A Somethin' Else production for BBC Radio 4.

WED 23:30 Today in Parliament (b02qm21b)

David Cameron defends the Government's "good record" on jobs as Labour accuses him of ignoring a cost-of-living crisis facing families.

The Health Secretary announces that controversial plans to overhaul children's heart surgery in England have been suspended as the proposals were based on a "flawed analysis". The Green MP, Caroline Lucas, wears a T-shirt displaying the slogan "No More Page Three" during a Commons debate on sexism.

And MPs call for action from ministers to prevent children from accessing online pornography.
Susan Hulme and team report on today's events in Parliament.

THURSDAY 13 JUNE 2013

THU 00:00 Midnight News (b021mz7g)

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

THU 00:30 Book of the Week (b02x5q7j)

[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b021mz7j)

The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b021mz7l)

BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b021mz7n)

The latest shipping forecast.

THU 05:30 News Briefing (b021mz7q)

The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b02wqh2p)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

THU 05:45 Farming Today (b02qncq3)

After a bad start to the year, and a poor 2012 harvest, Charlotte Smith joins thousands of arable farmers at 'Cereals 2013' in Lincolnshire to assess prospects
Amongst the combine harvesters and the trial crops the hot topics of conversation are bees, pesticides and GM crops.

produced by Emma Weatherill.

THU 05:58 Tweet of the Day (b020tpqv)

Arctic Tern

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

Miranda Krestovnikoff presents the Arctic Tern. Arctic terns are superlative birds. They're best known for seeing more daylight than any other bird as they migrate between the Antarctic seas, where they spend our winter, and their breeding grounds in northern Europe - a staggering round trip of over 70 thousand kilometres.

THU 06:00 Today (b02qncqb)

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

THU 09:00 In Our Time (b02qncqn)

Prophecy

Melvyn Bragg and his guests discuss the meaning and significance of prophecy in the Abrahamic religions. Prophets, those with the ability to convey divinely-inspired revelation, are significant figures in the Hebrew Bible and later became important not just to Judaism but also to Christianity and Islam. Although these three religions share many of the same prophets,

their interpretation of the nature of prophecy often differs.

With:

Mona Siddiqui
Professor of Islamic and Interreligious Studies at the University of Edinburgh

Justin Meggitt
University Senior Lecturer in the Study of Religion and the Origins of Christianity at the University of Cambridge

Jonathan Stökl
Post-Doctoral Researcher at Leiden University.

Producer: Thomas Morris.

THU 09:45 Book of the Week (b02x5qd5)
Charles Timoney - An Englishman Aboard

Episode 4

Charles Timoney is an English writer, with a French wife, living in France.

After showing a group of friends the rowing boat he has spent the last six months building, Charles - possibly unwisely - accepts a challenge to travel the entire length of the River Seine from source to the sea, using the boat where he can, to discover the true France.

But it proves rather more difficult than he imagined. Not all of the Seine is navigable by rowing boat, so he sets sail into an unvarnished France on a variety of craft, hitching lifts in everything from a converted Parisian tourist boat to a sailing boat with no mast. He even tries out an amphibious vehicle.

Along the way he encounters Stéphane (a carp fisherman with a very strange habit), grapples with rapids and stubborn cattle, rescues a couple when their sailing dinghy capsizes, and discovers that rowing in the dark is more frightening than he first thought.

Written by Charles Timoney
Abridged by Libby Spurrier

Reader: Mark Heap
Producer: Joanna Green

A Pier Production for BBC Radio 4.

THU 10:00 Woman's Hour (b02qncqz)
Debbie Harry

At 67 and still performing, Debbie Harry on the enduring appeal of her iconic music, being a woman in the male-dominated 70s New York punk scene and the music industry today. Plus how it feels growing older as a woman so idolised and celebrated for her looks. The controversy over part time female GPs continues. Are they a burden on the NHS? We speak to the Health Minister Anna Soubry about why she's been drawn in to the argument. How's the UK fared in the first ever EU Gender Equality Index? Is it time to introduce quotas? Plus author Philippa Gregory and historian Helen Castor discuss the White Queen set in 1464 against the backdrop of the Wars of the Roses, just who were the women caught up in the conflict for the throne.

Guests on the programme included...

Debbie Harry - Musician.

Anna Soubry, Minister, Parliamentary Under Secretary of State at the Department of Health

Dr Fiona Cornish, President of the Medical Women's Federation

Anne Laure Humbert, Gender Expert, European Institute for Gender Equality

Marina Yannakoudakis Conservative MEP for London and a member of Women's Rights and Gender Equality Committee.

Mary Honeyball, Labour MEP for London and a member of Women's Rights and Gender Equality Committee.

Philippa Gregory - Author

Helen Castor - Historian.

THU 10:45 15 Minute Drama (b02qncrc)
The Dogs and the Wolves

Episode 4

The Dogs and The Wolves by Irene Nemirovsky, translated by Sandra Smith
dramatised by Ellen Dryden

Ep 4/5

Ada and Harry begin an affair. Ben has been working for Harry's uncles for some time making deals for the bank. But when he discovers their affair there is a furious row and Ben runs out and disappears.

Harry's relationship with Laurence has deteriorated, she also

knows about the affair, and divorce proceedings are about to begin. At last Ada and Harry can be together.

Produced and directed by Pauline Harris.

THU 11:00 From Our Own Correspondent (b02qncrl)
God Bless Hungary!

