

SATURDAY 08 FEBRUARY 2014**SAT 00:00 Midnight News (b03t00nf)**

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

SAT 00:30 Book of the Week (b03t02x8)

Where Memories Go: Why Dementia Changes Everything

A Peaceful End

'If dementia were a country it would be the world's 18th largest economy, somewhere between Turkey and Indonesia.'

Scottish broadcaster Sally Magnusson reads her moving but searingly honest account of her mother Mamie Baird's long struggle with dementia. Married to writer and broadcaster Magnus Magnusson, Mamie Baird was a pioneering journalist, known for her witty, outrageous and fun-loving stories, for her love of music and of life itself. As well as chronicling the anguish, the frustrations and the unexpected laughs that Sally and her sisters experienced while caring for their mother for eight years until her death in 2012, Sally seeks understanding from scientists, doctors, philosophers and politicians in the face of one of the greatest challenges of our times.

Today: a peaceful end amongst family.

Abridged by: Sara Davies
Produced by: Justine Willett
Reader: Sally Magnusson

SAT 00:48 Shipping Forecast (b03t00nh)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b03t00nk)

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

SAT 05:20 Shipping Forecast (b03t00nm)

The latest shipping forecast.

SAT 05:30 News Briefing (b03t00np)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b03t3fkl)

A spiritual comment and prayer to begin the day with the Rev Dr Lesley Carroll.

SAT 05:45 iPM (b03t3fkn)

'My daughter woke from her coma and hit me in the face.' A listener talks about life at her daughter's bedside and what happened when she woke up. John Humphrys reads Your News. iPM@bbc.co.uk.

SAT 06:00 News and Papers (b03t00nr)

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

SAT 06:04 Weather (b03t00nt)

The latest weather forecast.

SAT 06:07 Open Country (b03szx7q)

Common Ground, Dorset

For thirty years, the arts and environment organisation Common Ground has used Dorset as a kind of laboratory for its work celebrating local distinctiveness, before rolling their projects out elsewhere around the UK. Helen Mark hears from Common Ground co-founder Sue Clifford why they began Apple Day events near her home in Shaftesbury, as a way of celebrating and protecting old apple orchards. Helen also meets the sculptor Peter Randall-Page who was commissioned to carve some small wayside sculptures along a footpath above Lulworth Cove, and the composer Karen Wilmhurst reflects on Confluence, the three year music project she was involved in that celebrated the river Stour, from its source to the sea.

But now that the Common Ground co-founders are retiring, Helen also meets Adrian Cooper, who's taken the helm, and is steering the organisation into new waters.

Producer: Mark Smalley.

SAT 06:30 Farming Today (b03tqx9n)

Farming Today This Week: Farms, wildlife and nature improvement areas

Should farmland be managed for nature, or for growing food? Charlotte Smith visits the Marlborough downs nature improvement area in Wiltshire, a 10 thousand hectare landscape of arable fields, chalk downland and tussocky hills. There are twelve nature improvement areas in England but, uniquely, this area is run by a group of 42 farmers.

Charlotte meets farmer David White, an arable farmer and passionate wildlife photographer. She discovers how he has set aside strips of land to plant wild bird seed mixes and helps him to spread seed for birds to tide them through the Winter. Higher up on the downs, Charlotte meets project ornithologist Matt Prior who's passionate about tree sparrows, a bird which has seen an 89% decline in the UK between 1970 and 2008. He builds special nest boxes for the birds to create tree sparrow villages and Charlotte lends a hand.

Back on the downs, Charlotte finds out more about how the nature improvement area came about with project coordinator Jemma Batten and helps David plant up a new pond.

There is, however, a balance to be struck between productive land for food and setting it aside for nature. Following extensive flooding in the Somerset Levels, the RSPB tell us they would like to see less intensive farming in the area. However the NFU feel strongly that farming should still be a part of the landscape once the waters recede.

And whilst this 10 thousand hectare project is the largest single farm wildlife projects in England, even the smallest can still benefit both livestock and landscape, as Caz Graham finds out when she visits a 36 acre farm in Cumbria which has been gifted to the local Wildlife Trust.

Presented by Charlotte Smith and produced by Jules Benham.

SAT 06:57 Weather (b03t00nw)

The latest weather forecast.

SAT 07:00 Today (b03tqx9q)

Morning news and current affairs with Sarah Montague in London and Mishal Husain in Taunton.

SAT 09:00 Saturday Live (b03tqx9s)

Simon Reeve

Richard Coles and Suzy Klein with adventurer and TV presenter Simon Reeve. Judith Keppel, the first person to hit the jackpot on Who Wants To Be A Millionaire, contemplates luck; food and travel writer Michael Booth explores Scandinavia; cricketer and columnist Ed Smith reflects on managing maverick talent; Andrew Cotton describes the thrill and skill of surfing a big wave; toxinologist Dr Zoltan Takacs explains why he's charmed by snakes and their venom; Marjorie Wallace shares her Inheritance Tracks, and Kate Allatt recalls how Facebook helped her out of locked-in syndrome.

Produced by Dilly Barlow.

SAT 10:30 Reimagining the City (b03tqx9v)

Series 2

Calcutta

In 1999, the novelist Amit Chaudhuri moved from England back to Calcutta. It was a place he had loved in his youth and the place he made his name writing about.

Growing up in Bombay, Amit Chaudhuri used to feel a charge of anticipation on visiting Calcutta. For him, it was his first taste of modernism, of a completely contemporary city.

"This is what I must have had an intuition of, even as a child. And this is why I feel, even now, that the most revealing places in Calcutta are not the museums or the monuments - there aren't many of those - but the houses and lanes."

That Calcutta was one of the great cities of modernity for Amit. He found himself changed by his encounters.

"By modern, I don't mean new or developed, but a self renewing way of seeing, of inhabiting space, of apprehending life."

A colleague of Amit's told him that he loved the city because "you can feel that something happened here".

Amit takes us on a guided tour of the city, and explores whether that city of his childhood still exists or is just a realm of his imagination.

Producer: Rachel Hooper

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

SAT 11:00 The Week in Westminster (b03tqx9x)

Steve Richards of The Independent talks to MPs caught up in the floods. He consults a former education secretary about Michael Gove. And which way are the polls moving on Scottish independence?

Editor: Peter Mulligan.

SAT 11:30 From Our Own Correspondent (b03tqx9z)

The Robots Come Out at Night

Robots are doing the cleaning up in an old people's home in Denmark. Are they popular? Jake Wallis Simons has been finding out. A journalist in Sri Lanka is stabbed to death in her home. Charles Haviland says colleagues are now talking of a society brutalised by years of violence, where the value of life has been eroded. What do Judaism and Confucianism have in common? Quite a lot apparently, as Michael Goldfarb's been discovering in the Chinese city of Jinan. American schoolchildren are now being taught what to do should a gunman start opening fire in their school. Laura Trevelyan in New York's been talking to children and to parents about it. And as a corruption scandal swirls around the Spanish royal family, Tom Burridge goes to two royal palaces to try to learn how the Spanish royals can win back their popularity.

SAT 12:00 Money Box (b03tqxb1)

DIY Investing

DITCH AND DABBLE

We sent our newest producer, Wesley Stephenson, to find out about DIY investing. If you are confident enough to find your own investments and manage them online you can save the fees an independent financial adviser would charge. But how easy is IY? And is it sensible to ditch your adviser and dabble on the market?

NO EX PLEASE, WE'RE INSURERS

Why should a man jailed in the 1970s for attempted murder be denied insurance for his house and contents, nearly 30 years after he left prison? What offences do you have to declare to insurers? When does a conviction become 'spent'? And why has the government delayed changes to the rules which would help former prisoners?

NOT A GATEWAY TO HEAVEN

Complaints keep arriving about a website which many people take to be the official HMRC route to file a self-assessment tax return. In fact taxreturngateway is nothing to do with HMRC and will charge up to £1000 just to submit the form. Any tax due has to be paid separately. The website, which closed down for few days over the 31 January tax return deadline, is now up and running after a redesign. But if you've been charged a fee you think is unfair can you get your money back?

SAT 12:30 The Now Show (b03t3dvv)

Series 42

Episode 5

Steve Punt and Hugh Dennis are joined by Canadian vlogger IISuperwomanII plus Angela Barnes, Mitch Benn and Laura Shavin for a comic run through the week's news.

Written by the cast with additional material from Andy Wolton and Jon Hunter. Produced by Colin Anderson.

SAT 12:57 Weather (b03t00ny)

The latest weather forecast.

SAT 13:00 News (b03t00p0)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b03t3dvw)

Jeremy Browne MP, Jack Straw MP, Anna Soubry MP, Jack Monroe

Jonathan Dimbleby presents political debate and discussion from Altrincham Grammar School for Girls with Defence Minister Anna Soubry, journalist and poverty campaigner Jack Monroe, the Liberal Democrat MP Jeremy Browne and the Former Foreign Secretary Jack Straw MP.

SAT 14:00 Any Answers? (b03tqxb3)

Schools, floods and the Winter Olympics

What makes a good school? And can the state sector learn anything from the private - and visa versa. With more unsettled weather forecast, should we be letting nature take its course or deliberately altering the landscape to avoid more flooding? And the Winter Olympics - is it right to boycott in protest at Russia's attitude to gay rights?

Anita Anand hears your reaction to the subjects discussed in Any Questions? by Defence Minister Anna Soubry, Jack Straw the Former Foreign Secretary, Jeremy Browne - Former Home Office Minister and poverty campaigner and writer Jack Monroe.

You can have your say on any of the subjects discussed on Any Answers? just after the news at **2pm** on Saturday. Call 03700 100 444 from **12.30**, e-mail anyanswers@bbc.co.uk, tweet using #BBCAQ, or text 84844.

Presenter: Anita Anand
Producer: Alex Lewis.

SAT 14:30 Dangerous Visions (b02v25nw)
Michael Symmons Roberts - The Sleeper

A fable for our times. A future British society as it is today - except human beings have gradually lost the gift of sleep.

Michael Symmons Roberts' verse drama with music composed by Stephen Deazley adapted to create a soundtrack mixing speech, poetry and chorus.

Society is strained to breaking point by 24-hour wakefulness. The government has cracked down on subversive images of sleep. People work around the clock. Hotels are for private meetings and illicit sex. Shops never close.

Into this paranoid world, a teenage girl emerges, a girl who can sleep. Protected by her friends, she goes on the run from the authorities who are keen to control and study her gift. The group ends up living in a city centre squat, surviving as a group by shoplifting and begging.

The group grows increasingly anxious and fractious, with Ellah (the sleeper)'s boyfriend Jamie lapsing into cultish beliefs in the 'old gods', in which lullabies are chanted as prayers, worshipping sleep. Some of the other group members join in these rituals. Keller, the level-headed natural leader of the group, is struggling to keep the peace.

Hungry, scared and sick of being pursued, the group receives an offer of help from a wealthy man - known by the nickname Hypnos - who says he will protect them. But what does he want in return?

Stars Matthew Beard as Keller, Sarah Churm as Ella, Henry Devas as Jamie, Rachel Austin as Sara, Jason Done as Davis, Maxine Peake as Harper, Danielle Henry as Somnus and Kevin Doyle as Hypnos.

With music created from the original WNO Youth commission by the composer Stephen Deazley, and performed by members of the Welsh National Opera Orchestra and Youth Opera

Directed in Salford by Susan Roberts

First broadcast on BBC Radio 4 in 2013.

SAT 15:30 The Black Liberace (b03srrsp)

Record producer Joe Boyd gives his personal take on the great New Orleans piano player James Booker - aka the Black Liberace.

New Orleans pianist Dr John once called Booker "the best black, gay, junkie piano player New Orleans has ever produced", but he remains little remembered outside his home city.

Classically trained in piano and a child prodigy, Booker had his first hit record as a teenager, toured with the likes of Ray Charles and Aretha Franklin and played on sessions with Fats Domino and Little Richard. But it was as a solo performer that he really came into his own.

When record producer Joe Boyd met Booker at a session in the 1970s he recognised his technical virtuosity and potential to captivate an audience. He asked Booker if he'd like to record an album on his own, without a band. The pianist was cautious, but eventually agreed to record Junco Partner on one condition - he had a candelabra on the piano. The reason, he said, "cos I'm the Black Liberace baby!"

Liberace may have been one of his idols, but Booker's styles were wide and varied. He not only mastered but also transformed the New Orleans piano style mixing Chopin, Liszt and Rachmaninoff with jazz, blues, stride, gospel and boogie-woogie. He played like he had four hands and made the piano sound like a whole band. But, gay at a time when homosexuality was a huge taboo and black in a divided America, Booker died alone, aged 43, after a life of drug and alcohol abuse.

Featuring interviews with Dr John who was taught by Booker, and New Orleans pianist Allen Toussaint, as well as Booker's manager John Parsons and producer Scott Billington.

Producer: Jo Wheeler
A Brook Lapping production for BBC Radio 4.

SAT 16:00 Woman's Hour (b03tr28d)

Weekend Woman's Hour: Angel Haze; Sheryl Crow; Women in WW1; Eileen Atkins; Drug addiction; Cancer over 70; Couples in fiction

World War One and its impact on women. Baroness Shirley Williams, broadcaster Kate Adie, Joanna Bourke, Professor of History at Birkbeck College and cultural historian Professor Maggie Andrews discuss how WW1 changed women's lives.

Author Jojo Moyes and writer Samantha Ellis discuss fictional relationships. Which would survive beyond the last page of a book and which are doomed to fail?

Rapper Angel Haze talks about about her troubled upbringing and how she uses music to help others.

Elizabeth Burton Philips, founder of Drug Fam on how to cope when a member of your family is a drug addict.

Actor Eileen Atkins on performing Shakespeare's greatest female characters.

Sheryl Crow talks about cancer, adopting as a single mother and her latest country music album.

Dr Maureen Baker, Chair of the Royal College of General Practitioners and Baroness Delyth Morgan, Chief Executive of the Breast Cancer Campaign discuss raising awareness of breast cancer in older women.

Highlights from the Woman's Hour week.
Presenters: Jane Garvey and Jenni Murray
Editor: Jane Thurlow
Producer: Rebecca Myatt.

SAT 17:00 PM (b03tr28t)
Saturday PM

Full coverage of the day's news with Paddy O'Connell.

SAT 17:30 The Bottom Line (b03srxq8)
MBAs

Business school or school of life? An MBA from a top business school is what defines many of today's high powered CEOs - but is the qualification worth the cost or are would-be entrepreneurs better off learning business acumen in the real world? Evan Davis debates with guests.

Guests:
Colin Drummond, Chairman of Viridor and Harvard MBA graduate
Kim Winsor, former CEO of Pringle, now CEO of Winsor London
Glenn Sykes, Associate Dean of The University of Chicago Booth School of Business, London

Producer: Kent DePinto.

SAT 17:54 Shipping Forecast (b03100p2)
The latest shipping forecast.

SAT 17:57 Weather (b03100p4)
The latest weather forecast.

SAT 18:00 Six O'Clock News (b03100p6)
The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b03tr28x)

Chris O'Dowd, Maggie Aderin-Pocock, Peter Andre, Wayne Sleep, Bombay Bicycle Club, Nine Below Zero

Clive's in the IT Crowd with actor Chris O'Dowd, who talks about creating and starring in the second series of *Moone Boy* - a fantastic comedy which centres on a twelve-year-old boy who has an imaginary friend.

Clive's stargazing with Space scientist Dr Maggie Aderin-Pocock, MBE, who is the new co-host of the long-running astronomy TV programme 'The Sky at Night'.

Mysterious Girl Emma Freud talks to singer, businessman and television personality Peter Andre about his new song 'Kid', which features on the soundtrack of the new comedy adventure film *Mr. Peabody and Sherman*.

Clive's on point with dancer and choreographer Wayne Sleep OBE, whose new TV series 'Big Ballet' follows a troupe of plus

size amateurs as they attempt to realise their dream of dancing Swan Lake.

With music from Bombay Bicycle Club, who perform 'Luna' from their album 'So Long See You Tomorrow'. And from Ben Waters and Nine Below Zero, who perform 'Uncle In Harlem' from Ben's album 'Live in London.'

Producer: Sukey Firth.

SAT 19:00 From Fact to Fiction (b03tr28z)
Series 15

God's Bidding

God's Bidding
by Audrey Gillan

In a week when the Pope's motorbike was auctioned in Paris to raise funds for a homeless charity, a Scottish mother and daughter see it as their mission to go and buy it.

Directed by Gaynor Macfarlane.

SAT 19:15 Saturday Review (b03tr291)
Dallas Buyers Club; Hanif Kureishi; Inside Number 9

Dallas Buyers Club is based on the real life story of Ron Woodruff who fought to make new treatments available to patients with HIV and AIDS. The film is nominated for six Oscars - but is it a winner?

We discuss Hanif Kureishi's latest book, *The Last Word*. A tale of two men, an old novelist and his young biographer who comes to stay, so what does it reveal about writers and the art of writing?

Abi Morgan's new play *The Mistress Contract* is based on the 30 year arrangement of one couple - she provided sexual services to him, in exchange he provided her with a home and an income. But does a drama about their unconventional relationship shed any light on sex, sexuality or the impact of feminism?

Turner Prize winning sculptor Richard Deacon has worked over the last four decades with materials as diverse as steel, oak, laminates, marble and leather. What will visitors to a new exhibition of his work at Tate Britain make of the way he has combined the industrial with the organic?

And *Inside Number 9* is the latest offering in the 'Horror Com' genre that Steve Pemberton and Reece Shearsmith have made their own. How will their six new tales of the unexpected fare?

Tom Sutcliffe is joined by Miranda Carter, Lesley Lokko and Adam Mars-Jones.

Presenter: Tom Sutcliffe
Producer: Ruth Watts.

SAT 20:00 Archive on 4 (b03tr295)
John Tavener

Sir John Tavener became a popular composer of classical music. Sir Nicholas Kenyon explores how he achieved this, through archive and through conversation with Lady Tavener, in her first interview since her husband's death, and with Tavener's friends. These include the cellist Steven Isserlis, the oboist Nicholas Daniels, and Martin Neary, Organist and Master of the Choristers at Westminster Abbey at the time of Princess Diana's funeral, when Tavener's *Ode to Athene* accompanied her coffin from the Abbey and brought his music to a wider public.

Producer Marya Burgess.

SAT 21:00 The Barchester Chronicles (b03sg4s2)
Anthony Trollope's Barchester Towers

The New Bishop

1 of 3: The New Bishop
by Anthony Trollope; dramatised by Nick Warburton

Four years have passed since Mr Harding was forced to relinquish the wardenship of Hiram's Hospital. Now the cathedral town of Barchester is changing again, with the arrival of a new Bishop, his wife and Chaplain from London throwing all Barchester into disarray. And Eleanor Bold is to meet them all and discover a potential rival in the beautiful but lame Madeline Neroni.

Music composed by David Tobin, Jeff Meegan and Julian Gallant

Directed by Marion Nancarrow

Barchester Towers is the sequel to *The Warden*. Starting 4 years later, it follows Mr Harding, his daughter Eleanor and his son-in-law, Archdeacon Grantly. Mr Harding thinks he's found a sort of peace, having accepted that he's lost the Wardenship of Hiram's Hospital. But there's been a shocking occurrence between the two books which has had a profound effect on his younger daughter, Eleanor. And now the world of Barchester is to be rocked again, with the arrival of newcomers who threaten the sleepy tranquillity of the cathedral town.

