

**SATURDAY 12 OCTOBER 2013****SAT 00:00 Midnight News (b03c46m9)**

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

**SAT 00:30 Book of the Week (b03c46nt)**

Seamus Heaney – Beowulf

Episode 10

The funeral of Beowulf.

Produced in Salford by Susan Roberts.  
Radio Drama North.

**SAT 00:48 Shipping Forecast (b03c46mc)**

The latest shipping forecast.

**SAT 01:00 Selection of BBC World Service Programmes (b03c46mh)**

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

**SAT 05:20 Shipping Forecast (b03c46mk)**

The latest shipping forecast.

**SAT 05:30 News Briefing (b03c46mm)**

The latest news from BBC Radio 4.

**SAT 05:43 Prayer for the Day (b03c4d7p)**

A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

**SAT 05:45 iPM (b03c4d7r)**

For iPM John Humphrys interviews his son about the "fear and uncertainty" of living in Greece, his home country. Christopher Humphrys tells his father that in Greece "being someone who earns money and makes a life for themselves is the minority". Your News is presented by Kate Adie. Email iPM@bbc.co.uk.

**SAT 06:00 News and Papers (b03c46mp)**

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

**SAT 06:04 Weather (b03c46mr)**

The latest weather forecast.

**SAT 06:07 Ramblings (b03c4ggd)**

Series 25

Newbiggin on Lune to Kirkby Stephen

This week's Ramblings is presented by the broadcaster and musician, Dougie Vipond, who took over the map and microphone on a beautiful July day when Clare Balding was away.

Dougie joined an amazing young girl, ten year old Annabelle Asher, on a stretch of the Coast to Coast walk from Newbiggin on Lune to Kirkby Stephen.

With her parents' support, Annabelle spent the first couple of weeks of her summer holidays walking the entire 190 mile route in order to raise money for the Welsh Guards Afghanistan Appeal.

Lieutenant Colonel Rupert Thorneloe, was the highest ranking officer to die in Afghanistan. He was a pupil at the boarding school where Annabelle's parents teach, and where Annabelle lives. When Annabelle found out what had happened to Lieutenant Colonel Thorneloe, she was determined to raise money in his memory.

Always a keen walker - once turning down a trip to Disney, for the chance to climb Snowdon - Annabelle completed the Cotswold Way last year (for the same charity), and has her sights set on the Pennine Way.

Dougie Vipond was a founding member of Deacon Blue. For BBC Scotland he presents the rural affairs TV programme, Landward, The Adventure Show, and SportsScene.

Producer: Karen Gregor.

**SAT 06:30 Farming Today (b03cct0v)**

Farming Today This Week

Charlotte Smith visits a cutting plant in Hampshire which

handles over 20,000 lambs per week. The whole animal is portioned up and used, from the loins to the bones, and for each piece of meat, there's a different market.

Export manager Graham Penny divides his time between the factory, and trade stands across the world. He's managed to sell his Welsh lamb to Canada, Singapore and even find markets in Ghana - as well as France. As well as cutting to consider, Graham needs to make sure his products are correctly weighed and labelled for the right country in order to tempt customers to buy.

Welsh lamb might be a growing export but it's not the only product which is in high demand from across the globe. British cheese, sausages, alcohol and beef are just some of the other products which customers abroad are developing an appetite for. And we find out more from some of the producers who've been showing off their wares at one of the world's biggest food and drink trade shows in Germany.

Presented by Charlotte Smith. Produced by Jules Benham.

**SAT 06:57 Weather (b03c46mt)**

The latest weather forecast.

**SAT 07:00 Today (b03cct0x)**

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

**SAT 09:00 Saturday Live (b03cctvp)**

Neil Gaiman

Richard Coles and Suzy Klein with writer Neil Gaiman, Matilda Tristram who discovered she had cancer when she was 17 weeks pregnant and decided to tell her story in a comic strip, Jazz Summers who spent 10 years trying to get out of the army, and John Levene who played the Yeti in the newly rediscovered episodes of Doctor Who. Musician Tori Amos reveals her Secret Life, The Comic Strip's Lana Pillay shares Inheritance Tracks, and John McCarthy goes to Cornwall to meet the Germans on the trail of Rosamund Pilcher.