Hungarians fight the floods! This collection of despatches from radio correspondents includes Nick Thorpe in Budapest on how people buried their differences and worked together to save their capital from an overflowing River Danube. Bethany Bell says they're picking cherries in the Golan Heights as the Syrian war rages on in the valley below. Croatia's about to join the EU - but Andy Hosken finds that the campaign to eradicate old ethnic animosities has only achieved limited success. Yolande Knell's in Gaza from where, in recent times, rockets have been fired at Israel. She discovers how Gazans are coping with the sanctions imposed on them by the Israelis. And who's responsible for climate change in the Himalayas? Kieran Cooke, who was there, is told the answer - by a Hindu holy man!

From Our Own Correspondent is produced by Tony Grant.

THU 11:30 Oblique Strategies (b02qncrt)

'Infinitesimal gradations', 'Repetition is a form of change', 'Bridges-build-burn' - just three of the gnomic aphorisms contained in the Oblique Strategies cards devised in the early 1970s by artists Peter Schmidt and Brian Eno. The cards were aimed at providing a creative jolt to artists who were either stuck or searching for new directions for their work. Most famously, Eno and David Bowie used the cards during the making of the now infamous set of albums known as the Berlin trilogy.

Simon Armitage first came across them as a student, but has never actually owned or used a pack himself. Now he sets out to tell the story of the cards, talk to some of those who've used them (across the fields of music, writing, cooking, business and more) and also find out whether the cards will take his own writing in a new direction. Among those he'll speak with are Carlos Alomar (the guitarist on those Bowie albums), user Paul Morley, chef Ian Knauer and creativity guru Professor Tudor Rickards. He'll also use the cards to try and help him track down the elusive Brian Eno himself.

Producer: Geoff Bird

First broadcast on BBC Radio 4 in June 2013.

THU 12:00 You and Yours (b02qncry)
Cancer chemicals; DIY; luxury train trips

Raised levels of a chemical linked to cancer have been found in a range of foods from fast food meals to breakfast cereals. So what are the risks involved and what are the food manufacturers doing to manage the levels of the chemical?

And what £5000 will buy you on a luxury train trip around Scotland?

Presenter: Winifred Robinson

Producer: Bernadette McConnell.

THU 12:57 Weather (b021mz7s)
The latest weather forecast.

THU 13:00 World at One (b02qncs0)

Stephen Hester says he wasn't "prised out" of his job at RBS. But speculation continues that his departure is a signal the bank is being prepared for a full return to the private sector. We debate the government's plans.

England's Care Minister has called for a new approach from those looking after the elderly and infirm. We hear from one woman who has been reduced to tears by the service she has received.

We hit the streets of Rochdale with MP Simon Danczuk to find out if Labour is getting its message across.

As concerns mount that some surgeons may not allow their success figures to be published in league tables, the chairman of the Commons Health Committee, Stephen Dorrell, tells us ministers should consider amending the data protection laws.

THU 13:45 1913: The Year Before (b02qncs5)
The Tides of War

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that

awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything.

But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

In the fourth programme Michael tackles the abiding image of Britain's lack of preparedness for the Great War - the cavalry being cut to pieces by the brute modernity of German machine-gun fire. But were the British really so out of step? Look at the debates about naval power, the popular culture and its plethora of 'invasion and 'Germany Spy' stories, and it seems that Britain was more than ready for conflict with Germany. Quite how that conflict would be played out wasn't clear but in 1913 the country didn't have it's back turned. Indeed, the use of Cavalry wasn't quite as anachronistic as we've been lead to believe.

Producer: Tom Alban.

THU 14:00 The Archers (b02qm2rr)

[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Behind Closed Doors (b02qncsf)

Behind Closed Doors: Series 1

Tilting the Odds

An equine vet's career is in jeopardy as he faces a disciplinary hearing for serious professional misconduct. Will his barrister Rebecca Nyman, played by Claire Rushbrook, be able to mount a credible defence? Gunnar Cauthery stars as the vet Falco Hermans.

Tilting The Odds is set at a Fitness to Practice hearing at the Royal College of Veterinary Surgeons. Falco Hermans is a vet in his thirties. Since qualifying he's built up a successful and lucrative practice as an equine vet in the racing town of Newmarket. He's got a big mortgage and three small children. He's facing a disciplinary hearing on several counts of misconduct. If he is struck off he faces financial ruin and disgrace in the racing community and in his home town.

BEHIND CLOSED DOORS:

Tilting the Odds

By CLARA GLYNN

Other parts played by members of the cast.

Producer/director: David Ian Neville.

THU 15:00 Ramblings (b02qnc88)
Series 24

In Search of the Old Ways

Clare Balding walks with the celebrated author and academic, Robert Macfarlane who takes her from his home in Cambridge out onto the Icknield Way. For a man known to love mountains, Robert explains how he's slowly come to love the tame lowlands of Cambridgeshire and how he now relies on climbing trees to give him height and views. While Clare is not tempted to join him at the top of an accommodating beech tree, she's happy to admire the graffiti left on the bark.

Walking out in the summer sunshine Robert shares his fascination for the ancient tracks, drove-roads and sea paths that criss-cross the British Countryside.

Producer Lucy Lunt.