The Barchester Chronicles is Anthony Trollope's much-loved series of witty, gently satirical stories of provincial life set within the fictional cathedral town of Barchester and the surrounding county of Barseshire. With a focus on the lives, loves and tribulations of the local clergy and rural gentry, the canvas is broad and colourful, with a wonderful set of iconic characters whose lives we become intimately involved in as they grow up, grow old and fall in or out of love and friendship across the years.

SAT 22:00 News and Weather (b03t00p8)

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

SAT 22:15 Moral Maze (b03sztyj)

Sochi

On Friday hundreds of millions of people around the world will tune in to watch the opening of the Sochi Winter Olympics in the Russia. International games like these are as much about being a showcase for the host nation as they are about sport. And the Russians are determined to impress. At a reported 51 billion dollars, these are the costliest Olympics - summer or winter - ever staged. But the spotlight has also fallen on Russia's laws on homosexuality. This week more than 50 current and former Olympians have called on the Russian authorities to repeal recently introduced anti-gay laws that forbid "gay propaganda" aimed at under-18s and that are said to have led to a wave of homophobic attacks. The athletes have also been joined by a coalition of 40 international human rights organisations which have criticised the International Olympic Committee (IOC) and multinational sponsors for not doing more to force the Russian president Vladimir Putin's administration to scale back the legislation. The Russian refusal to move on the issue has led to calls for a boycott of the games. Should we use sporting events to make a principled stance on issues such as this? Or are they just an empty gesture designed more to parade moral superiority than in any expectation of changing the law in Russia? If the sporting boycott of apartheid South Africa was effective why not apply the principle more widely, or are we as viewers too addicted to the spectacle and athletes too addicted to their own glory? When it comes to boycotts and the Winter Olympics where do we draw the line between moral principle and cultural relativism?

Combative, provocative and engaging debate chaired by Michael Buerk with Melanie Phillips, Michael Portillo, Giles Fraser and Matthew Taylor.

Witnesses are Dr Lincoln Allison, Peter Tatchell, Dr Andrew Fagan and Martin Cross.

SAT 23:00 Brain of Britain (b03srhz2)

(9/17)

The name of which chemical element derives from the Greek word for 'lazy'? And to which province of Canada does Cape Breton Island belong?

Russell Davies puts these and a plethora of other general knowledge questions to today's competitors, who come from Cardiff, Ayrshire, Northumberland and North Yorkshire. They're hoping to win a place in the 2014 semi-finals which begin in a few weeks' time.

Russell's questions cover history, music, science, literature, mythology, popular culture and more besides. There's also a chance for an ingenious listener to 'Beat the Brains' with questions of his or her own devising - with a prize on offer if the contestants' combined brainpower can't work them out.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b03srdhd)

Dreams and Sleep

Dreams and sleep people the poems that Roger McGough introduces this week, with works by DH Lawrence, Rose Macaulay, Norman MacCaig and others. Poets from across the centuries nudge up against each other, as they engage in a dialogue around the ways in which day dreams and deep sleep can stoke the imagination. The readers are Adjoa Andoh and Patrick Romer.

Producer: Mark Smalley.

SUNDAY 09 FEBRUARY 2014

SUN 00:00 Midnight News (b03tr3kj)

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

SUN 00:30 Jennifer Egan - Emerald City and Other Stories (b01gf4n8)

Spanish Winter

The next in our series of stories from 'Emerald City', the new collection by young American author Jennifer Egan, whose 'A Visit from the Goon Squad' went on to win the Pulitzer Prize for Fiction, and made her name as one of the best new writers to emerge in the past decade.

Today's story, 'Spanish Winter', is set in the shadows of the Alhambra, where a divorced woman tries to break free from the painful ties that bind, until a figure from her past forces her to rethink...

The Abridger is Miranda Davies

The Producer is Justine Willett

Reader: Madeleine Potter.

SUN 00:48 Shipping Forecast (b03tr3kl)

The latest shipping forecast.

SUN 01:00 Selection of BBC World Service Programmes (b03tr3kn)

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

SUN 05:20 Shipping Forecast (b03tr3kq)

The latest shipping forecast.

SUN 05:30 News Briefing (b03tr3ks)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b03tr7hf)

St Andrew's Church in Hurstbourne Priors, Hampshire

The bells of St. Andrew's Church, Hurstbourne Priors, Hampshire.

SUN 05:45 Four Thought (b03sztyl)

Series 4

Heaven Crawley

Heaven Crawley, Professor of International Migration at Swansea University, argues for compassion and curiosity in place of hostility in our attitude towards refugees and asylum seekers.

Four Thought is a series of thought-provoking talks in which the speakers tell personal stories that give rise to their thinking on the trends, ideas, interests and passions that affect culture and society.

Presenter: David Baddiel

Producer: Sheila Cook.

SUN 06:00 News Headlines (b03tr3kv)

The latest national and international news.

SUN 06:05 Something Understood (b03tr7hh)

Up in Flames

Fire is one of the most savage forces on Earth, yet burning something can also offer the hope of purging and rebirth. We might use fire therapeutically to burn love letters from a failed relationship, or to clear the decks for the start of a new year. Burning can be very liberating.

Samira Ahmed reflects on our ambiguous relationship with fire. She looks at the way nature uses fire to play a crucial part in natural regeneration and at the scared fires central to many faiths.

Erich Kästner, author of 'Emil and the Detectives', witnessed his own books being burned by the Nazis in 1930s Berlin. Samira Ahmed talks to Michael Rosen about the significance of this event. She also explores the scientific properties of fire with Dr Matthew Juniper of the University of Cambridge.

Featuring music by Sibelius, Jim Reeves and Kurt Weill and with words of writers including W.B. Yeats, Simon Armitage and Germaine Greer.

Producer: Caroline Hughes

A Whistle-down production for BBC Radio 4.

SUN 06:35 Living World (b03tr7hk)

Lepidopteran Winter

Each year Britain's butterflies and moths attempt to make it through the cold, dark and often wet winter months. Some species will spend the winter as eggs, others as caterpillars or pupae but some get a head start on the spring flowers by spending the winter as adults. Being at their largest and most conspicuous in a time of hunger for many insectivorous predators, is a risky strategy for butterflies. Richard Fox of butterfly conservation explains how Lepidoptera pass the winter months and takes presenter Chris Sperring to a winter hideaway for a group of adult peacock butterflies, which have some surprising strategies to keep predators at bay.

Produced by Ellie Sans.

SUN 06:57 Weather (b03tr3kx)

The latest weather forecast.

SUN 07:00 News and Papers (b03tr3kz)

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

SUN 07:10 Sunday (b03tr7hm)

Nick Clegg, Sochi and Bishops Palaces

Sochi Olympics and the extent to which Putin's new law on homosexuality reflects the views of church and people. Anastasia Uspenskaya reports from Sochi.

The row over the residence of the Bishop of Bath and Wells continues - we speak to the Archdeacon of Bath Andy Piggott

The Religious Dissenters' Graveyard in Exeter was last used in the mid nineteenth century. Now the land has been bought by a Trust, set up to restore the burial ground and reopen it to the local community. Sarah Swadling reports.

Head of the Mormon church has been summonsed by Westminster Magistrates to answer a charge of peddling fraudulent beliefs in order to extract tithes from church members. Edward Stourton speaks to Frank Cranmer, expert on religion and law.

Is Biblical literacy on the decline? Paul Wooley Executive Director of The Bible Society and Dr Kati Edwards from the University of Sheffield discuss.

Bob Walker investigates how legislation preventing Briton's from joining foreign conflicts is affecting Muslims travelling to Syria to give aid.

Deputy Prime Minister Nick Clegg has been in Manchester to engage with minority communities. Kevin Bocquet caught up with him.

Producer's
Carmel Lomergan
Rosie Dawson

Editor
Christine Morgan

Contributors

Anastasia Uspenskaya
Frank Cranmer
Nick Clegg
Arch Deacon Of Bath Andy Piggott
Executive Director of The Bible Society Paul Wooley
Dr Kati Edwards from the University of Sheffield.

SUN 07:55 Radio 4 Appeal (b03tr7hp)

Heart n Soul

A Radio 4 Appeal for Heart n Soul presented by Lilly Cook, a Heart n Soul participant and now a Trustee.
Reg Charity:1023467

To Give:

- Freephone 0800 404 8144

- Freepost BBC Radio 4 Appeal, mark the back of the envelope 'Heart n Soul'.

SUN 07:57 Weather (b03tr31l)

The latest weather forecast.

SUN 08:00 News and Papers (b03tr313)

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

SUN 08:10 Sunday Worship (b03tr7hr)

On the Way: A Spiritual Journey with St Columbanus

On the Way- a spiritual journey with St Columbanus

From the Church of St Columbanus, Bangor Co Down.

Led by Rev Alistair Morrison

Preacher: Canon Simon Doogan

Almost 1500 years ago, the Irish monk, Columbanus left the monastery in Bangor and went to Europe as a missionary. Today's service reflects on his life and journeying and on his significance for today.

Deuteronomy 1. 26-33

Acts 18 18-28.

SUN 08:48 A Point of View (b0313dw3)

Twitter-Free

Adam Gopnik explains his indifference to Twitter and social media. "After the introduction of a new device, or social media, our lives are exactly where they were before, save for the new thing or service, which we now cannot live without".

Producer: Sheila Cook.

SUN 08:58 Tweet of the Day (b03srfgn)

Grey Heron (Winter)

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

Chris Packham presents the grey heron. Winter can be a challenging time for grey herons. In freezing conditions, their favoured food supplies of fish and amphibians are locked beneath the ice and prolonged spells of cold weather can be fatal for these birds.

SUN 09:00 Broadcasting House (b03tr7ht)

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

SUN 10:00 The Archers Omnibus (b03tr7hw)

Clarrie fears the future. Meanwhile Helen makes a fresh start.

SUN 11:15 Desert Island Discs (b03tr7hy)

Dame Elish Angiolini

Kirsty Young's castaway this week is the lawyer Dame Elish Angiolini.

The first woman to become both Scotland's Solicitor General and Lord Advocate she's currently principal of St Hugh's College Oxford. It's a long way from Govan where her father heaved bags of coal round the streets and there wasn't always money for the meter. She was the youngest of four and by her own admission being "gabby" was the only way she got heard.

It's an early skill that seems to have served her pretty well - in the legal establishment she gained a reputation as a gutsy moderniser, unafraid to challenge the system. Among her innovations a pioneering support scheme for vulnerable victims and establishing the National Crimes Sex Unit for Scotland - the first of its kind in Europe.

Her predisposition to seeing things from the victim's point of view might have something to do with her own experience - in 1984 she was badly injured in a rail disaster that killed 13 others - including the two men sitting opposite her.

She says "... Advocacy is a great life skill. If you go to your bank manager asking for an overdraft, or if you barter at a market, you are employing advocacy skills. It is all about empathy and charisma."

Producer: Paula McGinley.

SUN 12:00 The Unbelievable Truth (b03srj01)

Series 12

Episode 6

David Mitchell hosts the panel game in which four comedians are encouraged to tell lies and compete against one another to see how many items of truth they're able to smuggle past their

opponents.

Henning Wehn, Graeme Garden, Jeremy Hardy and Victoria Coren Mitchell are the panellists obliged to talk with deliberate inaccuracy on subjects as varied as the British, beetles, the Clergy and novels.

The show is devised by Graeme Garden and Jon Naismith, the team behind Radio 4's I'm Sorry I Haven't A Clue.

Producer: Jon Naismith

A Random Entertainment production for BBC Radio 4.

SUN 12:32 The Food Programme (b03tr7j0)

Claudia Roden: A Life Through Food

In 1968 Claudia Roden published her first book, 'A Book of Middle Eastern Food', and with it introduced many people to an unfamiliar food culture.

When she arrived in Britain in the fifties, foods like hummus and pitta were nearly unheard of, and "to talk about food was a taboo subject". Things have changed. That these foods are now common-place and mainstream is in large part due to Claudia Roden's work.

Going on to write 'The Book of Jewish Food', 'The Food of Spain', 'Arabesque', 'Mediterranean Cookery' and others, and with a new edition of 'The Food of Italy' out next month twenty-five years after its first appearance, Sheila Dillon meets Claudia Roden. Sheila discovers a colourful and turbulent life in which food has meant so much, a life which has shaped a unique and powerful voice in food writing.

Claudia was born in 1936 into a family of Sephardic Jewish merchants, into a cosmopolitan Cairo that has, in the wake of the Suez Crisis, long since disappeared. This is the story of a family in exile and the power of food to sustain individuals and entire cultures.

With the help of Simon Schama, who is a long time admirer since coming across that first book as a young history teacher, Sheila Dillon charts a remarkable life in food.

Presented by Sheila Dillon

Produced by Rich Ward.

SUN 12:57 Weather (b03tr315)

The latest weather forecast.

SUN 13:00 The World This Weekend (b03tr7j2)

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 It's My Story (b03srj32)

Let Me In

Seymour is a serial offender in his late 40s. A few months after he was last released, he was seen on a bench outside a prison gate, head in hands, desperate to return. Within weeks he was back inside.

In prison he thrives. He fills his time with purposeful activity, gaining respect among fellow inmates and staff. Outside, without the protective regime, he falls into old habits.

Seymour has been locked up every year for the past decade, for sentences related to his crack cocaine habit. In prison, he gets clean and commits to change; out of prison, usually after a period of success, his addiction gets the better of him.

Once back on crack, it's only a matter of time. Although "gutted" when he ends up back inside, he usually acknowledges a sense of relief.

As his current sentence ends, Seymour shares his thoughts and experiences - through his final days in prison, then out on to the streets. Will he leave crime behind? What support will be available? Can he convince his family to trust him?

BBC Radio 4 has been recording Seymour's progress since Summer 2012 and Let Me In provides rare, first-hand testimony from a man full of hope, but also fear, as he struggles to define his place in the world.

Produced and narrated by Steve Urquhart

A Prison Radio Association production for BBC Radio 4.

SUN 14:00 Gardeners' Question Time (b03t37gt)

Portmeirion

Eric Robson and the panel visit the Italianate village of Portmeirion, North Wales. Answering questions from Hercules

Hall are Matt Biggs, Christine Walkden and Matthew Wilson.

Produced by Victoria Shepherd.

A Somethin' Else production for BBC Radio 4

This week's questions and answers:

Q. Our holly trees do not produce berries. Why would this be?

A. You may have males or only females in the area. It is unlikely to be climatic conditions causing the problem. Look at the flowers to work out whether they have anthers or stigmas. Alternatively, take a sample of your holly to an expert. You could go for J. C. van Tol because it is a self-pollinator.

Q. Dierama or Angels Fishing Rod can often start to look tatty. Is it ok to cut it back like other perennials?

A. Dierama has strap-like foliage and long, thin stalks which erupt with dancing pink and purple bells. Wait until the spring to take off any remnants. They don't like a lot of disturbance especially when the ground is damp. Generally leave tidying up until February. It is much better for the balance of your garden and the wildlife to leave things.

Q. What is the best method for applying seaweed? Bury it at the bottom of the rose beds, lay it down as fresh mulch, or add it to the compost?

A. Allow the rain to wash the salt off and put it onto the compost. It is a wonderful soil conditioner. It can look aesthetically odd if used fresh on the beds and will attract lots of flies. You can also steep it in water and use it as lawn feed. You will get an instant greening but make sure you really water it down as too strong a dose can cause damage.

Q. Could the panel suggest a quick fix for a sad and brown-looking bed which is often hit by southwesterly gales?

A. You need to introduce evergreen foliage and colour that will last throughout the season. Try Hellebores, Cyclamen or Bergenia Ciliata. At the back end try Schizostylis. Nerines would be ok if you planted them planted deep enough, about 6-9 inches (15-22cm), so that they establish themselves and the wind won't rot them. This depth is contrary to the usual advice, but it will protect them from being knocked over by the wind. Eonymus Silver Queen will provide structure and can be clipped into variegated spheres. Mediterranean planting will cope well in these conditions. Stipa Gigantea or the silver oat grass will grow to about 1.8 m tall and will look wonderful in the breeze. Beneath this you could use Artemisia Arborescens for its silver foliage. Ozothamnus is very fast growing or Ozothamnus Rosmarinifolius has foliage like a Rosemary. One variety you could try would be Silver Jubilee.

Q. Why do I have problems planting snowdrops?

A. It appears that you may not be planting them deep enough. The lack of depth combined with sandy soil suggests that they are drying out. Planting them at the end of the summer means that they won't have enough moisture. Try planting them in February or March. They also like a lot of organic material, so improve the soil and give them plenty of water.

SUN 14:45 Witness (b03tr7j4)

The Battle of the Carmens

At the 1988 Winter Olympics in Calgary, an East German, Katarina Witt, and an American, Debi Thomas, were vying for Gold in the ice dance competition. It was portrayed as a clash between East and West. Completely by chance they were both dancing to the same music, Bizet's opera, Carmen.

SUN 15:00 The Barchester Chronicles (b03tr7j6)

Anthony Trollope's Barchester Towers

Things Unsaid

2/3: Things Unsaid

by Anthony Trollope, dramatised by Nick Warburton

Dr Arabin is 40, an Oxford man and adversary in Archdeacon Grantly's fight against the odious clerical newcomer, Slope. Arabin, however, knows nothing of women. But now he's seen Eleanor Bold, looking out over the fields to Barchester.....

Director Marion Nancarrow

Music composed by David Tobin, Jeff Meegan and Julian Gallant.

SUN 16:00 Open Book (b03tr7j8)

Adam Foulds, Naomi Wood, David Park, Lindsey Davis, listeners' heroines

Adam Foulds talks to Mariella Frostrup about his latest novel In

the Wolf's Mouth, which follows the Allied troops through North Africa and into Sicily. He explores how the army inadvertently helped the return of the Mafia to that island and explains that for many, with the rise of the Mafia, the end of the Second World War was only the start of the troubles to come.

David Park and Naomi Wood discuss the challenging lives experienced by the partners of great writers and poets from the four Mrs Hemingways to the wives of William Blake and Osip Mandelstam.

Quick Reads was launched in 2006 to help to get people reading and to introduce them to the pleasures that fiction can bring. Lindsey Davis, one of this year's authors writing a bite sized novel, explains why she wanted to be part of this campaign and the challenges of writing a short book for non readers.

Mariella Frostrup hears from the Open Book listeners, as they share their favourite heroines.

Producer: Andrea Kidd.

SUN 16:30 Poetry Please (b03tr7jb)
Islands and High Seas

Poems that evoke distant islands and the delights and dangers of the high seas sail through this show, with Roger McGough at the helm. Works by Auden, UA Fanthorpe, Ogden Nash, Kipling and others are read by Adjoa Andoh and Patrick Romer.

Producer: Mark Smalley.

SUN 17:00 File on 4 (b03szh9m)
Cut-Price Care

Ministers have promised a new focus on home care for the elderly and disabled amid concern that 15-minute calls and a low-paid, underskilled workforce are leaving vulnerable people at risk.

From this Spring, inspectors will ask how councils' commissioning practices are affecting the daily lives of those they care for. But with authorities under pressure simultaneously to cut costs, will quality continue to suffer?

Fears have been mounting about whether the basic needs of vulnerable people are being met. The government's human rights watchdog has been pressing the issue, along with tax officials who say many companies are breaching minimum wage legislation.

This week File on 4 reports on the results of its own survey of local authorities in England. Have councils increased spending to keep pace with inflation in the past few years, or have they actually driven down costs? And are they providing even the most basic level of resources that social service chiefs say are needed to keep those in their care safe and well?

Reporter: Fran Abrams
Producer: Emma Forde.

SUN 17:40 From Fact to Fiction (b03tr28z)
[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b03tr3l8)
The latest shipping forecast.

SUN 17:57 Weather (b03tr3lb)
The latest weather forecast.