Producer: Dixi Stewart.

**SAT 10:30 Criekey DM! David Jason's Tribute to Cosgrove Hall (b03ccz0r)**

In 1983 Cosgrove Hall Films' Danger Mouse topped the TV ratings with 21 million viewers – beating Coronation Street. To this day, the Bond-style secret agent, super hero mouse holds the record for viewers of a British children's TV show.

The voice of Danger Mouse himself - Sir David Jason - tells the colourful story of Cosgrove Hall, the legendary Manchester animation company behind so many of the nation's best-loved children's TV programmes.

For 30 years, BAFTA and EMMY award-winning animation duo Brian Cosgrove and the late Mark Hall delighted children (and often adults) with their many memorable creations - from the often surreal Chorlton and the Wheelies, Jamie and the Magic Torch, and Count Duckula, to remakes of cherished classics like Noddy, Andy Pandy and Bill and Ben.

Cosgrove Hall's extensive back catalogue also includes Wind in the Willows, Cockleshell Bay, Roald Dahl's The BFG, Engie Benjy and Kenny Everett's daft animated space adventure Captain Kremmen, as well as animated lost episodes of Doctor Who.

Sir David explores Cosgrove Hall's triumphs - as well as the tragedies that led this iconic company to close and its historic studios to be knocked down. He also considers the company's legacy and influence on today's British animation industry - and beyond.

And he offers a rare insight into its colourful working relationship with stars like Kenny Everett as well as revealing the truth behind the rumours that Danger Mouse is set to make a comeback. As DM's sidekick Penfold would say, Criekey!

Producer: Kellie Redmond

A TBI Media production for BBC Radio 4 first broadcast in 2013.

**SAT 11:00 The Week in Westminster (b03ccz0t)**

Peter Osborne of The Telegraph looks behind the scenes at Westminster.

With this week's increasing turmoil in Libya, Syria and Egypt, is David Cameron's foreign policy up to the mark? Richard Ottaway and Sir Menzies Campbell of the Foreign Affairs Select Committee, reflect on the current situation.

Bernard Jenkin and Kevin Barron express fears that the

Lobbying Bill going through parliament will interfere with MP's freedom to lobby on behalf of the electorate. Mark Field and Guardian/Observer journalist Henry Porter discuss the accountability of the intelligence services.

Plus former minister Alistair Burt relates the grisly experience of being fired from government.

The Editor is Marie Jessel.

**SAT 11:30 From Our Own Correspondent (b03ccz0w)**

Breaking the Rules

Correspondents' stories: the Champs d'Elysees is an icon of Paris, a majestic piece of town planning. So why does our man in Paris Hugh Schofield suggest, rather forcefully, that visitors should avoid it? The news caravan may have moved on from Libya, but Tim Whewell's been finding out that the country's still in the midst of a revolution. Joanna Jolly has been to Uttar Pradesh in India to report on the aftermath of fighting between Hindus and Muslims. Listening to people's stories of violence and suffering, she found herself becoming involved in ways she hadn't expected; James Coomarasamy has been to Tajikistan in Central Asia where there's mounting concern about the future, when NATO troops leave neighbouring Afghanistan; and Jonathan Head joins a group of well-heeled women in a luxury spa in Myanmar and hears stories of a country in the midst of dramatic change.

Tony Grant is the producer of From Our Own Correspondent.

**SAT 12:00 Money Box (b03ccz0y)**

Royal Mail shares; Water bill deal; Help to Buy 2

Individuals applying for shares in Royal Mail either got £749.10 worth or nothing. The cut-off point was £10,000 - if you applied for £10,000 worth or less you got 227 shares at their price of 330p each. If you applied for more than £10,000 you got nothing. Individual investors will have to wait for a couple of weeks to get the balance of their money refunded. Commercial investors could get any amount of shares - though many got nothing as it was vastly oversubscribed. And those who have already sold made a 33% profit.

Thousands of customers of a firm that promised to cut their water bills by 8% will have to pay twice for their water after the firm went out of business this week. SmartSource Water took monthly payments and promised to meet their water bills after negotiating a reduction with the supplier. But earlier this year SmartSource Water stopped passing on money to water companies leaving some customers in debt and with estimates of up to £4 million missing.