THU 15:27 Radio 4 Appeal (b0270kn6)
[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Open Book (b02lwc62)

[Repeat of broadcast at 16:00 on Sunday]

THU 16:00 The Film Programme (b02qp1s2)

Zack Snyder on Man of Steel; Neil Brand on superhero soundtracks; Ulrich Seidl's Paradise trilogy

Francine Stock talks to Zack Snyder, director of the latest Superman film, Man of Steel, starring Henry Cavill, Amy Adams, Russell Crowe and Kevin Costner. A young boy learns that he has extraordinary powers and is not of this Earth. As a young man, he journeys to discover where he came from and what he was sent here to do. But the hero in him must emerge if he is to save the world from annihilation and become the symbol of hope for all mankind.

Hans Zimmer - whose credits include the Batman trilogy -

provides Man of Steel's musical score, but how has superhero music evolved over the decades? Film composer Neil Brand tracks the evolution of the superhero soundtrack from the 'positive' Superman of John Williams, to the 'dark' Man of Steel of Hans Zimmer, by way of Poledorous's Robocop and Kamen's X-Men.

Moo Man is a low budget British documentary following a year in the life of maverick dairy farmer Steve Hook - and the first British film to be kickstarter funded. If they reach their target, film making duo Andy Heathcote and Heike Bachelier will be able to secure Moo Man the marketing budget it needs to reach a wider audience.

Austrian film director Ulrich Seidl's films appeal to a particular kind of indie, European art cinema fan base. Critics Sandra Hebron and Ryan Gilbey discuss his latest offering, the Paradise trilogy, about three women in one family who take three very different vacations; from searching for love, and more, on a Kenyan beach, to working as a Catholic missionary to going on a diet camp for teenagers.

THU 16:30 Material World (b02qp1sm)

Digital spying; Dornier 17; Germination; Cheetahs

Revelations of digital media being widely accessed and used by American security agencies has reignited the debate about how much should and does 'big brother' know about our digital communications. Adrian Culley, former Scotland Yard cybercrime detective and Security Consultant at Damballa, explains what information is being intercepted and the rules and regulations governing its use.

A Dornier 17 bomber shot down over the English Channel has been brought back from its watery grave. The plane was in surprisingly good condition and materials scientist Professor Mary Ryan, from Imperial College, London, explains what prevented the plane from corroding into oblivion and what the next steps will be to protect this important war relic for future generations.

Seeds time their germination to coincide with favourable growing conditions. Research carried out by a team led by Professor Ian Graham from the University of York shows that seed dormancy and germination is controlled by multiple genes - a so-called gene network - which are orchestrated by a protein called SPATULA - a multi-purpose protein that might play an important role in producing the crops of tomorrow.

There's no doubt that a top speed in excess of 50 mph makes the cheetah a formidable predator, but studies of animals fitted with GPS collars shows that they rarely hunt running flat out. Instead, they use phenomenal manoeuvrability to keep pace with the twists and turns of their quarry and, as Professor Alan Wilson from the Royal Veterinary College has found out, this requires an impressive ability for rapid acceleration and deceleration.

The producer is Ania Lichtarowicz.

THU 17:00 PM (b02qp1sv)

Coverage and analysis of the day's news.

THU 18:00 Six O'Clock News (b021mz7v)

The latest national and international news from BBC Radio 4.

THU 18:30 Heresy (b02qr6wd)

Series 9

Episode 5

Victoria Coren Mitchell presents another edition of the show which dares to commit heresy .

Her guests this week are comedians Miles Jupp, Sue Perkins and television presenter Richard Osman.

Producers: Victoria Coren Mitchell and Daisy Knight
An Avalon production for BBC Radio 4.

THU 19:00 The Archers (b02qr6wg)

Rob worries about what to cook for Adam and Ian when they come round for dinner later. At Ambridge Organics, Helen mentions she's best friends with Ian. Rob asks her what he should cook. She gives him advice and on impulse Rob invites her to the meal too.

In the end, Ian can't get to the meal because of a work emergency. Despite a sparky disagreement on farming methods, Helen and Rob get along well. When Rob leaves the room, Helen tells Adam that she thinks Rob's attractive, but why are all the nice ones either gay or married?

Pip tells Helen she's just finished her last exam. She hopes to do

her placement in Yorkshire if she passes.

Lilian's not in the mood to go to a meeting with Matt and when she's left alone bursts into tears. Phoebe drops by unexpectedly and Lilian tries to pull herself together, telling Phoebe she's had a stinker of a day. When Phoebe asks her if she'd like a hug, Lilian says she would.

Later, Lilian's wrong-footed when Matt says he might go to Paul's funeral on Monday and asks Lilian to come with him. Lilian desperately tries to get out of it, but Matt says he could do with the support. And anyway, she's been invited too.

THU 19:15 Front Row (b02qr6wj)

Kim Cattrall on stage. Cornelia Parker. Brian Aldiss. Gwyneth Lewis

With Mark Lawson.

Kim Cattrall plays a fading Hollywood star in a new staging of Tennessee Williams' Sweet Bird of Youth. Marianne Elliott directs the play, which is set in the late 1950s in the American South. Sarah Churchwell reviews.

The artist Cornelia Parker is best known for installations involving the exploding of a garden shed, Tilda Swinton sleeping in a glass case and the wrapping of Rodin's The Kiss in a mile of string. She reflects on her latest exhibition, and a new book on her work.

For Cultural Exchange, Gwyneth Lewis - the inaugural Poet Laureate of Wales - chooses a dance routine from the Laurel and Hardy film Way Out West (1937).

Novelist Brian Aldiss discusses his final science fiction work Finches Of Mars, which he's published at the age of 87. He also reveals why he has been writing a short story every day for the last year and casts his mind back over a long career that included a brief stint as an erotic novelist.