SUN 18:00 Six O'Clock News (b03tr3ld)
The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b03tr819)
From Tobermory to Iceland, New Orleans to Botswana Pick of the Week is a cultural smorgasbord this week, and rich in sounds - of birds, whistling, and rap. And it might make you think too: how would you tell your child the guinea pig had died? Would you tell white lies to get an interfering in law to cut short a visit? Would you return a hired van if you knew there could be a snake loose in it? Music, mayhem and mirth - all

Sheffield: City of Snowless Skiers (11am 3rd Feb - Radio 4)
The Tuffers and Vaughan Cricket Show (7pm 5th Feb - 5 Live)
Will Carlos Acosta Get to the Pointe (11:30am 6th Feb - Radio 4)

The Black Liberace (11:30am 4th Feb - Radio 4)
It's My Story (1:30pm 9th Feb - Radio 4)
Nature: Islands of Ice and Fire (11am 4th Feb - Radio 4)

Tweet of the Day: The Great Bustard (5:58am 3rd Feb - Radio 4)
The Verb (10pm 7th Feb - Radio 3)
Book of the Week (9.45am - Radio 4)
The Great War of Words (9am 4th Feb - Radio 4)
Classic Serial: Anthony Trollope's Barchester Towers (9pm 8th Feb - Radio 4)
2525 (11pm 4th Feb - Radio 4)
Dilemma (6:30pm 4th Feb - Radio 4)
Afternoon Drama: The No. 1 Ladies' Detective Agency (2:15pm 5th Feb - Radio 4).

SUN 19:00 The Archers (b03tr81c)
Kenton complains about his overcrowded wardrobe. Jolene's old stage clothes are in the way. He suggests she get rid of a few items. Surely they don't fit any more. Offended Jolene insists she needs them but agrees to move them elsewhere.

Miserable Tony wants to be left alone to his work, to Pat's frustration. Rob calls Pat asking to meet.

At the Bull, Rob asks to watch the rugby on the big screen later. He's planning to bring Helen and Henry. Kenton tries to sell Rob on his Valentine's dinner but they have other plans. Slightly confused, Rob points out that the poster advertises a singles night. Kenton accuses Jolene of sabotaging his poster, but she insists she just added to it.

Susan and Neil are back from their holiday. They tell Emma all about their wonderful escapades. Emma has some news of her own - Helen's moved in with Rob.

Rob tells Pat and Tony that he really wants to prove his commitment to Helen. He asks if they will babysit so that Rob can take Helen out for an early Valentine's meal. After all, they must be missing Henry since they moved. Surely they all want to make Helen happy, so he'd be enormously grateful if they'd do him this favour.

SUN 19:15 Kerry's List (b01s46vd)
Series 1

Episode 1

The first in a four-part sketch show co-written by and starring comedian and actress Kerry Godliman.

Kerry is a married mother of two, a stand up comedian and has two children. Her life can only properly function with her daily list - if she didn't compile this vital list, her life would simply fall apart.

Each week, this series looks at a different list and delves into Kerry's madcap world by looking at various elements of that week's list in sketches, narrative and stand up.

In this first episode, Kerry's List includes avoiding eBay, de-scaling the kettle, looking good and being romantic for Valentine's Day, buying jeans, retrieving an asthma pump from the Hoover, toning her upper arms and reviewing the plumber!

Joining Kerry is her husband Ben (played by her real husband Ben Abell) and her five year old daughter Elsie (played by Melissa Bury) together with a range of bizarre characters - including an enthusiastic council environment worker, some disgruntled satsumas, a bored therapist, a Fairy Jeanmother and a very keen gym instructor.

Any busy parent who's ever compiled a list of their own will relate to Kerry Godliman's incident filled world.

The cast includes David Pusey (who co-wrote the series), Bridget Christie, Lucy Briers, Rosie Cavaliero and Nicholas Le Prevost.

Kerry Godliman is fast establishing herself as a highly skilful stand up comic and actress, from her recent appearances on Live at The Apollo (BBC 1), Derek (C4) and Our Girl (BBC 1).

Producer: Paul Russell
An Open Mike production for BBC Radio 4.

SUN 19:45 Shorts (b03tr81h)
Series 13

Egg and Cress

Scottish Shorts, the best writing from Scotland.
Egg and Cress by Melissa Reid
A disappointing sandwich is the start of a slow unravelling for a put-upon mother. Reader Laura Smales. Produced by Eilidh McCreadie

Melissa Reid is working towards a Creative Writing PhD and is writing her first novel - a story for young adults set in the North of Scotland.

SUN 20:00 Feedback (b03t37jx)
BBC Radio News is becoming too tabloid. That's one of the accusations from some listeners who think the coverage of celebrity affairs and accusations of sexual abuse by former entertainers is given disproportionate time in comparison with 'serious' updates from Syria, for example.

This week, Roger Bolton visits the BBC Newsroom in the shiny, one-year-old New Broadcasting House in London, to find out who sets the news agenda and why. He'll be speaking to the Editor of the BBC Radio Newsroom, Richard Clarke.

Roger will also be asking why BBC Radio 4 news bulletins revealed the results of BBC One's Fake or Fortune before the programme was broadcast - much to the disappointment of many Feedback listeners.

We'll also be speaking to the BBC's Chief Economics Correspondent, Hugh Pym, about what makes a top story. And joining BBC newsreader Zeb Soanes to find out what happens when it all goes wrong minutes before he's about to read a bulletin.

And is Ambridge Extra taking off its wellies for good? Some of your reactions to the news that The Archers spin-off will be taking a rest.

Producer: Karen Pirie
A Whistle-down production for BBC Radio 4.

SUN 20:30 Last Word (b03t37gw)
Philip Seymour Hoffman, Jose Sulaiman, Anna Gordy Gaye, Ron Hall, Peter Austin

Matthew Bannister on

The stage and screen actor Philip Seymour Hoffman. His roommate at drama school talks about his relentless focus on his craft and obsession with dissecting the movies of Robert De Niro.

Also: the journalist Ron Hall - a key member of the Sunday Times Insight investigative team. Former editor Sir Harold Evans pays tribute.

Anna Gordy Gaye - sister of Motown Records founder Berry Gordy - who played a key role in the label's foundation and married Marvin Gaye. Smokey Robinson shares his memories.

Jose Sulaiman, the colourful President of the World Boxing Council, who is credited with reforming the sport's rules.

And Peter Austin, a pioneer of the micro brewery industry, famous for his Old Thumper ale.

SUN 21:00 Money Box (b03tqxb1)
[Repeat of broadcast at 12:00 on Saturday]

SUN 21:26 Radio 4 Appeal (b03tr7hp)
[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b03srj6m)
The Philosophy of Russell Brand

In a recent Newsnight interview, the comedian Russell Brand predicted a revolution. His comments entertained many and became the most-watched political interview of 2013. But between the lines, Brand was also giving voice to the populist resurgence of a serious but controversial idea: anarchism.

The new "anarcho-populism" is the 21st century activist's politics of choice. In evidence in recent student protests, the Occupy movement, in political encampments in parks and squares around the world, it combines age-old anarchist thought with a modern knack for inclusive, consumerist politics.

Brand's interview was just one especially prominent example. The thinkers behind the movement say it points the way forward. Jeremy Cliffe, The Economist's Britain politics correspondent, asks if they are right?

Producer: Lucy Proctor.

SUN 22:00 Westminster Hour (b03tr882)
Weekly political discussion and analysis with MPs, experts and commentators.

SUN 22:45 What the Papers Say (b03tr884)
Zoe Williams of the Guardian looks at how newspapers covered the week's biggest stories.

SUN 23:00 The Film Programme (b03szxd9)

The Invisible Woman; Dallas Buyers Club; RoboCop; Philip Seymour Hoffman

Matthew Sweet talks to screenwriter Abi Morgan about The Invisible Woman, the tale of Charles Dickens' love affair with Nelly Ternan, starring Ralph Fiennes and Felicity Jones. Abi's previous work includes The Iron Lady and Shame, as well as television series The Hour. She describes the joy of working with the material of Claire Tomalin's biography and her mixed feelings about the great Victorian man of letters.

Jared Leto returns to cinema screens for the first time in six years with Dallas Buyers Club, a film already prominent in the 2014 awards season. Leto plays a trans gender woman and has been nominated for an Oscar as best supporting actor for the role. He explains what attracted him to the part and how he prepared for the transformation.

Gary Oldman, whose recent appearances include The Dark Knight Rises and Tinker Tailor Soldier Spy, discusses the remake of the 1987 part-machine thriller RoboCop. Set in 2028 Detroit, it explores the perils of the corporate world controlling policing. He also talks frankly about how little control actors have over their careers and Hollywood's current obsession with remakes.

And critic David Thomson remembers actor Philip Seymour Hoffman who has died aged 46. He was best known for films like Capote, Magnolia and The Talented Mr Ripley.

SUN 23:30 Something Understood (b03tr7hh)
[Repeat of broadcast at 06:05 today]

MONDAY 10 FEBRUARY 2014

MON 00:00 Midnight News (b03tr3mf)
The latest national and international news from BBC Radio 4. Followed by Weather.

MON 00:15 Thinking Allowed (b03sxtx5)
Numbers in Global Politics; Gay Rights and Religion in Belfast

The power of 'numbers' in global politics: Laurie Taylor talks to the economist, Lorenzo Fioramonti, about the hidden agendas which may underpin the use of statistics, affecting the way we deal with poverty and sustainability. Numbers are at the heart of debates on the GDP which drives our economies and the credit ratings which steer financial markets. But what is behind these numbers?

Also, pride and prejudice in Northern Ireland: The social anthropologist, Jennifer Curtis, discusses her research with Belfast's LGBT Pride Festival to explore religious groups' increasing support for gay rights since 2008. She's joined by Andrew McKinnon, an expert on the sociology of religion.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b03tr7hf)
[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b03tr3mh)
The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b03tr3mk)
BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b03tr3mm)
The latest shipping forecast.

MON 05:30 News Briefing (b03tr3mp)
The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b03trkbv)
A spiritual comment and prayer to begin the day with the Rev Dr Lesley Carroll.

MON 05:45 Farming Today (b03trkxb)
Horse exports, Wind/solar power, Help for flooded farmers

Charlotte Smith hears about a legal loophole which an animal welfare charity claims is allowing horses to be exported for meat. The Tripartite Agreement was set up to allow the free movement of racehorses between Britain, Ireland and France, but the lack of checks has left the system open to abuse. World Horse Welfare believes horses and ponies are being exported from Britain not for sport or as pets, but for meat. Defra has

promised to tighten the rules, but a BBC investigation has discovered that it's still being exploited. Diana Hare, editor of Inside Out East, talks through their findings with Charlotte.

We meet an ambitious young man who has set his sights on becoming a farmer. 19-year-old Alex Scourfield found it so difficult to find work, he put himself on Twitter, called himself 'Unemployed Farmer' and offering to go anywhere and do anything - as long as it was on a farm. His boldness paid off as he now has some lambing work in North Wales. Anna Jones meets Alex at home on the Gower Peninsula before he embarks on a new chapter as 'Employed Farmer'.

Charlotte kicks off this week's theme - wind and solar power - by discussing the arguments for and against with Dr Jonathan Scurlock, Chief Advisor on Renewable Energy and Climate Change at the NFU.

And following an amazing response to our report on Friday with James and Jenny Winslade, who had to evacuate their farm on the Somerset Levels, we have details of how you can help. If you're a farmer with food or bedding, or a haulier who could transport it, or you'd simply like to donate some money, please go the NFU website, which has details of all the charities and all the people co-ordinating help: nfuonline.com

Presented by Charlotte Smith and produced in Bristol by Anna Jones.

MON 05:56 Weather (b03tr3mr)
The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b03ths4v)
Chaffinch

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

John Aitchison presents the chaffinch. The name chaffinch refers to its habit of flocking in stubble fields, often in the company of other birds, to sort through the chaff for seeds. In less tidy times when spilled grain was a regular feature in farmyards and stubble was retained for longer periods, these winter flocks were widespread.

MON 06:00 Today (b03trkzb)
Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

MON 09:00 Start the Week (b03trkcl)
Irving Finkel on the Ark Tablet

Tom Sutcliffe looks at the role of the expert. The curator Irving Finkel decodes the symbols on a 4,000 year old clay tablet and discovers the instructions for the building of an ark. Harry Collins asks why attitudes towards scientific expertise have changed and looks to reassert the special status of science. Colin Blakemore is an expert in neuroscience and vision and he reflects on his part in the documentary, Tim's Vermeer, which explores the relationship between art and science. The playwright Hattie Naylor tells the story of an astronomer going blind who learns to see the wonder of the universe in a different way.

Producer: Katy Hickman.

MON 09:45 Book of the Week (b03trkc3)
The Almost Nearly Perfect People: The Truth about the Nordic Miracle

Denmark, the Happiest Country in the World

In a time where we have a fascination with all things Scandinavian, journalist Michael Booth's book sees the author embark on a revealing and humorous journey through all five of the Nordic countries to discover the secrets of their success.

In this series, five post-cards from each of the countries which challenge the often rose-tinted view of this part of the world offered up by the Western media. Along the way, a more nuanced, often darker picture emerges of the region - it isn't always easy being Nordic.

First up the Danes – consistently rated as the happiest people on earth and yet they pay the highest taxes.

Reader: Gunnar Cauthery
Abridged by Richard Hamilton
Produced by Gemma Jenkins

MON 10:00 Woman's Hour (b03trkc5)
Katy B: Why we cheat on our partners; Growing up in care

Katy B's back with a brand new album Little Red - the long awaited follow up to her hugely popular debut On a Mission. She talks to Jane Garvey about "growing up" her career so far and performs "Crying For No Reason" from the album live in the Woman's Hour Studio.

It's estimated that more than a 100,000 women served as nurses in WW1, often on the Front Line. One, Elsie Knocker, was a British nurse who joined the Belgian army, setting up an advance first aid post in the cellar of a house close to the fighting. Later known as Baroness de T'Serclaes, she described her war work when talking to Woman's Hour in 1964. Plus we look at the trauma nurses experienced as a result of serving at the front.

Over 30 years ago, aged just 9 Jenny Molloy walked into a London Police Station with her younger brothers and asked to be taken into care. Referring to herself as a 'care leaver in recovery' Jenny, now a grandmother, talks about growing up in children's homes but still visiting her alcoholic parents and the impact that's had on her as an adult. And we explore the importance, or not, of keeping links with your birth family.

Plus Why Men REALLY Cheat: The Psychological Secrets of Male Infidelity. Is your man a "Chameleon" or a "Manipulator". By identifying which category your partner fits is it possible to understand why they're cheating or even perhaps to avoid getting involved with them in the first place. Is it possible pre-empt an affair? Does the same mixture of psychological and environmental factors encourage women to cheat too?

Presented by Jane Garvey.
Edited and Produced by Beverley Purcell.

MON 10:45 15 Minute Drama (b03trmlp)
Craven: Series 4

Episode 1

When two boys find the body of teenager Florence Henderson hanging from a tree in a wood, they post a photo of her suspended body to Facebook - alerting police and family.

Meanwhile, the annual Performance Review is keeping Craven (Maxine Peake) and her team, Watende Robinson (Michael Obiora) and Terry Bird (David Crellin), on their best behaviour - the last thing they need is a case which becomes high profile before they even get to the scene.

The apparent lynching-style of the crime alarms the police. Lance Darcy, a local amateur horror film maker, is questioned alongside Florence's school mates and her distant father, Mark Henderson.

Each day throughout this series, additional scenes are carried on into films available on BBC iPlayer and the Radio 4 website. Today, we delve into the lives of the boys who discover Florence's corpse.

Created by Amelia Bullmore
Written by Michelle Lipton

Executive Producer: Nicola Shindler
Sound Engineer / Sound Designer: Eloise Whitmore
Police Consultant: Keith Dillon
Catherine Ames: Production Assistant

Director / Producer: Justine Potter
A Red Company production for BBC Radio 4.

MON 11:00 Cappuccino Careers (b03trmlr)
Episode 1

The Mapperley Costa coffee branch opened a year ago, an opening which hit the headlines when 1700 desperate job hunters applied for just eight positions. Radio 4's Peter White has been tracking the progress of those who did secure work and speaking to some of those who did not: did this prove to be a lucky break or a lucky near-miss and what kind of or career, if any, is available in UK's growing network of coffee chains?

The Costa story was seen as highlighting the effect of recession in the East Midlands, an area with 178,000 out of work and high streets badly hit by the collapse of chains like Comet, Clinton Cards and Jessops. Among those who tried - and failed - to secure the coveted barista jobs were accountants and managers with many years of experience. Times have definitely changed, says area manager, Sham Ramparia: once these kinds of jobs were seen as easy to walk in and out of but he is looking for skill, experience, personality and "a real passion for coffee."

Peter follows Sham as he sifts through application forms, highlighting those peppered with errors, spelling mistakes and inaccuracies. He believes schools could do far more to prepare youngsters for the reality of job hunting and even degree students sometimes fail to grasp of what potential employers might be looking for. As well as many who fall at the early

stages, there are some who get as far as being offered jobs on a trial basis but who opt out of the trail - sometimes after less than an hour or so!

As the eight settle into their new roles Sham thinks he has spotted management potential in a couple of them - two 26 year olds, Steve Tomlinson and Heather Davies, who says she has so much passion for coffee "it's unbelievable" Other couples shine out for perhaps less welcome reasons: two workers, Chelsea and John, are in love and plan to spend their first wage checks on a first holiday together abroad. Before long Chelsea is abandoning her plans for University in favour of staying put in the Nottingham suburb of Mapperley, an idea which surprises Sham: "I have said to her she should go to University, get her degree and if she wants to she can always come back."

For Steve the Costa job and the chance of being fast-tracked for a management post comes after two years spent on benefits, a time when he sent out hundreds of unsuccessful job applications. He left school at 16, a decision he bitterly regrets and lost his job as manager of a milkshake bar when the business collapsed. It was, he says, a very difficult and demoralising search for work: "I got very low through it. That's why I can't really believe that I got this job, but I think my passion for coffee just shone through. Everyone who knows me has seen a great change in me - there are things I now look forward to and plans I have for the future. This is my life and it's finally taking shape."

But behind the success stories there are still many who are still struggling and others who have yet to properly find their feet. Nineteen year old Christina Delfina was happy to get the Costa work but had her heart set on a job in the airport. When she left Costa to finally give that a go, she found that it didn't work out. Now she is back at the Mapperley Costa branch and reviewing her options. Gone is the blessed glow of those opening days and instead she struggles with what lies ahead: "I've never been lucky - perhaps because I don't expect much...I'm not sure now what I'll do or where I'll go, it's so difficult thinking of plans for your life."

MON 11:30 In and Out of the Kitchen (b03trnjd)
Series 3

The Funeral

Damien's peace is once again shattered when he is asked to do the food at the funeral of Anthony's maiden aunt.

But things become even more complicated when his literary agent is discovered behaving erratically in a branch of Paperchase and Damien has to look after him.

Meanwhile, Anthony must prepare a song to sing at the funeral.

Written by Miles Jupp.

Damien Trench Miles Jupp
Anthony MacIlveny Justin Edwards
Mr Mullaney Brendan Dempsey
Ian Frobisher Philip Fox
Anthony's Father Philip Fox
Policeman David Seddon
Anthony's Sister Priyanga Burford

Producer: Sam Michell

First broadcast on BBC Radio 4 in February 2014.