Five major lenders have now signed up for the Government's mortgage guarantee scheme known as Help To Buy 2. It will enable lenders to offer 95% mortgages with the Government insuring some of the risk to refund 14.25% of any loss. Only two have announced the rates they will charge and one has reported queues and major interest from customers. But another bank, Yorkshire and Clydesdale, is already offering a better deal outside the scheme. What should buyers be aware of before taking the offer up?

The retailer John Lewis has upset former staff by refusing to reimburse them for underpaid wages. But it is giving compensation to current employees and retirees. These ex-employees may have a legal case. But can they afford the new £250 fee to go to an Employment Tribunal? A lawyer explains their rights.

Your call is valuable to us. Especially if it is on a 08 number where the recipient makes money as well as the carrier. New EU rules will mean that retail firms have to offer customers complaint lines where normal landline costs apply. But there are exemptions - financial firms and holiday suppliers among them can continue to make us pay when they fail us. Why?

**SAT 12:30 The Now Show (b03c4895)**

Series 41

Episode 3

Steve Punt and Jon Culshaw present a comedic look at the week's news, providing a topical mix of stand-up, sketches and songs that tell you everything you need to know. With Nick Doody, Gareth Gwynn and Pippa Evans.

**SAT 12:57 Weather (b03c46mw)**

The latest weather forecast.

**SAT 13:00 News (b03c46my)**

The latest news from BBC Radio 4.

**SAT 13:10 Any Questions? (b03c48m9)**

Ed Davey, Chris Leslie, David Aaronovitch, Linda Whetstone

Jonathan Dimpleby presents political debate and discussion from Northampton with the Secretary of State for Energy and Climate Change Ed Davey MP; Shadow Chief Secretary for the Treasury Chris Leslie MP; Times writer David Aaronovitch; and Linda Whetstone from the Network for a Free Society.

**SAT 14:00 Any Answers? (b03ccz10)**

Green energy taxes; National football teams

In light of soaring bills and the threat of blackouts, is it time to suspend Green Energy taxes? They have been blamed for contributing to our soaring energy prices. But would this be short sighted?

And is Arsenal midfielder Jack Wilshere right to say that only English people should play for England?

The chair of the Football's Association race equality advisory group says that his comments were "unhelpful and misguided". So how English is English enough for our national team?

The phone number is 03700 100 444. E-mail anyanswers@bbc.co.uk, tweet using the hashtag BBCAQ, text 84844.

The presenter is Anita Anand. The producer is Alex Lewis.

**SAT 14:30 Saturday Drama (b03ccz12)**

Christopher Reason - The Confessions of Caminada

The Confessions of Caminada by Christopher Reason

Jerome Caminada was a real life detective in nineteenth century Manchester. This drama is based on a real life case from his memoirs. It is 1889 and eighteen year old Charlie Parton has been convicted of murder of a respected local councillor. He faces execution but prominent social campaigner Mrs Annie Swinton knows the lad and refuses to believe he is guilty.

Caminada.....George Costigan  
Annie Swinton.....Julia Ford  
Father Dermot/Bannister.....Russell Dixon  
Fletcher/Wood.....Jonathan Keeble  
Moods.....Justin Moorhouse  
Charlie.....Oliver Lee  
Producer/Director Gary Brown

Manchester is gripped by an economic depression, the political atmosphere is febrile, there are demonstrations on the streets and crime is spiralling. Only this isn't 2013, it's the 1880s and the man keeping chaos at bay is Detective Inspector JEROME CAMINADA. Combining high principles with low cunning, he cracks down on both political dissent and criminality with single-minded ruthlessness. And yet for all his hard nosed pragmatism, he is capable of moments of insight, humour and compassion. The man is an enigma.

**SAT 15:30 Julie Fowllis' Heritage Well (b01r17cy)**

Acclaimed Gaelic singer and multi-instrumentalist Julie Fowllis has taken the songs she learnt from her native Outer Hebrides to Hollywood.

Her music, learnt from oral tradition and archives of an almost extinct way of life, now graces the screens of hit movies such as Disneyland Pixar's Brave and entertains audiences at major international events such as the Ryder Cup.

Since a very young girl, Julie has been on a mission to celebrate and preserve her culture through its music. She now wants to encourage the next generation of Scots to do the same.