Producer Nicki Paxman.

THU 19:45 15 Minute Drama (b02qncrc)

[Repeat of broadcast at 10:45 today]

THU 20:00 Law in Action (b02mxyzt)

[Repeat of broadcast at 16:00 on Tuesday]

THU 20:30 The Bottom Line (b02qr6wl)

Travel

Travel companies have recently had to weather the storms of recession for their customers and major upheaval at popular holiday destinations around the world.

Evan Davis finds out how airlines and tour companies plan for their seasonal business in light of economic crisis in Greece and political unrest in Egypt and North Africa - getting it wrong could lead to financial disaster. And guests will discuss the future for Greece, where tourism is seen as the biggest hope for reviving the economy.

Guests:
Peter Long, CEO TUI Travel
Carolyn McCall, CEO Easyjet
Andreas Andreadis, CEO SANI Resort

Producer: Lucy Proctor.

THU 21:00 Material World (b02qp1sm)

[Repeat of broadcast at 16:30 today]

THU 21:30 In Our Time (b02qncqn)

[Repeat of broadcast at 09:00 today]

THU 21:58 Weather (b021mz7x)

The latest weather forecast.

THU 22:00 The World Tonight (b02qrp0b)

New UN figures suggest that 93000 people have died in the Syrian conflict, David Bull from Unicef tells us about the plight of the country's children. We look ahead to tomorrow's presidential elections in Iran. And what is so special about a Stradivarius violin? With Philippa Thomas.

THU 22:45 Book at Bedtime (b02qrp0m)

A Commonplace Killing

Episode 4

Harriet Walter reads Episode Four of a dark and mysterious thriller by Sian Busby, set in post war London. Both Lillian and DDI Cooper seek respite from the heat and the grime.

Dennis wakes needing something to eat to soak up the alcohol from the night before. He decides to go to the café where he can flirt with the squint eyed waitress before going on to King's Cross to pinch another suitcase. He could then do some deals with a woman at his lodgings and perhaps get hold of a few coupons; and if the waitress plays her cards right she might benefit from his ill gotten gains. That's his plan. But when he gets to the café, another woman takes his fancy.

Policewoman Tring is a bright and determined young thing sent from the A4 Woman's branch to drive DDI Cooper around as he investigates the killing of a woman on a bomb site. Cooper can't help but wonder what was one more dead body after a war that had killed millions, but he is touched by Tring's insistence that every effort should be made to resolve the crime 'even if some women do deserve it.' Perhaps her generation won't foul things up as his had, after all. He can't fail but be moved by her innocence and moral upstanding, and he allows himself briefly at least to imagine the possibility of a life with her. But he always found it difficult to think of the future. His last relationship had been with a woman he knew he could never have; his best mate's girl, and the memory of her still haunts him.

A Commonplace Killing by Sian Busby is abridged by Lauris Morgan Griffiths
The producer is Sarah Langan.

THU 23:00 Listen Against (b00tt5mb)

Series 3

Episode 3

The programme that looks back at a week's worth of radio and TV that never happened.

Michael Burke becomes trapped in the Moral Maze, and Any Answers gets a game show makeover.

Presented by Alice Arnold and Jon Holmes.

Producers: Sam Bryant & Jon Holmes.

First broadcast on BBC Radio 4 in 2010.

THU 23:30 Today in Parliament (b02qt8hs)

Sean Curran reports from Westminster.

FRIDAY 14 JUNE 2013

FRI 00:00 Midnight News (b021mz8r)

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

FRI 00:30 Book of the Week (b02x5qd5)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b021mz8t)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b021mz8w)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b021mz8y)

The latest shipping forecast.

FRI 05:30 News Briefing (b021mz90)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b02wqh45)

Spiritual comment and prayer to begin the day with Perthshire Minister, the Revd Marjory MacLean.

FRI 05:45 Farming Today (b02qt7vc)

Politicians in the European Parliament have voted to protect small farms from cuts to subsidy payments. Farmers who receive more than £4,200 will face a cut of up to 5% to their 2013 direct payment, but farmers claiming under that threshold will be exempt. The move by MEPs has enraged the National Farmers' Union which says all farms, no matter what size they are, should take their share of the cuts - which are being made for budgetary reasons. But the Small Farms Association praises the decision in Europe to support the smallest producers.

Charlotte Smith hears from both sides.

A new study suggests soil organisms, aquatic life and farmland birds may all be harmed by the controversial neonicotinoid insecticides. The European Commission has already announced a two year ban on some neonicotinoids because of concerns that they may harm bees, but Professor Dave Goulson of the University of Sussex claims harm to bees may be just the tip of the iceberg.

And we have a sneak preview of this autumn's landmark BBC Two series 'Harvest'. Presenter Philippa Forrester watches a wheat health check with a crop expert from the Rothamsted Research Institute.

Presented by Charlotte Smith. Produced by Anna Jone.

FRI 05:58 Tweet of the Day (b020tpqx)
Gannet

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

Miranda Krestovnikoff presents the Gannet. The North Atlantic is the international stronghold for this impressive seabird - with its wingspan of nearly 2 metres, remorseless expression and dagger-like bill.

FRI 06:00 Today (b02qt7vf)

Morning news and current affairs with Sarah Montague and John Humphries, including:

0810

The United States has announced that it will give military support to the forces trying to bring down the regime of Syrian president Bashar Assad. Little is known about what form the support is likely to take. We speak to Walid Saffour, representative of the Syrian National Coalition in the UK. Nick Robinson provides analysis.