MON 12:00 You and Yours (b03trnjg)

Internet safety, supermarket bargains, fashion advice for men

As part of You and Yours week-long look at internet safety, we go onto the dark web to uncover how criminals strike deals online. Also - professors use an MRI scanner to show how we struggle to spot REAL supermarket deals, and men who don't want to try too hard can find the fashion advice they need with a mouse.

MON 12:57 Weather (b03tr3mt)

The latest weather forecast.

MON 13:00 World at One (b03tr3mw)

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

MON 13:45 A Brief History of Mathematics (b00ss1jg)

The Mathematicians Who Helped Einstein

This ten part history of mathematics from Newton to the present day, reveals the personalities behind the calculations: the passions and rivalries of mathematicians struggling to get their ideas heard. Professor Marcus du Sautoy shows how these masters of abstraction find a role in the real world and proves

that mathematics is the driving force behind modern science.

Today, the pioneering nineteenth century mathematicians who helped Albert Einstein with his maths: Jonas Bolyai, Nicolas Loachevski and Bernhard Riemann. Without the mathematics to describe curved space and multiple dimensions, the theory of relativity doesn't really work.

Producer: Anna Buckley

From 2010.

MON 14:00 The Archers (b03tr81c)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Drama (b014641w)

Hugh Hughes - Floating

On April 2nd 1982, the Isle of Anglesey separated from the mainland of Wales and floated off into the North Atlantic. Emerging artist Hugh Hughes and his friend Sioned, recount the story of this extraordinary geological event, and explain its personal significance.

Created and performed by Hugh Hughes and Sioned Rowlands with assistance from Shón Dale-Jones and Jill Norman.

Produced by James Robinson.

MON 15:00 Brain of Britain (b03trpzn)

(10/17)

Competitors from London, Buckinghamshire and Surrey join Russell Davies for the latest heat in the 2014 series of the prestigious general knowledge quiz. At stake is a place in next month's semi-finals and a chance to go forward to take the 61st Brain of Britain title.

Russell's questions cover everything from history and mythology, music and theatre, literature and popular culture, to medicine, the natural world, technology and geography. The time-honoured format couldn't be simpler: each question is worth a point and the contestant with the most points takes the semi-final place.

There's also a chance for a listener to win a prize by 'Beating the Brains' with ingenious questions of his or her own.

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b03tr7j0)

[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 With Great Pleasure (b03trq89)

Laurence Llewelyn-Bowen

Laurence Llewelyn-Bowen, interior designer, fine artist and broadcaster, chooses some of his best-loved pieces of writing to present to the audience at the BBC Radio Theatre, with the help of actors Geoffrey Whitehead and Sian Thomas. Readings are from The Lady of Shalott by Tennyson, The Golden Ass by Apuleius, The Leopard by Giuseppe Tomasi Di Lampedusa, Hints on Household Taste by Charles L. Eastlake and My Week with Marilyn by Colin Clark.
Producer Beth O'Dea.

MON 16:30 Beyond Belief (b03trq8c)

Yoga

Yoga is big business. Its worth \$10bn a year in America alone. Does the growth in yoga's popularity, particularly in the West, mean that its spiritual content and religious roots are being neglected? Can yoga be practised aside from these roots? Are there even dangers in doing so?

Ernie Rea is joined by Jim Mallinson from SOAS, University of London, Suzanne Newcombe from the charity Inform and Ramesh Pattni from the Hindu Forum of Britain.

MON 17:00 PM (b03trq8f)

Coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b03tr3my)

The latest national and international news from BBC Radio 4.

MON 18:30 Just a Minute (b03trq8h)

Series 68

Episode 1

The panel game in which the contestants are challenged to

speak for one minute without hesitation, deviation or repetition on any subject given to them by the legendary host Nicholas Parsons.

The players in this first episode are Gyles Brandreth, Tony Hawks, Fi Glover and Paul Merton. Subjects include 'Why Geese Fly In a V Formation' and 'Listening to Radio 4'.
Producer: Tilusha Ghelani.

MON 19:00 The Archers (b03trq8y)

Ruth's anxious to mark Pip's 21st birthday on Sunday. She just hopes the present arrives on time.

Kirsty admits to Helen that the process of house buying is tough, but they agree it's worth it. Helen excitedly reports that her parents must be starting to accept her relationship. They've agreed to babysit on her early Valentine's night with Rob.

Tetchy David is up to his ears with lambing. Ruth says that upset Jill unusually turned up at the pub on Friday. She's been badly shaken by the burglary.

Kirsty's surprised that Helen watched the rugby with Rob. Helen protests that it's important to share your partner's interests. Shopping with Helen, Kirsty spots a stunning, but expensive, wedding dress. Helen persuades her to try it on. It's beautiful. Kirsty's never worn anything like it before.

Ruth discusses her concerns for Jill with PC Burns. He says Jill will need to lean on her family for support. Ben's keen to call in and see Jill. Ruth's torn, but with the lambing and other work, they're just too busy today.

At Brookfield, Ruth and David have been fraught with lambing and Ruth has burned the dinner. Sitting between his arguing parents, fed-up Ben proclaims he hates lambing time.

MON 19:15 Front Row (b03trq90)

Armistead Maupin; Folio Prize shortlist; Her; Raphael Wallfisch

With John Wilson.

Armistead Maupin discusses The Days of Anna Madrigal, the ninth (and possibly final) instalment of his celebrated Tales of the City series of novels. Madrigal is reunited with the former tenants of 28 Barbary Lane, San Francisco, as they prepare to spend time at Burning Man, the avant-garde festival in Nevada. Transgender Anna is now 92, and determined 'to leave like a lady', and embarks on a road trip to the desert - to the brothel where she lived as a teenage boy.

Her is the romantic tale of a man (played by Joaquin Phoenix) who falls in love with the voice of his computer's operating system (the voice provided by Scarlett Johansson). Complications ensue when his feelings are reciprocated. Novelist Toby Litt delivers his verdict on this latest idiosyncratic movie from Being John Malkovich director Spike Jonze.

The inaugural shortlist of The Folio Prize was announced today. Chair of Judges, Lavinia Greenlaw, discusses the eight shortlisted books in the running for the £40,000 prize, which celebrates the best English-language fiction from around the world, regardless of form, genre, or the author's country of origin.

Cellist Raphael Wallfisch discusses his new CD of Jewish music, including Schelomo by Bloch, which he has dedicated to his grandparents who died in the Holocaust, and to his mother Anita Lasker-Wallfisch, who survived Auschwitz by playing the cello in the Auschwitz Women's Orchestra.

Producer Jerome Weatherald.

MON 19:45 15 Minute Drama (b03trmlp)

[Repeat of broadcast at 10:45 today]

MON 20:00 Nick Clegg: The Liberal Who Came to Power (b03trqgz)

Episode 1

What an extraordinary few years it's been for the LibDem leader, Nick Clegg, and his party. Once frequently dismissed as peripheral, even irrelevant, in May 2010 Britain's third party was suddenly propelled into the centre of power. At its helm: a man with only five years' experience as an MP who became Deputy Prime Minister in the first peacetime coalition for 80 years.

In this series Steve Richards talks to Nick Clegg himself and other senior LibDem figures about their rollercoaster ride in government, and assesses the party's prospects for the future.

Through in-depth interviews with insiders, we trace the key moments in this dramatic story:

The meteoric rise of Clegg himself, who went from MEP to DPM in little more than a decade. The abrupt transition from "Cleggmania" to becoming one of the most pilloried figures in public life.

The highs and lows of the UK's first experiment with coalition in modern political history. The heady first days, tuition fees debacle, AV referendum campaign, health reforms, election results, Lords reform row, and the increasingly bitter, fractious relationship between the coalition partners.

We explore Nick Clegg's leadership through turbulent times, assessing his political beliefs. How was a left-leaning party able to partner up with Conservatives with such apparent ease? What was the cost? And, with a hung parliament still very much in prospect in 2015, we show how Nick Clegg's politics and character could matter hugely to the future of British politics.

Producer: Leala Padmanabhan.

MON 20:30 Analysis (b03trqh1)
What is Wahhabism?

Since the 9/11 attacks on New York and Washington DC, the ultra-conservative Wahhabi branch of Islam has often been cited by critics and commentators as the ideology of Islamic extremists around the world today. But can 21st Century terrorism really be blamed on the teachings of this 18th Century sect?

In this edition of Analysis, Edward Stourton asks what is - and what isn't - Wahhabism? He explores the foundation of this fundamentalist form of Islam, the evolution of its interpretation in Saudi Arabia, and asks what power and influence it has across the globe.

Founded by the Arabian scholar Muhammad ibn Abd al-Wahhab, this form of Salafi Islam sought to purify the religion by returning to its original principles. Ibn Abd al-Wahab was part of a broader Muslim reform movement which promoted a return to the texts of the Quran and Hadith and, controversially, questioned the teachings of Islamic scholars of the day, who formed part of a chain of knowledge stretching back centuries.

What is said to be a very literal translation of Islam is now an inspiration for modern-day Muslim hardliners, who view a binary world of believers and non-believers, strict social rules and adherence to Sharia law - but how close is this to the teachings of Ibn Abd al-Wahhab?

CONTRIBUTORS

Shaykh Dr Usama Hasan, The Quilliam Foundation

Abu Khadeejah, Salafi scholar

Prof Natana DeLong-Bas, Boston College, Massachusetts

Prof Madawi Al-Rasheed, The London School of Economics and Political Science

Shaykh Ruzwan Mohammed, Sunni theologian

PRODUCER: Richard Fenton-Smith
EDITOR: Innes Bowen

MON 21:00 Nature (b03srqzk)
Series 8

Islands of Ice and Fire

In the first of new series of NATURE, we join wildlife sound recordist Chris Watson in Iceland. When it comes to dynamic landscapes, there's perhaps nowhere in the world more exciting than Iceland; with its vast groaning glaciers, spouting geysers, thundering glacial waterfalls, hissing thermal vents and erupting volcanoes - and it's the sounds of this landscape which Chris is keen to capture. Iceland is situated on a geological rift, the Mid-Atlantic ridge between the Eurasian plate and the North American plate. The plates are moving apart at a rate of 2cm a year. "Iceland is at least twice the size it was 10million years ago and is still growing" geophysicist Magnús Tumi Guðmundsson tells Chris. Then, just over 50 years ago when another island, Surtsey, erupted off the south west coast of Iceland. The eruption lasted for 3 years, and the creation of a new island offered scientists a unique opportunity to study the process of island colonisation. "The landing was amazing I can't describe the feeling, it's impossible" recalls Erling Olafsson, one of the first scientists to land on Surtsey "only three colours grey, brown and blue". In 2003 Chris was given permission to visit Surtsey "I remember the sounds of a newly established gull colony and seawash on a beach of jet black lava". The colony of Lesser Black-backed gulls have played a key role in facilitating the colonisation of the island by other species. "I can understand now, how a seemingly hostile volcanic island can give rise to new life" says Chris, and back on Iceland he is astonished by the density of birds on a hillside; snipe, whimbrel, redwing,

golden plover and redshank "At first, it's not apparent when you just look round, but what you really need to do is just listen".

Producer Sarah Blunt.

MON 21:30 Start the Week (b03trckl)
[Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b03tr3n0)
The latest weather forecast.

MON 22:00 The World Tonight (b03trqh3)
MPs to vote on banning smoking in cars carrying children;
The rhino horn trade - a special report;
Syria - the Russian perspective.
With Ritula Shah.

MON 22:45 Book at Bedtime (b03tzd9y)
Dubliners

Two Gallants

Naturalistic in style, 'Dubliners' depicts an array of characters, graduating progressively from childhood, through adolescence, to maturity, culminating in the final story, 'The Dead'. The stories each centre on the idea of a moment of epiphany, but are grounded in the minutiae of daily life. Stories of love, loss, con men, friendship, alcoholism, marriage, politics and family, combine to create a unified world, a celebration of a city, in the unparalleled prose of its most famous son.

Abridger: Doreen Estall
Reader: Stephen Rea
Producer: Stephen Wright.

MON 23:00 Sketchorama: Absolutely Special (b037v4g6)
Following the audience response to classic sketch group Absolutely's guest appearance on the second series of Radio 4's Sketchorama, this special edition is devoted to the reunion performance and features further, previously unheard material from the recording held in April 2013 at the Oran Mor venue in Glasgow.

The much-loved sketch group - consisting of Pete Baikie, Morwenna Banks, Moray Hunter, Gordon Kennedy and John Sparkes - recorded almost 45 minutes of material so this full half-hour show offers the opportunity to hear even more from Stoneybridge and Calum Gilhooley, as well as new sketches from other Absolutely characters such as Frank Hovis and The Old Lady Artist.

Producer: Gus Beattie.
A Comedy Unit production for BBC Radio 4.

MON 23:30 Today in Parliament (b03trqh5)
MPs consider an urgent question on the flooding crisis and vote to ban smoking in cars where children are present. In the House of Lords, peers consider immigration.

TUESDAY 11 FEBRUARY 2014

TUE 00:00 Midnight News (b03trqkq)
The latest national and international news from BBC Radio 4. Followed by Weather.

TUE 00:30 Book of the Week (b03trkct)
[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b03trqks)
The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b03trqkv)
BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b03trqkx)
The latest shipping forecast.

TUE 05:30 News Briefing (b03trqkz)
The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b03trrhq)
A spiritual comment and prayer to host the day with the Rev Dr Lesley Carroll.

TUE 05:45 Farming Today (b03trhrh)
Fishermen, Solar Panels, Fodder Donation

The recent stormy weather has caused problems not only for farmers, but also for the fishing industry. In Cornwall, some fishermen haven't been able to put out to sea for more than a month. We hear what that's meaning for their livelihoods and their future.

Big promises are being made about river dredging at the moment, but for some rivers it can be completely the wrong course of action. Anna Hill reports from the River Tud in Norfolk, where in places dredging has been counter-productive.

Continuing a week of programmes looking at wind and solar power on agricultural land, we hear from a farmer in Suffolk who's powering his production of rape seed oil and his broiler chicken unit using solar panels.

And we have the latest on the aid effort to get fodder to flood-hit farmers on the Somerset Levels.

Presented by Anna Hill and produced by Emma Campbell.

TUE 05:58 Tweet of the Day (b03ths74)
Wren

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

John Aitchison presents the wren. You'll often see the male wren, with its tail cocked jauntily, singing from a fence-post or shrub, bill wide and trembling with the effort of producing that ear-splitting territorial advertisement. It's the extrovert side of what can be an introvert bird that normally creeps, like a mouse, among banks of foliage or in crevices between rocks. They can live almost anywhere from mountain crags and remote islands to gardens and city parks.

TUE 06:00 Today (b03trrhj)
Morning news and current affairs with James Naughtie and Mishal Husain, including:

0715
Flooded homes along the River Thames are being evacuated and thousands more are at risk, with water levels expected to keep rising for the next 24 hours. Chertsey resident Alanna Burns and Chief Superintendent Matt Twist, borough commander for the flooded areas in north Surrey, discuss.

0730
Barclays profits for 2013 rose to £2.9bn, while adjusted pre-tax profits fell to £5.2bn. The bank's chief executive Antony Jenkins reacts to the figures and to the 10% increase in the bank's total bonus pool, which now stands at £2.38bn.

0740
Many parents are out of touch with the dangers faced by their children on tablets and smartphones, according to a poll by BBC Learning. Olympic gymast Beth Tweddle, involved in the Safer Internet Day campaign, discusses.

0750
Excessive drinking is costing the NHS in north-east England more than it does anywhere else in England per head. Today's Sima Kotecha reports from a brewery in Hartlepool.

0810
Flooded homes along the River Thames are being evacuated and thousands more are at risk, with water levels expected to keep rising for the next 24 hours. Today's Mike Thomson reports live from Berkshire, before Defence Secretary Philip Hammond speaks to presenter Mishal Husain.

0820
Is Jane Eyre a feminist icon? Sally Cookson, the director of a new interpretation of Charlotte Brontë's novel at the Bristol Old Vic, and writer Bea Campbell discuss.

0835
It's game over for the many fans of mobile application Flappy Bird after its Vietnamese creator removed it from online stores on Sunday. Technology journalist Rupert Goodwins gives his thoughts.

TUE 09:00 The Great War of Words (b03srqz9)
Episode 2

The arguments over who began the Great War have raged since the first shots were fired. Michael Portillo examines a fierce battle for meaning with high stakes.

All governments needed to convince their public that they had not begun this war of the world. Historians were immediately pressed into the national cause. Documents of state became weapons of propaganda but it was the coming of peace that

transformed the issue of responsibility into the burning question of war guilt.

Article 231 of the Treaty of Versailles assigned responsibility for the war to Germany and its allies essentially as way of making the case for reparations but the defeated people of the new German Weimar Republic saw the clause as a terrible judgement and bitterly resented it and the issue of reparations .

Defeat and horrific loss fostered powerful myths that would later become central to Hitler's appeal. Even before the war ended the myth of the 'stab in the back' was born in Germany. The idea that the war had not been lost on the battlefield but by betrayal at home. This & the inability to consider the role their nation had played in the outbreak and prosecution of the war would become corrosive narratives.

In the interwar years the German government and its historians devoted themselves to finding a way to revise history and undermine the Treaty of Versailles. A race to release documents and control the truth began. Across Europe and America others began to question these issues of responsibility. A new understanding of the causes of the war grew- no one had been to blame.

Then, in the 1960's, the work of German historian Fritz Fischer blew any consensus apart. And now, a century on, can historians agree and should the issue of responsibility for the war have any residual power?

Producer: Mark Burman.

TUE 09:45 Book of the Week (b03trs0m)

The Almost Nearly Perfect People: The Truth about the Nordic Miracle

Modern-Day Icelanders and their Viking Past

Iceland and the part the Viking spirit played in the country's response to the 2008 financial crash.

In a time where we have a fascination with all things Scandinavian, journalist, Michael Booth's book sees the author embark on a revealing and humorous journey through all five of the Nordic countries to discover the secrets of their success.

Reader: Gunnar Cauthery
Abridged by Richard Hamilton
Produced by Gemma Jenkins

TUE 10:00 Woman's Hour (b03trs76)

Duchess of Cornwall on Shakespeare; Women in comedy; Teaching consent; Living to Over 100

The Duchess of Cornwall gives her verdict on young performers at the Shakespeare Schools Festival, which offers students from all backgrounds the opportunity to perform on their local professional stage. We discuss the benefits of performing Shakespeare for children today.

A recent proposal to make teaching consent in schools in England compulsory was rejected by the House of Lords, but campaigners argue that at a time when teenagers have easy access to porn, it is vital that they are educated about sexual relationships, consent and abuse.

The Director of BBC Television says there be at least one woman on every BBC TV Panel show. So are quotas on entertainment shows a good idea or should it be all about the quality of the talent?

Life expectancy for girls has officially broken the 100-year barrier for the first time according to Public Health England. So how should young women be preparing for their future and what might that future look like?

TUE 10:45 15 Minute Drama (b03tts15)

Craven: Series 4

Episode 2

Craven is diverted from Macca's news that he is seriously ill, by the high profile case of Florence Henderson - the teenage who was found hanging in a park and her picture posted to Facebook.

Unfortunately the first thoughts that her suspicious death was a lynching are revealed to be far from the truth and the trail is far reaching.

Each day throughout this series, additional scenes are carried on into films available on BBC iPlayer and the Radio 4 website. In today's film, Terry goes to meet Florence's fellow pupils, but is he the right man for the job?

Created by Amelia Bullmore

Written by Michelle Lipton

Sound Engineer / Sound Designer: Eloise Whitmore
Police Consultant: Keith Dillon
Production Assistant: Catherine Ames

Executive Producer: Nicola Shindler

Director / Producer: Justine Potter
A Red Company production for BBC Radio 4.