Tobar an Dulchais/Kist o Riches (well of heritage) is an ambitious project that aims to preserve and make accessible several thousand hours of Gaelic and Scots recordings from the School of Scottish Studies, BBC and the National Trust for Scotland's Canna Collection. There are already more than 30,000 songs, stories and tunes available online for anyone to hear.

Julie's role as Gaelic Artist in Residence for Tobar an Dualchais involves working with students and this immense online archive of recordings to create new songs and interpretations. Many of these students will never have heard this traditional material before so the outcome is bound to be exciting, contemporary and surprising.

As we follow the students through this process from beginning to end, Julie remembers trawling through the archives herself, searching for material for her early recordings. She takes us back to her home - the Island of North Uist - and takes a trip to the tiny Island of Scalpay to talk to one of the great experts on Gaelic song Morag MacLeod. She also hears from the BBC's former head of Gaelic Jo MacDonald and singer Eddi Reader.

Producer: Kellie While

A Smooth Operations production for BBC Radio 4.

**SAT 16:00 Woman's Hour (b03ccz14)**

Weekend Woman's Hour: Women in Music Special

Lauren Laverne presents a special edition of the programme dedicated to Women In Music to mark the 6Music Peel Lecture by Charlotte Church on sexism, sexualisation and the representation of women in music. Lauren is joined by Charlotte Church, plus Amanda Palmer, feminist punk Kathleen Hanna of Bikini Kill and Le Tigre, the first female radio DJ Annie Nightingale, DJ Annie Mac, Lauren Mayberry of Chvrches, Deputy Editor of the NME Eve Barlow, music Journalist and Lecturer Jacqueline Springer, Music Producer Adrienne Aitken, and Amber Davis, A and R at Sony. Also with live performance from Agnes Obel, and with contributions from Shirley Manson, Stevie Nicks, Tori Amos, Yoko Ono, and Kanya King.

Presenter Lauren Laverne  
Producer Emma Wallace.

**SAT 17:00 PM (b03ccz16)**

Saturday PM

Full coverage of the day's news.

**SAT 17:30 The Bottom Line (b03c4hts)**

The Business of War

Where there is war and fear there's money to be made from protection. In The Bottom Line, Evan Davis talks to ex-army leaders turned businessmen about the world of private defence and security work.

Why are governments employing private contractors to do work previously done by the armed forces? How do those businesses maintain their reputations in such a controversial sector?

Guests:

Major General Graham Binns CBE, DSO, MC, a former British army officer, now CEO of Aegis Defence Services Limited.

Major General Andrew Pringle, CB, CBE, President of KBR UK and a former British army officer.

Gabriel Carter, Managing Director of LPD Risk Management.

Producer: Smita Patel.

**SAT 17:54 Shipping Forecast (b03c46n0)**

The latest shipping forecast.

**SAT 17:57 Weather (b03c46n2)**

The latest weather forecast.

**SAT 18:00 Six O'Clock News (b03c46n4)**

The latest national and international news from BBC Radio 4.

**SAT 18:15 Loose Ends (b03ccz18)**

Jim Broadbent, Lindsay Duncan, Tayo Aluko, Patrick McCabe, Femi Oyeniran, Danny Wallace, AlunaGeorge, Johnny Flynn

The weekend is upon us and Clive talks to actors Jim Broadbent and Lindsay Duncan, who are starring as a married couple in 'Le Week-End'. Meg and Nick revisit Paris to revitalise their marriage, yearning to recapture their youthful fearlessness and idealism. A chance meeting with an old friend gives them a new vision on life and love. 'Le Week-End' is showing at UK cinemas now.

Clive has Breakfast on Pluto with author and Butcher Boy Patrick McCabe, whose new book 'Hello And Goodbye' is a Halloween horror double-bill. 'Hello Mr Bones' is the story of two damaged souls whose fate is decided when evil runs riot the night of the impossible hurricane. And in 'Goodbye Mr Rat', an IRA bomber watches over his ex-lover as she takes his ashes to his rural hometown.