0820

What can we learn by listening to nature? Sound engineer Bernie Krause has been at the TED Global conference in Edinburgh this week to speak about his project to document the sounds of the environment.

0835

Hospitals are missing the chance to save the lives of people with alcohol-related liver disease, due to a lack of specialist care and a failure to correctly diagnose alcohol abuse, according to a study by the National Confidential Enquiry into Patient Outcome and Death. Dr Mark Juniper, co-author of the report and a consultant at the Great Western Hospital in Swindon, and Donna, a recovering alcoholic, provide their insights and experiences.

0842

BBC correspondent Chris Morris visits the rural regions of Turkey to report on how residents feel about the recent unrest in the country's capital.

FRI 09:00 Desert Island Discs (b02lr130)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Book of the Week (b02x5qpx)

Charles Timoney - An Englishman Aboard

Episode 5

Charles Timoney is an English writer, with a French wife, living in France.

After showing a group of friends the rowing boat he has spent the last six months building, Charles - possibly unwisely - accepts a challenge to travel the entire length of the River Seine from source to the sea, using the boat where he can, to discover the true France.

But it proves rather more difficult than he imagined. Not all of the Seine is navigable by rowing boat, so he sets sail into an unvarnished France on a variety of craft, hitching lifts in everything from a converted Parisian tourist boat to a sailing boat with no mast. He even tries out an amphibious vehicle.

Along the way he encounters Stéphane (a carp fisherman with a very strange habit), grapples with rapids and stubborn cattle, rescues a couple when their sailing dinghy capsizes, and discovers that rowing in the dark is more frightening than he first thought.

Written by Charles Timoney
Abridged by Libby Spurrier

Reader: Mark Heap
Producer: Joanna Green

A Pier Production for BBC Radio 4.

FRI 10:00 Woman's Hour (b02qt7vh)

Sophie Carrigill, Careers Advice and Hen Dos

Sophie Carrigill, one of the rising stars in wheelchair basketball on setting her sights on Rio; the link between stress and breast cancer; careers advice in schools; hen parties - bonding or brawling? Jenni Murray presents the programme that offers a female perspective on the world.

FRI 10:45 15 Minute Drama (b02qt7vk)

The Dogs and the Wolves

Episode 5

The Dogs and The Wolves by Irene Nemirovsky, translated by Sandra Smith
Dramatised by Ellen Dryden

Ep.5/5

Ben turns up suddenly at Ada's. There is a warrant out for his arrest for fraud and Harry's family bank has crashed. There will be a scandal. Ada is faced with a terrible dilemma - in order to save Harry from financial ruin, she turns to his rich wife, Laurence.

Produced and directed by Pauline Harris.

FRI 11:00 Born in Bradford (b02qt7vm)

Diabetes and mental illness in extended families

Born in Bradford is one of the biggest medical research studies undertaken in the UK: its aim is to find out more about the causes of illness by studying children as their lives unfold. Winifred Robinson has been alongside researchers from the start, in 2007, and has followed the recruitment of 14,000 babies and their families. They are now being tracked and information gathered has already led to changes in how pregnant women in the city are monitored and their babies cared for. In this programme Winifred looks at research into the effect of the potentially toxic chemical, acrylamide - present in a range of foods, including crisps, coffee and chips. The diet of mothers to be in Bradford contributed to an international study of 1,100 pregnant women and newborns, led by the Centre for Research in Environmental Epidemiology in Spain. The babies in Bradford were found to have the highest levels of acrylamide, which can cause lower birth rates and smaller heads. These birth outcomes are linked to health problems in later life, including poor child health, delayed brain development, and diabetes and heart disease in adulthood. According to Professor John Wright, a clinical epidemiologist at the Bradford Institute for Health Research, the findings show how important it is to start educating pregnant women about the risks: "our study provides the most definitive scientific evidence yet that eating foods high in acrylamide during the critical pregnancy period can affect foetal health. The level found in the Bradford babies was twice the level of the Danish babies, for instance. Pregnant women need to be given more information about the risk from acrylamide and the food industry must also explore effective ways of reducing acrylamide levels in its products." The impetus for the Born in Bradford study came from the high infant mortality rate in the City - the second highest in the country at the launch of the study, according to the Bradford Infant Mortality Commission. In addition Bradford has a range of autosomal recessive conditions which aren't seen elsewhere - with more than 150 of them identified by paediatricians and community teams. In an effort to understand some of these extremely rare conditions researchers have been tracing the genetic history of new parents and looking at the part played by cousin marriages, which account for three quarters of marriages amongst Pakistanis in the city. The Born in Bradford team is now on the brink of providing the most detailed calculation of the actual risks involved in cousin marriage. One of the advantages of this work is that those in the position of having children with recessive conditions can be offered alternatives when they next consider getting pregnant. Ruba is 24 and has two children with I Cell disease, a rare and incurable metabolic disorder which has already claimed the life of her five year old son, Hassan and which will inevitably kill his younger sister, Alishba. Ruba is married to her cousin and has a one in four chance of any subsequent pregnancies resulting in children born with the same condition. Winifred follows Ruba as she considers her options and listens to the advice and guidance offered.

FRI 11:30 Tom Wrigglesworth's Open Letters (b00y2sdt)

Series 1

Parking Enforcement

Through the medium of four open letters, the comedian Tom Wrigglesworth investigates the myriad examples of corporate lunacy and maddening jobsworths in modern Britain.