TUE 11:00 Nature (b03trs78) Series 8

Arctic Terns at 66 Degrees North

In the second of three programmes recorded in Iceland, wildlife sound recordist Chris Watson goes in search of Arctic Terns, which travel here from Antarctica to breed; the longest regular migration of any animal. Some birds travel even further to the Arctic Circle, and so on the summer solstice, Chris takes a 3 hour ferry journey from the mainland to the island of Grimsey which lies on the Arctic Circle to record some of these remarkable migrants. Scientists are becoming increasingly concerned about the number of breeding colonies which have failed in Iceland in the past decade and Chris hears about the reasons why and what steps need to be taken to help the situation. Often called Sea Swallows because of their overall shape long tail feathers, Arctic terns are very protective of their eggs and young and aggressive as Chris discovers when he tries to record in their colony. He also comes across Arctic terns inland at Lake Myvatn, the 'Lake of Flies' "and its very aptly named. I had to wear a head net in June as tens of thousands of flies swarmed around me the moment I set foot outdoors". After recording the haunting songs of red throated divers, long tailed ducks and black-tailed godwits, Chris watches Arctic terns swooping down to pick off flies along the road which the adults can feed on. The programme also reveals how with the latest technology scientists have gained a fascinating insight into the exact migration routes of these birds; "We discovered new stopover areas, we discovered a new southern route but overall the sheer scale of this migration was what was most impressive to us " says Iain Stenhouse, one the scientists working on this project. "These birds are not just Olympic athletes they are spatial geniuses as well".
Producer Sarah Blunt.

TUE 11:30 I've Played in Every Toilet (b03trs7b)

John Harris visits some of Britain's surviving small music venues and asks what will happen if they disappear altogether.

All over the UK, small music venues are threatened with closure, or have already gone out of business. Many of them have hosted gigs by truly legendary names and were once securely built into the so-called 'toilet circuit', which allowed promising musicians to take their first tentative steps on the national stage. Without them, we may not have heard from Coldplay, Oasis, Blur - or such contemporary talents as The Vaccines and Mumford and Sons. But crushed by powerful landlords and the rising expectation that music - whether live or recorded - should be free, these places are struggling as never before.

John's journey takes in The Forum in Tunbridge Wells, once an actual public toilet, which has survived over the last 20 years because the volunteers that run it haven't profited from the business. He also travels to Hull to visit the Adelphi Club, a semi-detached house on one of the city's residential streets which has hosted bands such as Pulp, Green Day and Radiohead. Manager Paul Jackson says things have been tougher than ever for the venue, but he's determined to carry on.

Finally John visits Newport, once home to the legendary TJ's where Kurt Cobain famously proposed to Courtney Love. Speaking to the daughter of the former owner John Siculo and Nicky Wire from Manic Street Preachers, he finds out what happens when a town loses its beloved venue.

He also speaks to BBC DJ Steve Lamacq and journalist Kate Mossman to consider how - without these venues run on a mix of hope and blind faith - we will discover the next generation of musicians.

Producer: Simon Jacobs

A Unique production first broadcast on BBC Radio 4 in February 2014.

TUE 12:00 You and Yours (b03trs7)

Call You and Yours: Internet Safety

How much do we know about our children's online lives? Just under half of all teenagers have smartphones according to OFCOM. So how do we manage what they look at? The NSPCC has warned abuse via the internet and mobile phones is

one of the biggest child protections issues facing children today. So how do we protect them? As part of the BBC's coverage of Safer Internet Day we'll be joined by a panel of experts, a live studio audience and children from schools in the North East. We'll hear stories of children affected, what charities are doing to help and who is taking responsibility.

You can call with your questions for the panel on 03700 100444 Text us on 84844. Email yourandours@bbc.co.uk. Or talk online #youandours

And for guidance on how to help your family stay safe online, particularly for tablets and mobile phones, please visit the BBC Webwise website...www.bbc.co.uk/webwise.

TUE 12:57 Weather (b03trq11)

The latest weather forecast.

TUE 13:00 World at One (b03trq13)

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

TUE 13:45 A Brief History of Mathematics (b00ss1j0)

Georg Cantor

This ten part history of mathematics from Newton to the present day, reveals the personalities behind the calculations: the passions and rivalries of mathematicians struggling to get their ideas heard. Professor Marcus du Sautoy shows how these masters of abstraction find a role in the real world and proves that mathematics is the driving force behind modern science.

Today, Georg Cantor, the mathematician who showed us how to carry on counting when the numbers run out. An insight into the nature of infinity that Roger Penrose believes helps to explain why the human brain will always be cleverer than artificial intelligence.

Producer: Anna Buckley

From 2010.

TUE 14:00 The Archers (b03trq8y)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Dangerous Visions (b02x66zn)

Ed Harris - Billions

by Ed Harris

One of three plays nominated as Best Single Drama at the BBC Audio Drama Awards 2014.

Mark's wife Donna has an accident and ends up in a life-threatening coma. But when he comes home from hospital, Donna is in the kitchen. Not Donna, in fact, but a near-perfect replica provided by her insurance company.

Award-winning writer Ed Harris tells a wickedly twisted tale of love - and adjustments.

Producer/Director ... Jonquil Panting.

TUE 15:00 The Kitchen Cabinet (b03ts4fc)

Series 6

Norwich

Jay Rayner and the team are in Norwich for this episode of the culinary panel programme.

Answering questions from the audience are resident food historian Dr Annie Gray, Catalan cuisine specialist Rachel McCormack, Scottish-Indian fusion chef Angela Malik, and 2011 Masterchef-winner Tim Anderson.

Surrounded by the grandeur of the Norwich Assembly House, the panel share memorable buffet experiences, discuss the historic relationship between food and romance, and take a look at the long tradition of mustard growing.

We also find out why parsnip season is something to get excited about, how to cook the perfect risotto and what to do with a large piece of belly pork.

Food Consultant: Anna Colquhoun.

Produced by Victoria Shepherd.
A Somethin' Else production for BBC Radio 4.

TUE 15:30 Costing the Earth (b03ts4ff)

A Toilet for the 21st Century

There are 2.5 billion people living on the planet without access to basic sanitation.

As a result hundreds of children die from diseases such as diarrhoea every day, and women and children risk personal safety when they perform the simplest of human functions.

In this week's Costing The Earth Dr Kat Arney looks at ways to allow everyone to have access to safe, clean, environmentally friendly toilets.

She visits a toilet festival in London to find out about toilet designs that can be applied to every environmental condition across the globe: toilets that require no water, toilets that can turn waste into an asset in the form of fertiliser and toilets filled with waste-eating worms in a quest to design a toilet for the 21st Century.

Presenter: Dr Kat Arney
Producer: Martin Poyntz-Roberts.

TUE 16:00 The Design Dimension (b03ts4fh)
Series 1

Design and Damage

Design is one of the most powerful forces in our lives. None of us can avoid its influence. It's a ubiquitous element of our world that determines how we feel, what we do and whether we succeed or fail. In this new four-part series, the architectural writer Shumi Bose explores its power to affect us, for better and worse.

In each episode of 'The Design Dimension' Shumi charts a different aspect of our relationship to design - desire, damage, choice and, finally, truth.

In this second episode, Shumi discovers how design can protect our cities, our homes and our bodies from the threat of damage. We hear from the first recipient of a bionic hand in the UK, along with its designer, and find out what qualities an architect and a burglar have in common and how this should affect how we build.

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

TUE 16:30 A Good Read (b03ts4fk)
Daniel Finkelstein and Jill Paton Walsh

Journalist Daniel Finkelstein, Baron Finkelstein of Pinner, and writer Jill Paton Walsh, reveal their favourite books to presenter Harriett Gilbert.

Daniel Finkelstein, Associate Editor, columnist and leader writer for The Times, was also an adviser to John Major and William Hague. He recommends Influence: The Psychology of Persuasion by Robert B Cialdini. It's a book that he says has changed the way he looks at people and situations.

Novelist Jill Paton Walsh has written many books for children and adults, including the Booker Prize-shortlisted Knowledge of Angels and detective fictions that continue Dorothy L. Sayers's Peter Wimsey series. Her choice is another factual book: What Money Can't Buy: The Moral Limits of Markets by Michael J. Sandel.

And Harriett Gilbert's pick is The Van by Roddy Doyle, which provokes a heart-felt argument about the merits of fiction as opposed to non-fiction. Which tells a greater truth?

Producer Beth O'Dea.

TUE 17:00 PM (b03ts4fm)
Full coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b03trq15)
The latest national and international news from BBC Radio 4.

TUE 18:30 Dilemma (b03ts4fp)
Series 3

Episode 2

Sue Perkins puts Tony Law, Isy Suttie, Gemma Cairney and Tim Harford through the moral and ethical wringer.

The panellists collectively attempt to resolve dilemmas based around footballing allegiance, supermarket deliveries, getting free 4G technology and a career in statistics.

Devised by Danielle Ward.

Producer: Ed Morrish.

First broadcast on BBC Radio 4 in February 2014.

TUE 19:00 The Archers (b03ts4fr)

Jolene confronts Kenton. What's he done with her stage outfits? He assures her he's stored them carefully in the basement store.

Jazzer's impressed by the attractive woman handing out flyers for the Valentine's singles night. A hunk was doing likewise in Borchester, so Jazzer assumes the place will be rocking with talent. He'll be there! Kenton can't believe Jolene's leafleting tactics.

Even though Kenton thinks the Carters are now rich, he tries to persuade Neil to bring Susan on Valentine's Day for the special couples deal.

Kenton asks uncomfortable Neil upstairs for his opinion on appropriate Valentine's music. They're interrupted by Jolene. Surprised to see the two of them listening to smoochy tunes, she reminds Kenton there's a pub to run.

Cheery Susan gives Clarrie a bracelet from St Lucia. Susan waxes lyrical about her trip but eventual notices that Clarrie isn't her usual self. Clarrie admits she's upset Susan didn't tell her, her best friend, about her lottery win. Realising Clarrie's got the wrong end of the stick, Susan asks how much Clarrie thinks she won.

When she realises her mistake, Clarrie laughs and apologises. Susan's determined to make everyone realise it was only £4500. Clarrie's biggest worry was Susan moving somewhere posher. Susan reassures Clarrie that Ambridge is her home. They'd never move away, no matter how much money they had.

TUE 19:15 Front Row (b03ts4ft)

Richard Hamilton; The Monuments Men; Enrique Iglesias; Tennessee Williams's hotel plays

With John Wilson.

George Clooney directs and stars in The Monuments Men, a drama set in the Second World War. Based on a true story, he plays a member of a group of curators and scholars attempting to rescue art works from the Nazis. The film co-stars Matt Damon, Bill Murray, Cate Blanchett and John Goodman. Larushka Ivan-Zadeh reviews for Front Row.

Tennessee Williams spent much of his later life living in hotel rooms, inspiring his 'hotel plays' which open this week in performance at London's Langham Hotel. John meets the director, set designer and cast from Defibrillator theatre to talk about the logistics of staging three plays in three different rooms on three floors of the grand hotel.

Grammy-winning singer songwriter Enrique Iglesias began his career as a Spanish language artist before crossing over to the English market with hits like Bailamos and the global number one single Hero. Now releasing his tenth album, he talks to John about keeping his record contract secret from his father Julio Iglesias, and why he sees concern over sexualised music videos as hypocritical.

Producer : Dymphna Flynn.

TUE 19:45 15 Minute Drama (b03tts15)
[Repeat of broadcast at 10:45 today]

TUE 20:00 File on 4 (b03ts4fw)
Flooding: Best Laid Plans?

Flights grounded. Trains cancelled. Roads flooded. It's becoming a familiar story every winter as Britain's transport systems are battered by the weather. While rainfall this winter has been unusually high, has some of the disruption that we've seen been caused by a lack of strategic planning and routine maintenance? Should a flooded river have been able to knock out power supplies at Gatwick, catching airport authorities by surprise? Were the drainage systems adequate on some of the railway embankments that collapsed, leaving passengers stranded? Allan Urry investigates why our infrastructure is struggling to cope with the storms and asks whether bad planning has made a bad situation worse?

Producer: Rob Cave.

TUE 20:40 In Touch (b03ts4fy)

Blind sports lose funding; new sleep drug

Sports for blind competitors lose funding and a new sleep drug approved in the US

Blind team sports Goalball and 5-a-side Blind Football have both lost their funding through UK Sports. With the 2016 Paralympics looming, this may impact on the team's chances of

competing and qualifying for the games. Peter White speaks to Liz Nicholl from UK Sport, about why they've taken this decision and what the teams might need to do in order to regain the funding.

The United States Food and Drug Administration has approved a new drug which is said to help regulate the sleep patterns for people who suffer from Non 24-hour sleep disorder - a condition that affects a number of visually impaired people. We hear from a visually impaired woman who suffers from the disorder. We also speak to the company marketing the drug in the United States about the likelihood of the drug being made available in the UK in the future.

Presenter: Peter White
Producer: Lee Kumutat
Editor: Andrew Smith.

TUE 21:00 Inside Health (b03ts4g0)

Glucosamine for osteoarthritis; Alcohol addiction; Gut instinct

As NICE issues its latest guidelines for treating osteoarthritis, Inside Health looks at the use of paracetamol to relieve pain and is glucosamine a recommended supplement? Also in the programme, Dr Mark Porter investigates how the latest drug treatments for problem drinking work. And how much do doctors use their gut instinct when it comes to diagnosing patients?

TUE 21:30 The Great War of Words (b03srqz9)
[Repeat of broadcast at 09:00 today]

TUE 22:00 The World Tonight (b03ts4g2)

Floods: do we need to prepare better for more extreme weather?
Hillary Clinton: the new biography.
Should misbehaving MPs be made to go to a 'sin bin'?
With Ritula Shah.

TUE 22:45 Book at Bedtime (b03tzwsz)
Dubliners

The Boarding House

Naturalistic in style, 'Dubliners' depicts an array of characters, graduating progressively from childhood, through adolescence, to maturity, culminating in the final story, 'The Dead'. The stories each centre on the idea of a moment of epiphany, but are grounded in the minutiae of daily life. Stories of love, loss, con men, friendship, alcoholism, marriage, politics and family, combine to create a unified world, a celebration of a city, in the unparalleled prose of its most famous son.

Abridger Doreen Estall
Reader Stephen Rea
Producer Stephen Wright
Music by Neil Martin.

TUE 23:00 2525 (b03m80yd)
Episode 2

In the year 2525, if man is still alive, if woman can survive... then it may sound something like this. Set 511 years in the future, 2525 invites you to hear more snippets of our future from weight-gain classes to talking pets.

Cast:
Jenny Bede
Jamie Demetriou
Kieran Hodgson
Catriona Knox
Waen Shepherd

Written by Colin Birch, Ali Crockett and David Scott, Jason Hazeley and Joel Morris, Jon Hunter, Jane Lamacraft, Alex Lowe, Paul Putner, John Luke Roberts and Eddie Robson.

Produced by Ashley Blaker.
A John Stanley production for BBC Radio 4.

TUE 23:30 Today in Parliament (b03ts4g4)

Sean Curran reports on a help for flooding victims, the fears of whistleblowers and a clash over climate change.

Editor: Peter Mulligan.

WEDNESDAY 12 FEBRUARY 2014

WED 00:00 Midnight News (b03trqm1)

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

WED 00:30 Book of the Week (b03trs0m)
[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b03trqm3)
The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes (b03trqm5)
BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b03trqm7)
The latest shipping forecast.

WED 05:30 News Briefing (b03trqm9)
The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b03ts6j2)
A spiritual comment and prayer to begin the day with the Rev Dr Lesley Carroll.

WED 05:45 Farming Today (b03ts6j4)
Further herds of animals on the Somerset Levels have been moved to safety as flood warnings remain in place across much of Southern England. Farmers from around the country are rallying round to help provide feed and bedding to those who have had to move their animals to drier ground. Anna Jones has been to Sedgemoor Livestock Market where the donations of fodder are being coordinated.

Trials are taking place to find ways of stopping badgers and cattle eating from the same feed bucket or water trough. Research shows that cattle can catch bovine TB directly from infected badgers. Students and lecturers at Royal Agricultural University in Cirencester are researching ways in which farmers can increase biosecurity on their farms.

And where there are plans for wind farms or solar parks in the UK, controversy is often close behind. Caz Graham visits residents of Allerdale in North Cumbria who fear they're in danger of being over-run by renewable energy schemes.

Presented by Anna Hill and produced by Lucy Bickerton.

WED 05:58 Tweet of the Day (b03thsbj)
Dunnock

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

John Aitchison presents the dunnock. You'll often see dunnocks, or hedge sparrows, as they were once called, shuffling around under a bird table or at the bottom of a hedge. They're inconspicuous birds being mostly brown with a greyish neck and breast. They aren't, as you might imagine, closely related to sparrows, many of their nearest relatives are birds of mountainous regions in Europe and Asia.

WED 06:00 Today (b03ts6j6)
Morning news and current affairs with James Naughtie and Mishal Husain, including:

0740

George Clooney speaks to the BBC's Will Gompertz about his new film, *The Monuments Men*.

0750

Millions more people should be put on cholesterol-lowering statin drugs to protect them against heart attacks and strokes, according to draft guidelines for the NHS in England. Professor Mark Baker, director of clinical practice at NICE, and Dr Aseem Malhotra, science director for Action on Sugar, assess.

0810

Parts of the UK are again facing flooding as forecasters warn a further band of stormy weather later could mean the "strongest" winds of the winter. Today's Tom Bateman is at an emergency centre in New Haw; plus Tony Travers from the London School of Economics and Transport Secretary Patrick McLoughlin speak to presenter James Naughtie.

0820

The idea of the 'mental asylum' has been consigned to another age, but did the asylum serve a valuable purpose - at least for some patients? Barbara Taylor, author of *The Last Asylum: A Memoir of Madness in our Times*, and Dr Peter Carter, chief executive of the Royal College of Nursing, debate.

0837

Aid agencies are hoping to resume the evacuation of civilians from Syria's besieged city of Homs, a day after the operation was suspended. The BBC's Lyse Doucet reports.

WED 09:00 Midweek (b03ts6j8)

Ben Garrod, Jack Charles, Clare Salaman, Colin Jones

Libby Purves meets primatologist Ben Garrod; Australian Aboriginal actor Jack Charles; musician Clare Salaman and photographer Colin Jones.

Ben Garrod is an evolutionary biologist, primatologist and skeleton builder. His new series *Secrets of Bones*, part of BBC Four's *Life Inside Out* season, explores the story of the skeleton and vertebrates of every size and shape. In the course of this six-part series Ben investigates how a single, universal body plan - the skeleton - has shaped the animal kingdom. Each skeleton differs in small but critical ways and those differences can be decoded to reveal an animal's complete life story - not only how it moves, where it lives and what it eats, but also its entire evolutionary journey. *Secrets of Bones* is broadcast on BBC Four.

Jack Charles is an Australian Aboriginal actor, musician and activist. One of Australia's Stolen Generation, he was taken from his mother at a young age and placed in a boys' home for Aboriginal children. His subsequent acting career was regularly interrupted by lengthy stints in jail and his long-term heroin addiction. Now drug free, his one man show, *Jack Charles v The Crown*, is inspired by his own story. *Jack Charles v The Crown* is at the Barbican.

Clare Salaman is a musician and composer who plays violin, baroque violin, hurdy violin, hurdygurdy, nyckelharpa, medieval vielle, rebec, hardanger fiddle and accordion. Her group *The Society of Strange and Ancient Instruments* is staging *Nine Daies Wonder* which is based on an Elizabethan journey from London to Norwich by Shakespearean actor Will Kemp. *Nine Daies Wonder* is touring the UK.