In this series his subjects range from traffic wardens to estate agents, with Tom recalling his own funny and ridiculous experiences as well as recounting the absurd encounters of others.

Tom finds himself baffled by the weird world of parking enforcement.

FRI 12:00 You and Yours (b02qt7vp)

Catalogue debts and a move to protect rural post boxes

A move to protect rural post boxes across the UK, we investigate an online blackmail scam and how you can protect yourself. Find out why catalogue debts are causing more problems for debt charities than payday loans companies. Plus, 3D or not 3D? what impact has cinema technology had on ticket sales?

FRI 12:52 The Listening Project (b02qt7vr)

Biggy and Barry - Dogs We Have Known

Fi Glover introduces a conversation from Belfast which includes cautionary tales about encounters with large and not so large dogs, in the 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

Producer: Marya Burgess.

FRI 12:57 Weather (b021mz92)

The latest weather forecast.

FRI 13:00 World at One (b02qt7vt)

The Prime Minister has backed Washington's assessment that the Syrian government has used chemical weapons. We ask what responsibility now rests on outside countries to help civilians affected by the fighting.

The government says six more departments have agreed savings with the Treasury. The Chief Secretary to the Treasury - Danny Alexander - tells us why, with just 12 days to go, some of his cabinet colleagues are still holding out.

We go to school in Lancashire to find out if becoming an academy can disrupt a child's education.

FRI 13:45 1913: The Year Before (b02qt7vw)

Cultural Upheaval

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything. But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

In the fifth programme in the series Michael tackles the familiar idea that the angularity and a-tonal hallmarks of modernism in the arts and culture were a reaction to the shock and savagery of the slaughter in the trenches. In fact modernism in many of its forms, had already enjoyed its high water mark, while the cultural scene in 1913 was increasingly dominated by the popularity of music hall and film. Parisian Riots over Stravinsky's Rites of Spring don't seem to have been echoed in Britain where Henry Wood was boldly programming music by both Stravinsky and Webern. But even as war threatened and then took hold, there was a move towards Pastoralism.

Producer: Tom Alban.

FRI 14:00 The Archers (b02qr6wg)

[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Behind Closed Doors (b02qt7vy)

Behind Closed Doors: Series 1

Safe House

Is Akmed Hammen a potential danger to society? With his movement and activities severely restricted under a Home Office curfew, Akmed fights to clear his name and resume normal family life. Barrister Rebecca Nyman takes on the role of a Special Advocate to plead Akmed's case at a Closed Material Procedure hearing. Claire Rushbrook stars as London barrister Rebecca Nyman and Amerjit Deu stars as Akmed Hammen.

Safe House is set at a Closed Material Procedure hearing. The drama takes us inside the secretive legal world of counter-terrorism. Akmed is suspected of being a terrorist. He has not committed a crime, but the Security Services say they have substantial reasons for believing that he represents a clear and present danger. They have put him on a TPIM - the Terrorism Prevention and Investigation Measure, which puts him under a curfew and involves other restrictions on his activities. At the hearing his Barrister - Rebecca Nyman - is challenging the TPIM.

BEHIND CLOSED DOORS:

Safe House

By CLARA GLYNN

Producer/director: David Ian Neville.

FRI 15:00 Gardeners' Question Time (b02qt7w0)

Penicuik

Chaired by Eric Robson, the GQT team is in Penicuik for this week's episode of Gardeners' Question Time. Taking the audience's questions are panelists Bob Flowerdew and Anne Swithinbank, along with guest panelist Carole Baxter.

Produced by Victoria Shepherd

A Somethin' Else Production for BBC Radio 4.

For more information on The Lost Garden of Penicuik visit: www.lostgarden.co.uk

Q. What is the best way to store seed and how long should you keep bags of compost?

A. When storing seeds they need to be kept away from air, damp, heat and frost so it is best to use a sealed container for example a jam jar or a paper envelope and store in a shaded, frost free location. Fresh compost is usually best. If you keep compost for a long time changing weather conditions can affect the fertility however you can still find uses for it, such as topping up containers and beds towards the end of the year.

Q. What can I do to help celery grow in a cold and wet climate?

A. Celery is usually planted at the beginning of the year under cover. It needs to be sheltered from the wind, have continual moisture and very rich conditions and it must be protected from frost. A good idea is to put a box around it and fill it with sharp sand or leaf mould, which should keep it protected from frost. Another method would be to create a raised hot bed. Dig but some of the soil and put some well rotted horse manure in the bed followed by the soil on top, then plant the celery and place a fleece on top, this will induce some heat and keep some moisture off, helping the celery grow.

Q. How would you deal with impacted clay soil, whilst avoiding too much physical labour?

A. Clay is very rich and has a lot of nutrition but it is very hard to work with. One method of planting would be to put a layer of mulch on top and then plant through the mulch and let the roots break through the clay. The plants can then also use the nutrition of the clay. Also you could use some woven ground cover (geotextile), covering the area, after a year remove the cover and the ground should be suitable for planting.

Q. What do you think of the concept of perennial vegetables and would you be able to recommend any?

A. Asparagus, Sea Kale, a cross between cabbage and asparagus, and "Good King Henry" are all great and delicious options and all grow year after year with very little work needed. Asparagus can only be harvested for about eight weeks, let the rest of the spears grow and they can then go back into the ground to build up for the following year's crop. Kale is a hardy, flavoursome plant and should ideally be sown in spring, planted out in June and ready for cropping in the winter. Finally, Chinese artichoke has a lovely flavour; usually cropped in October it can be planted in the ground but is best undercover.

Q. My Prunus Aviums are showing signs of stress with poor growth and little to no flowering. My garden is at 800ft (240m) and exposed could this problem be due to climatic influences? A. A possible diagnosis is a fungal disease called Blossom End

Wilt. If this were the case the answer would be to cut out the diseased and damaged parts. A lack of magnesium in the soil could cause nutrient deficiency and therefore feeding them with a well-balanced feed or perhaps a seaweed spray with a lot of trace elements in them could help. Additionally, the stone fruit family do need a higher level of lime in the soil to grow so adding lime to the soil may help.

Q. What is the best way to grow and harvest an Angelica plant?

A. Avoid disturbing the soil around it and let some seed fall to the ground because it is very good at seeding itself if left undisturbed. Also collect some seed and sow it into a pan and leave it in the Greenhouse. For cooking, collect the stems before they flower, peel and boil in sugar syrup, let them sit in the syrup and then drain, for a great flavour repeat the boiling process over several days.

Q. My husband urinates in our garden; as a result the grass grows very healthily while the weeds seem to die. What elements in urine could cause this?

A. The grass family are all very responsive to nitrogen and are all able to cope with higher levels of nitrogen than most other plants, therefore it is likely the weeds do not like the heavy levels of nitrogen. Growth hormones such as indoleacetic acid and other auxins are in urine so it does have an effect on plants.

FRI 15:45 Four Bare Legs in a Bed (b02qt7w2)

Send One Up for Me

The last of three stories from Helen Simpson's collection, *Four Bare Legs in a Bed*, read by Rosie Cavaliero.

3/3 Send One Up for Me. Tess is in bedst-land hell.

Producer: Sarah Langan.

FRI 16:00 Last Word (b02qt7w4)

A novelist, a racehorse trainer, a swimmer and film star, a key figure in the Warsaw Pact and 'the fastest granny on water'

Matthew Bannister on

The Scottish novelist Iain Banks - author of *The Wasp Factory* and *The Crow Road* - who also wrote science fiction

Sir Henry Cecil - one of the most successful flat racing trainers of recent times. Willie Carson pays tribute.

Hollywood's swimming superstar Esther Williams,

Marshall Viktor Kulikov - one of the last of the Soviet military commanders. He played a key role in the crisis that led to martial law being imposed in Poland.

And the Countess of Arran - a powerboat racer known as the fastest woman on water. She reached 103 miles per hour in a rocket-like boat on Lake Windermere in 1980.

FRI 16:30 Feedback (b02qt7w6)

It's a year since the BBC introduced an improved complaints procedure. And the BBC Trust, which exists to protect the licence fee payers' interests, has just reported back on the new system. Their public consultation shows that most people now think the system is working well. But some Feedback listeners still think there's room for improvement. Roger Bolton speaks to BBC Trustee Richard Ayre, who is in charge of reviewing the complaints procedure.

And Richard Ayre gives the BBC Trust's view on the BBC's failed Digital Media Initiative (DMI). While we were off-air, the BBC announced that it was scrapping DMI after spending £98 million pounds on the five-year digital archiving project, a sum amounting to almost 700,000 licence fees.

Plus, which programme is sending feline Feedback listeners into a frenzy? Roger speaks to renowned wildlife sound recordist Chris Watson about this pressing issue.

And could you be our Tweet of the Week? We know you're the best radio reviewers around so we'd like you to tweet us on @bbcr4feedback with your most poetic, heartfelt, heated, and inventive reviews of BBC Radio, programmes and policies in 140 characters. If yours is selected as a Tweet of the Week you will win absolutely nothing, except the undoubted admiration of other listeners, and our undying gratitude of course.

Producer: Will Yates

A Whistledown production for BBC Radio 4.

FRI 16:55 The Listening Project (b02qt7w8)

Lindy and Anthea - Used and Abused

Fi Glover presents a conversation between friends who have both known domestic abuse and who now find strength in their shared experience, in the series that proves it's surprising what you hear when you listen.

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Producer: Marya Burgess.

FRI 17:00 PM (b02qt7wb)

Full coverage and analysis of the day's news.

FRI 18:00 Six O'Clock News (b021mz94)

The latest national and international news from BBC Radio 4.

FRI 18:30 The Now Show (b02qt7wd)

Series 40

Episode 5

Steve Punt and Hugh Dennis are joined by Jon Holmes, Marcus Brigstocke, Mitch Benn and Pippa Evans for a comic romp through the week's news. Producer: Colin Anderson.

FRI 19:00 The Archers (b02qt7wg)

Emma helps Clarrie with the church flower arranging alongside Nic and is frustrated when she can't get the hang of it. When Emma complains to Nic about George turning into a religious maniac, Nic stands her ground. George likes going.

Upset Lilian gets advice from Jolene about whether to go to Paul's funeral, as Charlie and Grace have invited her. She worries that Celia will recognise her from bumping into her at Paul's and then her life will unravel. And Lilian will be so upset, Matt will think it's odd. Jolene suggests that Lilian goes but leaves Matt at the church, saying she doesn't want to intrude, and to pick him up afterwards.

Ed's pleased when Jamie agrees to be the catcher for their shearing job next week. Jazzer complains about paying him, but Ed tells him that if it wasn't for him they wouldn't have anyone.