Colin Jones is a photographer whose exhibition *Fifty Years of The Who* captures a young British rock group on the verge of greatness. As a youngster Colin was a member of the Royal Ballet before joining the Observer as a photographer in 1962. His friendship with Pete Townshend gave him access to *The Who* offstage as well as on - capturing the band's talent and raw energy. *Fifty Years of The Who* is at Proud Camden, London.

Producer: Paula McGinley.

WED 09:45 Book of the Week (b03ts6jb)

The Almost Nearly Perfect People: The Truth about the Nordic Miracle

Norway and its Oil Riches

Norway - a country taking stock post-Breivik and the impact of the nation's colossal oil wealth on the Nordic psyche.

In a time where we have a fascination with all things Scandinavian, journalist, Michael Booth's book sees the author embark on a revealing and humorous journey through all five of the Nordic countries to discover the secrets of their success.

Reader: Gunnar Cauthery
Abridged by Richard Hamilton
Produced by Gemma Jenkins

WED 10:00 Woman's Hour (b03ts6jd)

Shirley Temple Black; Abortion advice; Part-time relationships; Sexting; Animals and autism

Shirley Temple Black - a classic archive interview from *Woman's Hour* in 1976. Abortion advice in the UK - how independent or accurate is the advice given by crisis pregnancy centres? Emma Barnett, editor of the *Daily Telegraph* *Wonder Woman* section and the *Brook Advisory* service have both been doing investigations into what is available at CPCs. Part-time relationships. Louise Booth on how her son, who is on the autistic spectrum, was found solace and clam in his relationship with Billy the family cat. Sexting and teenagers. Jenni Murray presents.

Presenter: Jenni Murray
Producer: Eleanor Garland.

WED 10:45 15 Minute Drama (b03ttzfb)

Craven: Series 4

Episode 3

Sue Craven (Maxine Peake) is keen to find and prosecute the cyber bullies who appear to be implicated in the death of Florence Henderson. But the CPS lawyer challenges the strength of the case, causing difficulties in an already strained relationship with Watende.

Craven tries to hide some difficult truths from Watende, who may have put another case in jeopardy. And Mark Henderson, the victim's father, is caught on CCTV behaving very oddly.

Craven can no longer avoid Macca who is off to hospital.

Each day throughout this series, additional scenes are carried on into films available on BBC iPlayer and the Radio 4 website. Today we find out just what went on when Terry and Watende went for social media training.

Created by Amelia Bullmore
Written by Michelle Lipton

Executive Producer: Nicola Shindler
Sound Engineer / Sound Designer: Eloise Whitmore
Police Consultant: Keith Dillon
Production Assistant: Catherine Ames

Director / Producer: Justine Potter
A Red Company production for BBC Radio 4.

WED 11:00 Falling for a Student (b03c30cm)

Anita Anand explores the taboo topic of teachers having relationships with their students. It should never happen but it does but the law is clear: teachers are in loco parentis and as such cannot have a relationship with a student under the age of 18. Not only is it a criminal offence, it is a fully recognised abuse of the position of trust that the teacher is in - it applies even if the pupil is over the age of consent and the relationship is consensual.

In this documentary Anita hears the views of teachers and head teachers on what happens when a relationship crosses the line to become "inappropriate". She asks what support, if any, is offered to individuals who find themselves involved with those they teach. And have modern teaching methods and a more informal approach made it harder to define the line which should not be crossed by students or teachers?

Producers: James Cook, Kirsten Lass, Lucy Lunt.

WED 11:30 Clare in the Community (b03ts6jg)
Series 9

Come Dine With Me

Clare has finally managed to find some time for romance.

Meanwhile Brian discovers that a cheap flat comes with some unusual conditions and Nali has an eventful first day in her new job.

Sally Phillips is Clare Barker the social worker who has all the right jargon but never a practical solution.

A control freak, Clare likes nothing better than interfering in other people's lives on both a professional and personal basis. Clare is in her thirties, white, middle class and heterosexual, all of which are occasional causes of discomfort to her.

Clare continually struggles to control both her professional and private life

In today's *Big Society* there are plenty of challenges out there for an involved, caring social worker. Or even Clare.

Written by Harry Venning and David Ramsden.

Clare Sally Phillips
Brian Alex Lowe
Nali Nina Conti
Leonard Richard Lumsden
Howard Richard Lumsden
Simon Andrew Wincott
Libby Sarah Kendall
Joan Sarah Thom
Miss Braithwaite Carolyn Pickles
Mrs Scudimore Carolyn Pickles

Producer: Alexandra Smith.

First broadcast on BBC Radio 4 in February 2014.

WED 12:00 You and Yours (b03ts6jj)
Breast Implant Compensation

Fresh compensation claims are being brought against the company that was given the CE quality mark for PIP breast implants - indicating they were safe to be sold in Europe.

Switching to a new broadband provider can be a hassle. Ofcom says it wants to streamline the process and limit how long it takes. You & Yours listeners tell us their experiences.

Eating too much salt has been linked with heart disease and stroke. The food industry has targets to reduce the amount we eat. How well are they working?

And 80% of the world's almonds are grown in California. So

what does a drought in the west coast state mean for the price of the nut?

Presenter: Shari Vahl
Producer: Natalie Donovan.

WED 13:00 World at One (b03trqmc)

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

WED 13:45 A Brief History of Mathematics (b00ss1j2)
Henri Poincare

This ten part history of mathematics from Newton to the present day, reveals the personalities behind the calculations: the passions and rivalries of mathematicians struggling to get their ideas heard. Professor Marcus du Sautoy shows how these masters of abstraction find a role in the real world and proves that mathematics is the driving force behind modern science.

Today Henri Poincare, the man who proved there are certain problems that mathematics will never be able to answer: a mathematical insight that gave rise to chaos theory.

Producer: Anna Buckley

From 2010.

WED 14:00 The Archers (b03ts4fr)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b037jbtm)

The Gestapo Minutes

A new play by Adam Ganz

Starring Ed Stoppard, Julian Rhind-Tutt and featuring Robin Lusting.

Under the Nazis, Michel Oppenheim - lawyer, patriot and porcelain collector - is made head of the Jewish community in Mainz. The minutes of his regular meetings with Gestapo functionary Schwoerer survive. Civilly, they discuss the pettiest details of Nazi terror and arrangements for the deportations east. Thanks to his non-Jewish, wife Oppenheim survives.

Once the war ends, the tables are turned. Schwoerer begs Oppenheim for a testimonial, which could save him from a US war crimes trial and execution. Oppenheim must decide whether to help the man who sat across the table during the past six years of horror and humiliation.

Directed by Catherine Bailey
A Catherine Bailey production for BBC Radio 4.

WED 15:00 Money Box Live (b03tt50k)

Mortgages

Choosing the right mortgage can save you thousands of pounds, so we've a team of mortgage advisors ready to share tips and advice to help you find the best deal. Call 03700 100 444 from **1pm to 3.30pm** on Wednesday or e-mail moneybox@bbc.co.uk now.

How much can you borrow and how big should your deposit be?

If you choose a 95% mortgage can you afford the monthly repayments?

Where can you find the cheapest rates?

Should you pick a variable or fixed rate mortgage?

If you prefer the security of a fixed term product is it better to tie in for 2, 3 or even 5 years?

Is it worth paying a higher fee for a lower interest rate?

What sort of schemes are available for first time buyers or those with support from parents?

Perhaps you have a question about Help-to-Buy?

Whether you're looking for your first home or you need to remortgage, waiting to answer your questions will be:

Ray Boulger, John Charcol.

David Hollingworth, London and Country Mortgages.
Jane Kings, Mortgage Adviser, Ash-Ridge Asset Management

Call 03700 100 444 between **1pm and 3.30pm** on Wednesday or e-mail moneybox@bbc.co.uk now. Standard geographic charges apply. Calls from mobiles may be higher.

Presenter: Lesley Curwen
Producer: Diane Richardson.

WED 15:30 Inside Health (b03ts4g0)

[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b03tt50m)

Stuart Hall (1932-2014)

In memory of Stuart Hall: a special programme paying tribute to the leading cultural theorist and former director of the Birmingham Centre for Cultural Studies. A pioneer of 'multiculturalism', he documented the changing character of 'post Imperial' British society. Laurie Taylor is joined by Caspar Melville, Lecturer in Global Creative and Cultural Industries at SOAS, Baroness Lola Young and Jeremy Gilbert, editor of the journal, *New Formations*. They explore Stuart Hall's life, influence and legacy.

Producer: Jayne Egerton.

WED 16:30 The Media Show (b03tt50p)

Al Jazeera; Panel shows; Exposés; Twitter

Danny Cohen, the head of the BBC's television output, has promised viewers that the corporation will not make any more all-male comedy panel shows. Back in December, BBC producers were told that they had to address this following new sex-representation objectives set by the BBC Trust. Steve Hewlett gets the views of stand up comic Jenny Eclair who, despite having a host of TV credits under her belt, has never been invited onto a panel show. And he asks award winning producer and former BBC head of comedy Jon Plowman the insiders view on why women, historically, haven't made it onto these shows.

Investigative journalist and former Panorama reporter Tom Bower has written many unauthorised no-holds-barred works of powerful people from Robert Maxwell to Conrad Black. Bernie Ecclestone called him "the undertaker", due to his talent for, "burying reputations". His latest project is a second biography of Richard Branson. Steve Hewlett talks to Tom about the challenges of undertaking this kind of investigative work, and discusses the cultural importance of the expose biography.

The Egyptian authorities have charged the British Al Jazeera English correspondent Sue Turton with aiding terrorists. Sue along with her British colleague Dominic Kane face charges of spreading false news, bringing Egypt in to disrepute and conspiring with terrorists. Sue talks about her experience of working out in Egypt and her charge, in absentia.

It has more than 240 million monthly active users, and is available in 35 languages, however, after announcing losses for 2013, Twitter shares tumbled last week. Steve Hewlett asks Katherine Rushton, US Business Editor of the Telegraph Media Group, whether the social networking site is too niche to grow.

Producer: Katy Takatsuki
Editor: Andrew Smith.

WED 17:00 PM (b03tt50r)

Coverage and analysis of the day's news. Including Weather at **5.57pm**.

WED 18:00 Six O'Clock News (b03trqmf)

The latest national and international news from BBC Radio 4.

WED 18:30 Mark Steel's in Town (b03tt50t)

Series 5

Huddersfield

Mark Steel returns to Radio 4 for a fifth series of the award winning show that travels around the country, researching the history, heritage and culture of six towns that have nothing in common but their uniqueness, and does a bespoke evening of comedy in each one.

As every high street slowly morphs into a replica of the next, Mark Steel's in Town celebrates the parochial, the local and the unusual. From Corby's rivalry with Kettering to the word you can't say in Portland, the show has taken in the idiosyncrasies of towns up and down the country, from Kirkwall to Penzance, from Holyhead to Bungay.

This final edition of the series comes from Huddersfield in West Yorkshire, the historical home of Luddism and rugby league. From February 2014.

Written and performed by ... Mark Steel
Additional material by ... Pete Sinclair
Production co-ordinator ... Trudi Stevens

Producer ... Ed Morrish.

WED 19:00 The Archers (b03tt50w)

Ruth and David are hectic with lambing, leaving Jill to entertain Ben as Ruth has to play catch up. With nothing planned for dinner, Jill steps in, allowing Ruth to relax in the bath. Grateful Ruth feels transformed.

Roy helps Tom rescue an escaped sow. Hitching up the trailer, Roy jokes they've got the wedding transport covered. Over a drink, they discuss the wedding. There's so much to it, and a stag do to organise. Tom anticipates it all being an expensive affair. And they need a deposit on a house. Tom thinks he'll have to ask Peggy for an advance on his inheritance. Roy thinks it's worth a go.

David and Ruth invite Jill to come with them to see Pip on Sunday, for her birthday. Josh is being cagey about a possible new girlfriend, Millsy (aka Melissa). Ruth remembers Josh getting "quite friendly" with her at his 16th party.

After Jill's lovely cooking, Ruth falls asleep in the chair. David's busy outside in the lambing shed. The weather's horrible and he won't hear of Jill walking home in it, so invites her to stay over in Pip's room. Jill agrees.

WED 19:15 Front Row (b03tt50y)

Line of Duty; Tom Rob Smith; Oh, What a Lovely War!

With Kirsty Lang.

Oh What a Lovely War, Joan Littlewood's controversial musical satire about the First World War, is being revived in its original home, the Theatre Royal Stratford East. The 1963 production, which Littlewood intended would mock 'the vulgarity of war', was loved by audiences, but detested by some who saw its message as unpatriotic. Critic and historian Kathryn Hughes reviews the production and considers whether the play has the same impact today.

After the success of the 'Child 44' trilogy, author Tom Rob Smith has just published a somewhat different type of crime novel. 'The Farm' is a psychological thriller, set in Sweden and England, which keeps the reader guessing throughout. He reveals how the main premise for the novel was inspired by a real life event very close to home.

The first series of the television drama, Line Of Duty, found many fans for its study of police corruption. The writer, Jed Mercurio, has now written a second series with a new police officer, Detective Inspector Lindsay Denton played by Keeley Hawes, under investigation. The writer MJ Hyland reviews.

How best to translate a novel is a perennial question, but some authors whose works have been published in China have also found the stories themselves being censored. Kirsty hears from journalist Jonathan Fenby and from literary-translation rights specialist Jenny Robson - and US based crime-writer Qiu Xiaolong and Booker Prize winner AS Byatt relate their two very different experiences.

Producer: Rebecca Armstrong.

WED 19:45 15 Minute Drama (b03ttzfb)

[Repeat of broadcast at 10:45 today]

WED 20:00 Moral Maze (b03tt510)

Public health vs individual freedom

When should society step in and save us from ourselves? Our apparently insatiable appetites for smoking, drinking and eating are all in the news this week, but where and how should we draw the line between individual freedom and public health? Is it purely a utilitarian calculation; that the consequences are such a drain on the national purse that we can no longer afford the luxury of letting people do what they want? Or does that just reduce the value of our bodies to the lowest common denominator - the bottom line on a balance sheet? And even if we could afford it, should the common good outweigh individual freedom? Is expecting other people to pay for the consequences of our own behaviour immoral? And what if we could invent a cheap and effective pill to allow us to drink as much as we want without suffering a hangover, or eat what we like without the risk of diabetes? We might herald the scientific advance, but would it make us better humans? Is there something morally, as well as corporally corrupting about defiling our bodies with intoxicants and excess? Or does that sound hopelessly Victorian and censorious in an age that has come to prize self-indulgence and hedonism almost as much as human rights? Are policies to control our appetites the worst kind of nanny-statism that punishes the responsible and infantilises the rest or a sensible response to a public health crisis?

Combative, provocative and engaging debate chaired by

Michael Buerk with Claire Fox, Michael Portillo, Anne McElvoy, Matthew Taylor.

WED 20:45 Four Thought (b03tt512)

Series 4

Role Modelling

Anne-Marie Imafidon argues that we need to think differently about role models. She believes we need to stop looking at them as superhuman and instead embrace their mistakes as well as their successes, their personal foibles as well as their strengths. Once we do that, we can understand that everyone has something to contribute, we can all be members of what she calls the 'role model club'.

Presented by David Baddiel.

Producer: Giles Edwards.

WED 21:00 Costing the Earth (b03ts4ff)

[Repeat of broadcast at 15:30 on Tuesday]

WED 21:30 Midweek (b03ts6j8)

[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b03trqmh)

The latest weather forecast.

WED 22:00 The World Tonight (b03tt58c)

In-depth reporting and analysis from a global perspective.

WED 22:45 Book at Bedtime (b03tx4p)

Dubliners

A Little Cloud

Naturalistic in style, 'Dubliners' depicts an array of characters, graduating progressively from childhood, through adolescence, to maturity, culminating in the final story, 'The Dead'. The stories each centre on the idea of a moment of epiphany, but are grounded in the minutiae of daily life. Stories of love, loss, con men, friendship, alcoholism, marriage, politics and family, combine to create a unified world, a celebration of a city, in the unparalleled prose of its most famous son.

Abrider Doreen Estall

Reader Stephen Rea

Producer Stephen Wright

Music by Neil Martin.

WED 23:00 Tim Key's Late Night Poetry Programme (b03tt58f)

Series 2

Stag

It's the night before the wedding of Tim Key's guitarist - Tom Basden.

So Tim is presenting the show from an outside broadcast van in Cheam. He's determined to give 'Lord' a stag night he'll never forget. But Lord is not so sure.

Written and presented by Tim Key.

With Tom Basden and Michael Bertenshaw

Producer: James Robinson

First broadcast on BBC Radio 4 in February 2014.

WED 23:15 iGod (b00xhjry)

Religion

We all worry about the end of the world, as economists and environmentalists speak in apocalyptic terms everyday. iGOD says that trying to predict the end of the world is as pointless as moisturising an elephant's elbow.

An unnamed, all-seeing narrator (David Soul) shows us that it is stupid to be worrying, as he looks back at some of the most entertaining apocalypses on parallel Earths.

In this episode a parallel earth is obliterated when Ian inadvertently mucks up global religion.

Starring Simon Day and David Soul.

Written by Sean Gray.

Producer: Simon Nicholls

First broadcast on BBC Radio 4 in January 2011.

WED 23:30 Today in Parliament (b03tt58h)

Susan Hulme reports from Westminster.

THURSDAY 13 FEBRUARY 2014

THU 00:00 Midnight News (b03trqnf)

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

THU 00:30 Book of the Week (b03ts6jb)

[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b03trqnh)

The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b03trqnk)

BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b03trqnm)

The latest shipping forecast.

THU 05:30 News Briefing (b03trqnp)

The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b03tt7kg)

A spiritual comment and prayer to begin the day with the Rev Dr Lesley Carroll.

THU 05:45 Farming Today (b03tt7kj)

Flooding, Flood relief, Energy expo, Valentine's flowers

A new flood relief fund is being made available to help affected farmers in England recover from weeks underwater. The money, of up to ten million pounds has been promised by the Prime Minister David Cameron. Today, he'll also chair the first meeting of a new flood cabinet committee.

The money will offer grant aid to restore agricultural land and introduce flood prevention measures. It will be open to all farm businesses that need support, but will specifically help those areas worst affected by the current flooding.

Over the last week, we've been speaking to farmers affected by the flooding on the Somerset Levels. James Winslade, who's farm is currently underwater has had to move over five hundred cattle off his land. He told us the money would help his farm recover, but that long-term flood prevention should remain the Government's responsibility.

Meanwhile, as storms continue in Wales, farmers there are calling on the Government to relax rules on spreading slurry and feeding animals in environmentally sensitive areas.

As slurry pits become full and sheds are crowded with newborn lambs, spreading and feeding on waterlogged land could be the only option for farmers. However farming consultants ADAS say this can cause environmental damage and risk penalties to single farm payments.

Lucy Bickerton reports from day one of the energy expo in Telford where farmers have gathered to take a look at the latest solar and wind technology. Despite a cut in the feed-in tariff, she finds many farmers are still keen to invest.

And we hear from the British flower growers in Cornwall who are harvesting freshly cut blooms for Valentine's day.

Presented by Charlotte Smith and produced by Jules Benham.

THU 05:58 Tweet of the Day (b03thsc6)

Long-Eared Owl

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

John Aitchison presents the long-eared owl. The low moaning hoot of a long-eared owl filters through the blackness of a pine wood. Long-eared owls are nocturnal and one of our most elusive breeding birds. They nest in conifer woods, copses and shelter-belts of trees near wide open grasslands and heaths where they hunt for rodents.