When Clarrie rings Jazzer for an update about Christine's Virgin Mary flower arrangement, he invites himself for tea, and pudding, where he makes up a story about what Christine's using - including fairy lights. Clarrie's not impressed and when Jazzer offers to find out more, Clarrie agrees, as Jazzer asks for more pudding.

FRI 19:15 Front Row (b02qt7wj)

I Am Nasrine; The White Queen; Paul Weller

I Am Nasrine is the BAFTA-nominated debut film from Tina Gharavi. It follows teenage refugee Nasrine, forced to leave Iran and start a new life in the UK after a run-in with the police. Tina Gharavi explains how her own life and work with refugees in the north east of England contributed to the script, and how she filmed parts of the footage undercover in Iran.

The White Queen is TV adaptation of Philippa Gregory's best-selling novel, *The Cousins' War*. Set during the War of the Roses, the battle between the Houses of York and Lancaster is seen through the eyes of the women at the heart of the action. Critic Rebecca Nicholson considers the growing appetite for historical drama and how *The White Queen*, with its underlying themes of magic and fantasy, compares to *Game Of Thrones*.

For the Cultural Exchange, Paul Weller nominates *The Zombies'* album *Odessey And Oracle* - released in 1968.

For the past twelve years, weavers at the West Dean tapestry studio have been recreating seven sixteenth century tapestries, known as *The Hunt For The Unicorn* series, for Stirling Castle in Scotland. As the final tapestry is cut from the loom, marking the completion of biggest British weaving project for two hundred years, John Wilson hears about the medieval techniques involved.

FRI 19:45 15 Minute Drama (b02qt7vk)

[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b02qt7wl)

Don Foster, Mary Creagh, Daniel Hannan, Mehdi Hasan

Jonathan Dimpleby presents political debate and discussion from Great Yarmouth Racecourse in Norfolk with Daniel Hannan MEP, commentator Mehdi Hasan, Communities and Local Government Minister Don Foster MP and Shadow Secretary of State for the Environment, Food and Rural Affairs Mary Creagh MP.

FRI 20:50 A Point of View (b02qt7wq)

Fly, Fish, Mouse and Worm

"When I was a child, one of my favourite books was Bear, Mouse and Water Beetle," says Tom Shakespeare. "Today, I want to tell you a contemporary story, which you could call Fly, Fish, Mouse and Worm."

These 'model animals' help scientists to understand the basic processes common to all living creatures. But while model animals epitomize the success of the scientific strategy of reductionism, they may also illustrate the downside.

FRI 21:00 1913: The Year Before (b02qt7ws)

1913: The Year Before - Omnibus

Omnibus Week One

The one hundredth anniversary of the start of the First World War looms on the horizon. 1914 is a date forged into the British consciousness, just as it's carved into monuments the length and breadth of the UK and many places beyond. With that awareness comes an understanding that it was the war to end all wars, shocking the culture, politics, and societies of Europe, but particularly Britain, out of their comfortable progress and reshaping everything.

But in this series Michael Portillo challenges that notion. Looking at a series of themes, the suffrage movement, the Irish question, the decline of the liberal party and the arts, he argues that to a large extent Britain was already in a state of flux by 1913 and many of the developments we think of as emanating from or being catalysed by the war, were actually in full flow.

In the first programme Michael samples the atmosphere of June 1913.

Producer
Tom Alban.

FRI 21:58 Weather (b021mz96)

The latest weather forecast.

FRI 22:00 The World Tonight (b02qt7wv)

The US president approves the supply of direct military aid to the Syrian opposition after US intelligence concludes Assad forces are using chemical weapons "on a small scale", Iranians vote for new president, An Australian radio presenter is sacked after asking PM Julia Gillard in a live interview if her long-term partner, Tim Mathieson, is gay. Could a new bridge over the Danube which opens today, solve some of the problems of the poorest part of the European Union's poorest country? With Philippa Thomas.

FRI 22:45 Book at Bedtime (b02qt7wx)

A Commonplace Killing

Episode 5

Harriet Walter reads Part Five of a dark and mysterious thriller by Sian Busby. Lillian is pleasantly distracted by a well-dressed stranger, and the pathologist comes up with some new evidence.

Lillian and her young friend Evelyn (who lives rent free in Lillian's attic) have gone to a café where they meet a fat and vulgar woman called Nesta, but also a cocky young man called Dennis who calls her 'Blondie'. She notices the quality of his green jacket and his fancy tie - they make him stand out a bit. And his sneer gives him an air of contempt which gives her a queer sort of thrill.

Meanwhile DDI Cooper is becoming increasingly frustrated with the case, when a break comes along. The mackintosh they found at the murder site has been identified as a Westmoreland which Cooper knows is stocked at the exclusive Gamages department store. And the pathologist finds evidence that makes Cooper question if this woman was raped at all.

A Commonplace Killing by Sian Busby is abridged by Lauris Morgan Griffiths.
The producer is Sarah Langan.

FRI 23:00 A Good Read (b02my4j7)

[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Today in Parliament (b02qt7wz)

Mark D'Arcy reports from Westminster.

FRI 23:55 The Listening Project (b02qt8kb)

Amy and Ian - Remembering Piper Alpha

Fi Glover introduces a conversation between a father and his 11 year old daughter about his memories of the 1988 Piper Alpha explosion and the many friends he lost that night, in the series that proves it's surprising what you hear when you listen.

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Producer: Marya Burgess.