THU 06:00 Today (b03tt7kl)

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

THU 09:00 In Our Time (b03tt7kn)

Chivalry

Melvyn Bragg and his guests discuss chivalry, the moral code observed by knights of the Middle Ages. Chivalry originated in the military practices of aristocratic French and German soldiers, but developed into an elaborate system governing many different aspects of knightly behaviour. It influenced the conduct of medieval military campaigns and also had important religious and literary dimensions. It gave rise to the phenomenon of courtly love, the subject of much romance literature, as well as to the practice of heraldry. The remnants of the chivalric tradition linger in European culture even today.

Miri Rubin

Professor of Medieval and Early Modern History and Head of the School of History at Queen Mary, University of London

Matthew Strickland

Professor of Medieval History at the University of Glasgow

Laura Ashe

Associate Professor in English at the University of Oxford and Fellow of Worcester College

Producer: Thomas Morris.

THU 09:45 Book of the Week (b03tt7kq)

The Almost Nearly Perfect People: The Truth about the Nordic Miracle

Enigmatic Finland

Finland and a visit to what lies at the heart of the country's social and political life – the sauna.

Journalist, Michael Booth embarks on a revealing and often humorous journey through all five of the Nordic countries to discover the secrets of their success.

Reader: Gunnar Cauthery

Abridged by Richard Hamilton

Produced by Gemma Jenkins

THU 10:00 Woman's Hour (b03tt7ks)

Rosanne Cash; Women bishops; Foetal Alcohol Syndrome compensation; Trainers with everything?

Rosanne Cash, singer-songwriter, and daughter of Johnny talks about dealing with her father's legacy and her new album, *The River and The Thread*. Should children harmed by Foetal Alcohol Syndrome receive compensation? Lawyer Neil Sugarman and medical ethicist Anna Wearing discuss whether causing FAS should be a crime. On the eve of London Fashion Week, Lisa Armstrong, the Telegraph's fashion editor debates the pros and cons of wearing trainers with everything. The Church of England's governing body, the General Synod has backed legislation which could see the first woman bishop appointed by the end of 2014. Ruth Gledhill, Religion Correspondent for The Times joins Jenni to discuss the plan and which women might be the first bishops.

Presenter: Jenni Murray

Producer: Rebecca Myatt.

THU 10:45 15 Minute Drama (b03tv02f)

Craven: Series 4

Episode 4

In Episode 4 of the police drama starring Maxine Peake, Watende's mistake is exposed and his job is on the line. The ensuing row threatens to stop Craven from being at Macca's hospital bedside.

The cyber bullying and trolling activity takes a nasty turn and Craven is called in when new content goes viral online.

Craven seeks the help of Tom, her friendly psychologist, as she gets desperate for something to strengthen the case.

A late night and a bedside call changes everything.

Each day throughout this series, additional scenes are carried on into films available on BBC iPlayer and the Radio 4 website. Today's online film continues on from the climax of this episode.

Created by Amelia Bullmore

Written by Michelle Lipton

Executive Producer: Nicola Shindler
 Sound Engineer / Sound Designer: Eloise Whitmore
 Police Consultant: Keith Dillon
 Catherine Ames: Production Assistant

Director / Producer: Justine Potter
 A Red Company production for BBC Radio 4.

THU 11:00 From Our Own Correspondent (b03tt7kv)
 Come to Sunny Gaza!

Why is Bosnia seeing its most serious unrest since the country was at war in the 1990s? How difficult is it proving getting America back to work? Is there public support in Nigeria for the authorities' new law against homosexuals? What evidence is there of the links between Soviet East Germany and the exotic spice island of Zanzibar? And why might our man visiting the Gaza Strip be considering going back there, with his family, for a holiday? They are all questions addressed in this latest edition of From Our Own Correspondent.

THU 11:30 Will Carlos Acosta Get to the Pointe (b03tt7kx)
 Episode 2

Celebrated ballet star Carlos Acosta prepares to take on one his most demanding roles - to save the crumbling ruins of a ballet school in Havana.

THU 12:00 You and Yours (b03tt7kz)
 Green levies; State-run comparison: Voodoo Valentine's

We've been investigating what's being done with the money we've all paid through our energy bills to help people on low incomes and people in hard-to-heat homes. Is it being fairly allocated? And should you pin your hopes on a Valentine's night with a voodoo doll...

THU 12:57 Weather (b03trqrn)
 The latest weather forecast.

THU 13:00 World at One (b03trqnt)
 National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

THU 13:45 A Brief History of Mathematics (b00slj4)
 Hardy and Ramanujan

This ten part history of mathematics from Newton to the present day, reveals the personalities behind the calculations: the passions and rivalries of mathematicians struggling to get their ideas heard. Professor Marcus du Sautoy shows how these masters of abstraction find a role in the real world and proves that mathematics is the driving force behind modern science.

Today, G.H.Hardy, the mathematician who insisted he had never done anything useful. And yet his work on the "diabolical malice" inherent in prime numbers inspired the millions of codes that now help to keep the internet safe.

Producer: Anna Buckley

From 2010.

THU 14:00 The Archers (b03tt50w)
 [Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama (b01214ns)
 Anita Sullivan - Rock of Eye

Three elderly tailors, a trouser-maker, a coat-maker and a waistcoat-maker, have been commissioned to make a bespoke suit for an up and coming politician. They have worked together for decades but have only met very rarely, although increasingly, these days, at their colleagues' funerals. The suit has been designed by Mrs White, a mysterious woman whom they've never met. Mrs White has imposed very strict rules about secrecy, and all off-cuts have to be returned to her. The suiting fabric supplied is also unusual. It seems to change colour and quality with the mood of the tailors, and to move against the needle in a sentient manner. As the garment takes shape, it begins to have a powerful effect on anyone who comes into contact with it.

A BBC/Cymru Wales production, written and directed by Anita Sullivan.

THU 15:00 Ramblings (b03tt711)
 Series 26

Tom Isaacs, Chorley Wood

In this new series Clare Balding revisits some of her favourite and most memorable guests. Eleven years ago she joined Tom Isaacs in West Wales as he walked the entire coastline of Britain in an attempt to raise money and awareness for research into a cure for Parkinson's disease. Tom had been diagnosed at the exceptionally young age of twenty-seven but has always been determined not to let his condition get in the way of him leading a fulfilling and productive life. Clare now walks with Tom and his wife Lyndsey, along the river Chess, close to their home just outside London.
 Producer Lucy Lunt.

THU 15:27 Radio 4 Appeal (b03tr7hp)
 [Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Open Book (b03tr7j8)
 [Repeat of broadcast at 16:00 on Sunday]

THU 16:00 The Film Programme (b03t713)
 Grant Heslov on The Monuments Men; Spike Jonze on Her; George MacKay; Charles Gant on global movie surprises

Francine Stock talks to writer and director Spike Jonze, whose work includes Where the Wild Things Are and Being John Malkovich, about his new film Her, a futuristic love story. Joaquin Phoenix plays a gentle, lonely man who falls in love with a computer operating system brought to life by the voice of Scarlett Johansson.

Plus Grant Heslov a producer and long-time collaborator with George Clooney on the WW2 epic, The Monuments Men. It tells the story of the men who crossed Europe under fire to rescue works of art threatened by destruction and looting by the Nazis. It stars George Clooney, Matt Damon, Bill Murray, Cate Blanchett and John Goodman.

Industry analyst Charles Gant unpicks the surprise hits and misses of films in international markets - why South Koreans loved Brit rom-com About Time while China feted monster robot action film Pacific Rim which disappointed in the UK and USA markets.

And British rising star and BAFTA nominee George MacKay on his career so far - from child actor in Peter Pan to How I Live Now, Sunshine on Leith and For Those In Peril.

THU 16:30 BBC Inside Science (b03tt717)
 Whales from space; Flood emails; SUYI JET Lasers; CERN's new tunnel; Discoveries exhibition

Whales from Space. Scientists have demonstrated how new satellite technology can be used to count whales, and ultimately estimate their population size. Using Very High Resolution (VHR) satellite imagery, alongside image processing software, they were able to automatically detect and count whales breeding in part of the Golfo Nuevo, Peninsula Valdes in Argentina.

The new method could revolutionise how whale population size is estimated. Marine mammals are extremely difficult to count on a large scale and traditional methods are costly, inaccurate and dangerous; several whales researchers have died in light aircraft accidents.

How long will the floods last? Is this a trend caused by climate change? Should I turn on the kitchen taps so that house is at least flooded with clean water? We put listeners' flood questions to experts from the Centre of Ecology and Hydrology and the British Geological Survey.

The instrument we're shown this week is from JET (Joint European Torus) in Culham.. It's the world's largest 'tokamak' - a type of nuclear fusion reactor. The hope is that in a few decades it could be supplying much of the world's electricity. It works by fusing nuclei of hydrogen together to produce helium and a lot of excess energy. It's the power source of the Universe, as all stars run on fusion energy. But on Earth we have to go to much more extreme conditions to achieve it. Upwards of 100 million degrees Celsius, which is around ten times hotter than the Sun. Joanne Flannagan, shows us her lasers which measure the hot fusion plasma inside JET.

CERN wants a new tunnel. The 27km long, Large Hadron Collider in Geneva found evidence of the Higgs boson recently. But if we want to know more about this elusive particle and others that make up our universe, the physicists say they're going to have to go bigger. With a 100km long tunnel, in fact. Talks are afoot as to where and how they will build it. But Lucie asks reporter Roland Pease whether it'll be worth it?

The current Discoveries exhibition at Two Temple Place, on the banks of the Thames, brings together treasures from eight University of Cambridge museums, in a beautiful period building, built by Waldorf Astor. The show combines objects from science and arts collections to explore the theme of 'Discoveries'. Curator Professor Nick Thomas gives Lucie

Green a tour.

Producer: Fiona Roberts.

THU 17:00 PM (b03tt719)
 Full coverage and analysis of the day's news.

THU 18:00 Six O'Clock News (b03trqnv)
 The latest national and international news from BBC Radio 4.

THU 18:30 Trevor Noah: The Racist (b01rg22v)
 Coming of age in post-apartheid South Africa, Trevor Noah shares his story with this exploration of race and place.

Following on from a ground breaking total sell-out season at the Edinburgh Festival Fringe, South African comedian Trevor Noah brings his critically acclaimed show, The Racist, to the BBC Radio Theatre for a one off recording for BBC Radio 4.

Trevor's explosion onto the South African entertainment scene has been nothing short of meteoric. His sharp wit, intelligent commentary, unmistakable charm and clinical delivery have established him as an extremely popular performer with undoubted world class potential.

"Slick, intelligent, blissfully funny....This is insightful, warm, classy comedy." ***** Time Out

Written and Performed by Trevor Noah
 Produced by Katie Tyrrell.

THU 19:00 The Archers (b03tt71c)
 Tom explains to Peggy that he and Kirsty could do with some help with the deposit for a house. Peggy suggests Tom keeps looking, and when he's found a place they like, he can come back with the exact figures. Peggy reassures Tom that she's open to helping him out.

Jennifer has had a hairdressing disaster, so Tony reluctantly has to take his mother for a doctor's appointment. Peggy confronts Tony over what's clearly bothering him. She knows he's unhappy about her will decision. Tony admits he was surprised and feels hurt. He feels Peggy doesn't trust him and she says little to counter this view. Peggy explains that she has done what she feels is best for the family and business. Peggy then reveals she intends to help Tom with buying a house. Tony can't believe his ears.

At home, Tony explodes at irritated Pat. Tony insists he'll no longer be offering Tom any help for the wedding.

Helen's so excited about her pre-Valentines treat tonight with Rob. He's not giving anything away. She drops Henry off with uncomfortable Pat.

Helen doesn't quite get her outfit right. But after a moment assessing the replacement Rob tells her she looks stunning, to her relief. The travel by chauffeur-driven car to a top class restaurant in Birmingham. Rob tops it off by giving her a gorgeous watch. It's perfect, Helen says - and so is he.

THU 19:15 Front Row (b03tt71f)
 Richard Rogers and Norman Foster; Simon Parkes on Brixton Academy; artist George Condo

With John Wilson.

Architects Richard Rogers and Norman Foster discuss their 50-year friendship in a rare interview together, and reveal which of each the other's buildings is their favourite, as the exhibition The Brits Who Built the Modern World opens at RIBA's new Architecture Gallery.

In 1982 Simon Parkes paid just £1 to buy the former Astoria cinema in Brixton, south London. He turned it into the Brixton Academy and, over the next 14 years, put on gigs by the likes of The Clash, Bob Dylan and U2. On the publication of his memoir Live At The Brixton Academy, Simon Parkes gives John Wilson a tour of the historic venue.

The US artist George Condo began his artistic career as an assistant to Andy Warhol but he has become renowned for his grotesque figures and portraits which feature misshapen limbs, asymmetrical eyes and terrifyingly toothy mouths, controversially notable in a portrait of Queen Elizabeth II. More recently he has become widely known for a collaboration with Kanye West. Condo discusses his career and two new exhibitions of his work.

Producer: Ellie Bury.

THU 19:45 15 Minute Drama (b03tv02f)
 [Repeat of broadcast at 10:45 today]

THU 20:00 The Report (b03t7lh)
Ofsted's Ideological Battle

After a turbulent few weeks for those at the top of the schools' watchdog Ofsted, with headlines about critical reports, and personnel changes, Phil Kemp asks if this public row has distracted from the real struggle going on at Ofsted. The programme investigates why the political right feels that some inspectors have been captured by an outdated progressive approach to teaching. The programme reveals that Ofsted's leaders are rewriting inspection reports, removing phrases that imply criticism of particular teaching styles. The fightback against the educational theories of the progressive left has been dubbed the battle of the Blob. Who is winning?

The programme includes interviews with Michael Cladingbowl, Ofsted's National Director of Schools, Former School's Minister Nick Gibb, Anastasia De Waal, Deputy Director of Civitas and teacher and education blogger Andrew Smith.

THU 20:30 The Bottom Line (b03t7lk)
TV Formats

Successful TV formats like Big Brother, Pop Idol, X-Factor and Who Wants To Be A Millionaire are sold and broadcast all round the world, netting their creators billions of pounds. But how can you protect such a valuable asset? And are too many copycat versions saturating the market and crushing original ideas? Evan Davis finds out from those at the top of the lucrative global industry of TV formats.

Guests:

Charlie Parsons, Creator of Survivor and CEO, Castaway Television Productions
Louise Pedersen, Managing Director, all3media international
Ricardo Pereira, TV Globo Director for Europe

Producer: Sally Abrahams.

THU 21:00 BBC Inside Science (b03t7l7)
[Repeat of broadcast at 16:30 today]**THU 21:30 In Our Time (b03t7kn)**
[Repeat of broadcast at 09:00 today]**THU 21:58 Weather (b03trqn)**
The latest weather forecast.**THU 22:00 The World Tonight (b03t8fj)**
Economic cost of floods, Belgian euthanasia for children, latest on Syria. In-depth reporting and analysis from a global perspective with Philippa Thomas.**THU 22:45 Book at Bedtime (b03tzxik)**
Dubliners

Counterparts

Naturalistic in style, 'Dubliners' depicts an array of characters, graduating progressively from childhood, through adolescence, to maturity, culminating in the final story, 'The Dead'. The stories each centre on the idea of a moment of epiphany, but are grounded in the minutiae of daily life. Stories of love, loss, con men, friendship, alcoholism, marriage, politics and family, combine to create a unified world, a celebration of a city, in the unparalleled prose of its most famous son.

Abridger: Doreen Estall
Reader: Stephen Rea
Producer: Stephen Wright.

THU 23:00 Brian Gulliver's Travels (b00zlfh9)
Series 1

Erosia

Brian Gulliver, a seasoned presenter of travel documentaries, finds himself in a hospital's secure unit after claiming to have had a number of bizarre adventures.

This week he travels to Erosia which has a very different view of sexual politics.

Written by Bill Dare
Produced by Steven Canny

Brian Gulliver's Travels is a new satirical adventure story from Bill Dare. The series has attracted an excellent cast led by Neil Pearson and award winning star of the RSC's current season, Mariah Gale. Cast includes fantastic actors Tamsin Greig, John Standing, Paul Bhattacharjee, Christopher Douglas, Catherine Shepherd, Vicky Pepperdine, Phil Cornwell, Antonia Campbell

Hughes, Jo Bobin and Katherine Jakeways.

For years Bill Dare wanted to create a satire about different worlds exploring Kipling's idea that we travel, 'not just to explore civilizations, but to better understand our own'. But science fiction and space ships never interested him, so he put the idea on ice. Then Brian Gulliver arrived and meant that our hero could be lost in a fictional world without the need for any sci-fi.

Satirical targets over the series: the medical profession and its need to pathologize everything; the effect of marriage on children; spirituality and pseudo-science; compensation culture; sexism; the affect of our obsession with fame.

Gulliver's Travels is the only book Bill Dare read at university. His father, Peter Jones, narrated a similarly peripatetic radio series: The Hitchhiker's Guide to the Galaxy.

THU 23:30 Today in Parliament (b03t8gq)

Sean Curran hears MPs debate the impact of flooding. There's strong criticism of the Police Federation. And why are cancer survival rates lower here than abroad?

Editor: Peter Mulligan.

FRIDAY 14 FEBRUARY 2014**FRI 00:00 Midnight News (b03trqp)**

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

FRI 00:30 Book of the Week (b03t7kq)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b03trqq0)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b03trqq2)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b03trqq4)

The latest shipping forecast.

FRI 05:30 News Briefing (b03trqq6)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b03ttg7q)

A spiritual comment and prayer to begin the day with the Rev Dr Lesley Carroll.

FRI 05:45 Farming Today (b03ttg7s)

Animal transportation, floods and the US farm bill

The director of an animal transport company has been fined and given a suspended jail sentence after pleading guilty to two charges of causing unnecessary suffering to animals - in a case which may pave the way for more prosecutions.

The district judge ruled that anyone involved in the transportation of animals could be prosecuted over animal welfare issues, whether or not they were aware that offences have been committed.

While the RSPCA welcomed the ruling, saying the case exposed the 'horrific' nature of the trade, David Kirwan, a senior partner and head of the agricultural unit at the defence solicitor's firm, warned it could lead to mass prosecutions within the transportation trade.

In a heated discussion, Mr Kirwan shares his views on the ramifications of the ruling with David Bowles from the RSPCA.

Continuing our coverage of the floods - and how farmers are coping - Charlotte visits Colin Rayner who farms near Windsor in the Thames Valley. More than half of the 2,500 acre family farm is currently underwater.

And the US finally has a Farm Bill. Those ranchers hit by the October blizzard 'Storm Atlas' will finally be able to claim compensation for their losses, in some cases up to half of their herds. Charlotte catches up with Larry Stomprud, one of the ranchers interviewed by Farming Today during our coverage of the disaster in South Dakota. He explains what difference the Farm Bill will make to livestock businesses.

Presented by Charlotte Smith and produced in Bristol by Anna

Jones.

FRI 05:58 Tweet of the Day (b03thsg9)
Waxwing

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

John Aitchison presents the waxwing. Waxwings are winter visitors from Russia and Scandinavia where they breed in conifer forests. They head south to feed on berries and other fruits, and if these are in short supply on the Continent, the birds flood into the UK. It happens every few years or so and the sight of these punk-crested plunderers swarming over rowan and other berry-producing trees is sure to attract your attention.

FRI 06:00 Today (b03ttg7v)

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

FRI 09:00 Desert Island Discs (b03tr7hy)
[Repeat of broadcast at 11:15 on Sunday]**FRI 09:45 Book of the Week (b03ttg7x)**

The Almost Nearly Perfect People: The Truth about the Nordic Miracle

Sweden, the Perfect Society

Sweden - a country held up as a beacon of perfection by the Western world and yet disliked by its neighbours.

Journalist Michael Booth embarks on a revealing and often humorous journey through all five of the Nordic countries to discover the secrets of their success.

Reader: Gunnar Cauthery
Abridged by Richard Hamilton
Produced by Gemma Jenkins

FRI 10:00 Woman's Hour (b03ttg7z)

Nigel Farage; Virginia McKenna; Sophie Grigson

UKIP leader and MEP Nigel Farage and members of his party have made a number of what many see as sexist remarks about women. Godfrey Bloom, referred to them as 'sluts'. He claimed it was a joke. Nigel Farage talks about his party's views on women.

In the week that Marius the Giraffe was killed in Copenhagen Zoo, Virginia McKenna will be sharing her thoughts on zoos in 2014. She will also be talking about her work with animals - especially with the Born Free Foundation - which she founded 30 years ago.

And figs used to be seen as the food of the elite but now thanks to celebrity chefs they are proving increasingly popular in Britain. Supermarket sales reflect this - with sales up by 70 per cent in the past year. The cookery teacher and writer, Sophie Grigson, prepares some of her favourite fig recipes and talks about one of her favourite foods.

Presenter: Jenni Murray
Producer: Bernadette McConnell.

FRI 10:45 15 Minute Drama (b03tv0nz)
Craven: Series 4

Episode 5

Sue Craven (Maxine Peake) is woken from a night of indiscretion to news that Mark Henderson, the victim's father, is on the edge of a bridge threatening to jump.

Watende is the officer on call to the scene.

A series of breakthroughs leads us round the globe to a number of leads close to home and to the conclusion of the series.

Each day throughout this series, additional scenes are carried on into films available on BBC iPlayer and the Radio 4 website. The online film continues on from the climax of this episode with a very personal plea to parents from the victim's father.

Created by Amelia Bullmore
Written by Michelle Lipton

Executive Producer: Nicola Shindler
Sound Engineer / Sound Designer: Eloise Whitmore
Police Consultant: Keith Dillon
Production Assistant: Catherine Ames

Director / Producer: Justine Potter

A Red Company production for BBC Radio 4.

FRI 11:00 Whatever Happened to Community? (b03lpc08)
Reconstructing Community

Giles Fraser has left a glittering job as Canon Chancellor of St Paul's Cathedral and is now working as the priest of a run-down parish in Elephant and Castle. This has set him thinking about the nature of community, which he investigates in this very personal series.

In this final programme he asks what lies at the heart of community. Is it possible to intervene to make communities stronger?

Giles visits the RSA project in Bristol, Social Mirror. Its aim is to combat a growing plague of loneliness, especially amongst older people. Gaia Marcus, who runs the project, believes that a lack of social connectedness can impact heavily on mental health, well-being and life prospects. Social Mirror offers 'social prescriptions' to people visiting their doctors' surgery - including bingo, walking, tai chi, gardening and drama - forging links between individuals and building social networks.

Social geographer Jane Wills explains the role of social organising in strengthening communities. An idea born in America and made famous by Barack Obama, it is gaining currency here.

David Goodhart from the think tank Demos and Frank Cottrell Boyce, who scripted the opening ceremony of last year's Olympic Games, discuss the role of national identity.

And, in an increasingly secular age, Giles asks theologian John Milbank and priest and broadcaster Richard Coles whether there still a role for the church in building our communities.

Producer: Jane Greenwood.

A Loftus production for BBC Radio 4.

FRI 11:30 Making the Best of It (b03ttg81)
Shock Jock

DJ Asif has dragged Barry out of his room to act as on air 'posse' in his Lake Vista Care Home radio show.

But can Barry and Asif hold it together in the cupboard next to the vending machine, and make the kind of radio magic which will propel Asif all the way to a photocopying placement with Chris Evans?

Starring Adil Ray and Roy Hudd

The first in a series of comedies developed with the Comedians Theatre Company.

Asif Adil Ray
Barry Roy Hudd
Norman Peter Polycarpou
James Peter Polycarpou
Rupert Peter Polycarpou
Leonard Steve Toussaint
Anish Anil Desai
Kevin Anil Desai
Vlad Anil Desai
Doris Priyanga Burford
Emily Carolyn Pickles
Marie Carolyn Pickles

Written by Dave Florez

Director: Jonquil Panting.

First broadcast on BBC Radio 4 in February 2014.

FRI 12:00 You and Yours (b03ttg83)

Peter White with a focus on flood proofing for homes. Also the new greener petrol that might leave your car less fuel efficient. And looking ahead to the Plus Size Fashion Weekend in London.

FRI 12:57 Weather (b03trqq8)
The latest weather forecast.

FRI 13:00 World at One (b03trqqb)

Gloucester prepares for rising river levels. Shadow Attorney General, Emily Thornberry tells Shaun Ley that the CPS must continue to prosecute historic sex offences despite two high profile failures to convict. Academic, Mary Beard on why women's voices are shut out of public debate. Three PMs in twelve months in Italy and no elections. And councils bend to the will of Whitehall to keep tax rises down.

FRI 13:45 A Brief History of Mathematics (b00stcgv)
Nicolas Bourbaki

This ten part history of mathematics from Newton to the present day, reveals the personalities behind the calculations: the passions and rivalries of mathematicians struggling to get their ideas heard. Professor Marcus du Sautoy shows how these masters of abstraction find a role in the real world and proves that mathematics is the driving force behind modern science.

Today, the mathematician that never was, Nicolas Bourbaki. A group of French mathematicians, working between the two world wars and writing under the pseudonym Nicolas Bourbaki transformed their discipline and paved the way for several mathematical breakthroughs in the 21st century.

Producer: Anna Buckley

From 2010.

FRI 14:00 The Archers (b03tt7lc)
[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Drama (b03tmdp)
John Banville - Bowen and Betjeman

4 Extra Debut. Award-winning novelist, John Banville, imagines an encounter between Elizabeth Bowen and John Betjeman as they meet for luncheon in a Dublin hotel during the Second World War. As their conversation ranges over their lives, their loves, their politics, we are given a portrait of wartime Dublin and London and of the place of the artist in a world at war.

Writer John Banville
Director Gemma McMullan
Producer Gemma McMullan.

FRI 15:00 Gardeners' Question Time (b03tmdr)
Lowestoft

Eric Robson hosts the horticultural panel programme from Lowestoft, Suffolk.

Bob Flowerdew, Pippa Greenwood and Anne Swithinbank take questions from the audience of local gardeners.

We send Bob Flowerdew back to the classroom to find out how students are engaging with the delights of horticulture - and James Wong visits Thanet Earth, Kent to ask whether it is possible to grow tomatoes throughout the winter.

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

This week's questions:

Q. The new growth on the Laurel hedge is beautiful. However, after a short while a powder appears on it and the leaves curl up. Could the panel explain what the powder might be?

A. It's likely to be powdery mildew. On Laurels it often causes little patches on the leaves to die and drop away making the leaves look moth-eaten. It is common on Laurel due to their dense build, which means there is poor air circulation and the muggy air is ideal for powdery mildew. Powdery mildew infections are worse in dry soil. Try layering mulch around the base of the hedge.

Q. Could the panel suggest plants for my small west-facing garden. I would like them to require little maintenance, be scented and attract butterflies and wildlife?

A. Buddleia is easy, tough and butterflies love it. Try a Daphne Transatlantica Eternal Fragrance as it flowers from spring all the way through until the end of the summer. Another recommendation is the Ceanothus Puget Blue which is very popular with bees and smells fabulous.

Q. Is the freezer a good place to keep seeds?

A. Bob prefers a dead fridge, as they are the perfect temperature. He would not recommend putting tender seeds in the freezer but hardy seeds should be fine however there are no obvious benefits from doing so. Pippa would go for a fridge over a freezer - however it is important to note dryness is very important so, if you can, use a separate small fridge. Seeds you know to be poisonous should not be kept in your fridge or freezer.

Q. Sheep Sorrel has invaded my lawn. How do I get rid of it without using chemicals and how affective are it's seeds in causing it to proliferate?

A. If you do not want to use chemicals then another way to look at the problem is to think how you can make the grass grow

better and out-compete the sorrel. Aerate the soil, feeding the grass and make the climate favour the grass over the Sheep Sorrel.

Q. I would like to grow a Fuchsia from seed but my attempts have never been very successful. What is the key to getting a new plant to develop?

A. Avoid planting the entire fruit; extract the seed first. Try out different methods of extraction such as extracting or macerating them in water. Try planting the seeds both fresh and after being stored for a couple of months to see which method works best. Fuchsia fruit makes great jam!

Q. As a non-vegetable eating allotment holder, could the panel recommend anything weird and wonderful to grow in my greenhouse?

A. Oriental vegetables would be great fun to grow, for example Mizuna, Pak choi, Garlic and Onions. Try growing peanuts by them in a husk in a pot. Once they begin to grow you will need to move them into a border or an extremely large pot because the flowers push themselves into the ground. Dig them up in the autumn. A final suggestion would be Lemongrass. Look for pieces with a stub on the bottom and place them in a glass of water on a windowsill. Once it has grown roots simply pot it up.

FRI 15:45 The BBC and All That (b01p0vfv)
Episode 2

Roger Eckersley was persuaded in 1923 to give up his loss-making chicken farm and join the newly formed BBC. He stayed there for the rest of his career, holding many positions including Director of Entertainment.

Eckersley's memoirs, The BBC and All That, published in the 1940s, include beautifully drawn descriptions of the first month in the now iconic Broadcasting House, after the BBC moved there in 1932 from Savoy Hill. He often smuggled in small groups of friends for unofficial tours of the hidden areas of the BBC, including drama studios, sound effects stores and the boiler room in the basement - his favourite.

He had a wonderfully unstuffy and rebellious nature - surprisingly appropriate for a BBC that was regarded by the Establishment of the time as an unruly upstart. He relished tales of being banned from broadcasting live football commentaries, so paying a string of eye-witnesses to leave the ground at regular intervals and give descriptions of the action they had just seen. He was part of the Pronunciation Committee when George Bernard Shaw and poet laureate Robert Bridges almost came to blows over the how to say "acoustic", and found himself in a discussion about jazz with Queen Mary during which, he learned from an appalled friend afterwards, he had persisted in calling her "My Dear".

The BBC and All That brings to life once more the feelings of awe and excitement experienced by the radio pioneers who worked within the walls of the brand new Broadcasting House.

Abridged and Produced by Neil Cargill

A Pier production for BBC Radio 4.

FRI 16:00 Last Word (b03tmdt)
Prof Stuart Hall, Jean Babilée, Tony Crook, Shirley Temple Black

Matthew Bannister on

The influential sociologist Professor Stuart Hall. He was a pioneer of the discipline of cultural studies and coined the term "Thatcherism" in 1979.

The French ballet dancer Jean Babilée, one of the greatest of his generation. Leslie Caron - who danced with him - pays tribute and admits she fell in love with him.

Tony Crook, the racing driver who went on to run the Bristol Car company. Stirling Moss recalls his old adversary.

And Shirley Temple Black - the child star who became a diplomat.

Producer Simon Tillotson.

FRI 16:30 Feedback (b03tmdw)
Should the Today programme have invited Lord Lawson, a former Chancellor of the Exchequer and now chairman of the Global Warming Policy Foundation, to comment on climate change? On Thursday morning, as the floods across Britain continued to make the headlines, Feedback listeners poured scorn on a Today programme discussion between Lord Lawson and Sir Brian Hoskins, a government climate change adviser from Imperial College in London. We'll hear why they were so angered by the debate.

The other issue dominating our inbox this week is the change to the radio section of BBC iPlayer. Changes to the way listeners access their favourite programmes on demand have caused confusion for some users, who contacted us asking why the switchover has happened - and without warning. Mark Friend, the Radio Controller for Multiplatform, takes to the phones in an iPlayer clinic with frustrated listeners.

We'll also be finding out how our intrepid radio swap listeners Edward Harkins and Katherine Wilson have been finding their new breakfast listening. Katherine, a die-hard Today fan, headed north for her news to Good Morning Scotland - which has been Edward's breakfast show of choice for years. They chat with James Naughtie, who's currently occupying both territories as a voice on Today and on Good Morning Scotland.

Scotland has been on the minds of many listeners, north and south of the Scottish border, ahead of the referendum in September. Roger Bolton speaks to the Editor of BBC Scotland's Referendum Unit, John Mullins, to find out how the BBC tries to ensure its coverage is unbiased.

Producers: Karen Pirie and Katherine Godfrey
A Whistledown production for BBC Radio 4.

FRI 17:00 PM (b03ttmdy)

Coverage and analysis of the day's news. Including Weather at 5.57pm.

FRI 18:00 Six O'Clock News (b03trqqd)

The latest national and international news from BBC Radio 4.

FRI 18:30 The News Quiz (b03ttmf0)

Series 83

Episode 1

A satirical review of the week's news, chaired by Sandi Toksvig, with guest panellists Samira Ahmed, Susan Calman, and Phill Jupitus, joining regular guest Jeremy Hardy.

Produced by Lyndsay Fenner.

FRI 19:00 The Archers (b03ttmf2)

It's Valentine's Day. At the Bull, Kenton has worked hard getting everything looking traditionally romantic downstairs. Competitive Jolene teases him about her raunchy preparations for her singles night upstairs.

Neil and Susan are full of romance. PC Harrison Burns arrives for the meal with his girlfriend. Justine seems rather high maintenance and soon abandons him for a better offer.

Upstairs, Jazzer's on the pull, going after the "leaflet lassie", Melanie. Jolene organises sexy ice-breakers games for the singles night, leaving Kenton rather jealous as he's busy downstairs.

Jazzer scoffs Justine's unwanted meal but nearly chokes when he learns that Harrison is a police officer. Jazzer encourages newly-available Harrison to come up to the singles night, and is then furious when Harrison gets off with Melanie.

Henry wants Rob to read him a story, but Rob is away for the night. With Henry asleep, Helen plans a quiet evening in. But a drunken Jess turns up to see Rob and soon realises that Helen has moved in.

Helen makes it clear that she and Rob are serious about each other. But Jess comes back with venom, saying Helen has no idea what she has taken on. Jess shocks Helen by saying that Rob was with her last Thursday. He wasn't in Essex, he was in her bed.

FRI 19:15 Front Row (b03ttmf4)

Kevin Spacey, The Lego Movie, Glenn Patterson, film Q&As

With Kirsty Lang

As the US political drama House of Cards returns for its second season, actor and producer Kevin Spacey discusses the success of streaming and looks ahead to his plans for his remaining 18 months as artistic director of the Old Vic theatre in London.

The Lego Movie was the big hit at the U.S. box office last weekend, taking almost three times as much as The Monuments Men, and winning rave reviews in the process. Critic Jane Graham considers whether it's really just a long advert for a toy company.

Belfast novelist Glenn Patterson's new novel The Rest Just Follows focuses on three teenagers in the city who are growing up amidst the Troubles in the 1970s. Patterson discusses the setting for his book, and his nomination for this weekend's

BAFTA awards for his screenplay for the film Good Vibrations.

John Travolta jets into London this weekend to take part in an on-stage interview about his career, following the example of Al Pacino and Sylvester Stallone who also spent "An Evening With" a British audience. Writer Antonia Quirke considers the appeal of the film star Q&A.

Producer Jerome Weatherald.

FRI 19:45 15 Minute Drama (b03tv0nz)

[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b03ttmf6)

Keith Vaz MP, Pauline Black, George Eustice MP, Lisa Duffy

Jonathan Dimpleby presents political debate and discussion from Central Hall Methodist Church in Walsall with Chairman of the Home Affairs Committee Keith Vaz MP, Fisheries and Farming Minister George Eustice MP, Pauline Black from The Selecter and UKIP Party Director Lisa Duffy.

FRI 20:50 A Point of View (b03ttmf8)

Money Matters

Adam Gopnik explains why he thinks the pictures on our banknotes matter. "The iconography of money is more than just decor - it displays the true convictions of the commonwealth that intends to support its value."

Producer: Sheila Cook.

FRI 21:00 Saturday Drama (b00rl20k)

Playing With Trains

Episode 2

Stephen Poliakoff is reunited with leading actor Timothy Spall in a new two-part radio version of his drama Playing With Trains, to be broadcast in March. Spall is joined by Zoe Tapper (whose recent TV credits include lead roles in Survivors, Desperate Romantics and Affinity) and Geoffrey Streatfeild (who recently starred as Hal in the RSC's History Cycle). Poliakoff and Spall previously collaborated brilliantly on the ground-breaking TV dramas Shooting the Past and Perfect Strangers.

The play tells the story of the rise and fall of Bill Galpin (Spall), a flamboyant entrepreneur who pools his fortune into backing risky inventions which are concerned with safeguarding the environment, while at the same time having a very tempestuous but poignant relationship with his two children Roxanna and Danny (Tapper and Streatfeild).

Beginning in the heady days of the late 1960s, Playing With Trains deals with the fact that Britain invents so much, yet manufactures so little. Galpin makes a fortune from a brilliant development in gramophone technology, and then turns himself into a self-appointed patron and champion of inventors and innovators everywhere, clashing with the establishment through the libel courts, speeches to captains of industry, Civil Service offices and even TV shows.

Parallel to his relationship with industry is his even more tempestuous relationship with his children. Roxanna - whom he expects to become a great engineer - drops out of Cambridge and becomes an art student in an attempt to escape her father's grip. Danny, meanwhile, turns into the very thing his father despises - a financial expert, but in so doing recognises the shortcomings of his father's enterprises.

Playing With Trains is a moving family drama set over two decades, charting a "love affair" between father and daughter. It's Poliakoff at his very best, telling an intensely private story within a sweeping public drama.

Playing With Trains was originally staged at the RSC in 1989.

The cast is completed by Helen Longworth (Frances), Joseph Kloska (Mick), Nigel Hastings (Vernon Boyce), Michael Fenton Stevens (Gant) and Bruce Alexander (QC). It was produced and directed for BBC Radio Drama Birmingham by Peter Leslie Wild.

Producer/Director Peter Leslie Wild.

FRI 21:58 Weather (b03trqqg)

The latest weather forecast.

FRI 22:00 The World Tonight (b03ttmf8)

Catholic leader, Archbishop Vincent Nichols, condemns "punitive" welfare system as "disgrace"; we hear the response of

Iain Duncan Smith's Parliamentary aide. South coast again pounded by huge waves and fierce winds; we reflect on the collective response. Penguin defends pulping of controversial book on Hinduism; Arundhati Roy tells us publisher has caused in to extremists. Bridget Kendall on the state of the Syrian peace talks in Geneva. And the scribe of Bamako turning his attention to Valentine's Day. Presented by Philippa Thomas.

FRI 22:45 Book at Bedtime (b03tzm2c)

Dubliners

Clay

Naturalistic in style, 'Dubliners' depicts an array of characters, graduating progressively from childhood, through adolescence, to maturity, culminating in the final story, 'The Dead'. The stories each centre on the idea of a moment of epiphany, but are grounded in the minutiae of daily life. Stories of love, loss, con men, friendship, alcoholism, marriage, politics and family, combine to create a unified world, a celebration of a city, in the unparalleled prose of its most famous son.

Abrider Doreen Estall
Reader Stephen Rea
Producer Stephen Wright
Music by Neil Martin.

FRI 23:00 A Good Read (b03ts4fk)

[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Today in Parliament (b03ttmf4)

Mark D'Arcy reports from Westminster.