Danny Wallace is in the hood with Femi Oyeniran. Having starred as 'Moony' in 'Kidulthood' and 'Adulthood', Femi's now co-written, co-directed and is starring in 'It's a Lot', playing privileged Shawn, who doesn't fit into the world his parents hoped he would. Deliberately deceiving his family, he enrolls at his cousin's college, discovering a world of girls, parties and excitement that he's been craving.

Clive sings 'Ol Man River' with writer and performer Tayo Aluko, whose one man show tells the story of singer, actor and tragic hero Paul Robeson, persecuted for his radical politics and

civil-rights campaigning. 'Call Mr. Robeson' takes a journey through Paul's life and career. It's at Tristan Bates Theatre, London until Saturday 26th October.

With music from popmistic duo AlunaGeorge, who perform 'Your Drums Your Love' from their debut album 'Body Music'.

And more music from folk rocker and actor Johnny Flynn, who performs 'The Lady is Risen' from his album 'Country Mile'.

Producer: Sukey Firth.

**SAT 19:00 Profile (b03ccz1b)**

Maaajid Nawaz

This week saw the surprising exit from the English Defence League of its leaders Tommy Robinson and Kevin Carroll. Instrumental in their decision to leave was Essex-born Maaajid Nawaz, a former activist for the Islamist organisation Hizb ut-Tahrir. Arrested in 2001 for attempting to revive the group in Egypt, he served four years in a Cairo jail. Today, he has renounced his old beliefs and now runs the Quilliam Foundation, a 'counter extremism' think tank run by former activists. He has also been selected by the Liberal Democrats to fight a marginal parliamentary seat in 2015. Mark Coles looks at his life.

Producer: Ben Crighton.

**SAT 19:15 Saturday Review (b03ccz1d)**

The Commitments musical; Le Week-End

Roddy Doyle's The Commitments, the Dublin-set musical arrives at the Palace Theatre in London. With Killian Donnelly as lead singer Deco, will it win the public's hearts as the book and the film did?

Lindsay Duncan and Jim Broadbent are a long-married couple who go to Paris for Le Week-end to celebrate their 30th anniversary - in a trip that soon puts the marriage to the test. Scripted by Hanif Kureishi and directed by Roger Michell, it's their third feature film collaboration.

The Circle by Dave Eggers is the story of Mae, a naive young employee of the world's most powerful internet company. Is it a Brave New World or 1984 for our time, as some have called it?

Facing the Modern: The Portrait in Vienna 1900 at the National Gallery in London is a look at the flourishing of portraiture in the multi-cultural, multi-faith city during and after the fin-de-siecle, including work by Klimt, Schiele and Richard Gerstl.

Hello Ladies is Stephen Merchant's new California-based comedy which will be showing on Sky Atlantic here. He plays an Englishman lost in LA and looking for love - but does he deserve to find it?

Tom Sutcliffe is joined by Deborah Bull, Naomi Alderman and Patrick Gale.

Producer: Sarah Johnson.

**SAT 20:00 Archive on 4 (b03cd572)**

The World Turned Upside Down

Peter Day has now presented Radio 4's In Business programme for 25 years, and he uses this wealth of archive to argue that during that time, the world of manufacture and trade has been turned upside down.

We've gone from mass production for mass markets, as started by the Ford assembly line 100 years ago, to a world of customised trading for individuals. This has largely been caused by the internet, which is revolutionising the world of manufacture and commerce in a way that's as profound as that caused by the advent of printing 500 years ago.

As the Silicon Valley executive Joe Kraus once told In Business, instead of "dozens of markets of millions", we now have "millions of markets of dozens". Just think E-bay. Companies have started to listen to mass-customisation guru Joe Pine, who spoke on the programme a few years ago and said that "consumers don't want choice, they just want exactly what they want".

The internet makes individualised trading possible, and technology is increasingly making individualised manufacturing possible, too. Not just by companies, but ultimately by consumers themselves: in a few years' time, we may be able to buy "smart sand", that can be digitally programmed to shape itself into one tool, and when you're done with it, you dissolve it before re-assembling the "sand" into another tool, as per your needs.

Producer: Arlene Gregorius.

**SAT 21:00 Classic Serial (b03c2myq)**

Evelyn Waugh - Sword of Honour

Men at Arms, part 2

by Evelyn Waugh  
dramatised by Jeremy Front.

The Halbadiers are yet to see action so Guy spends his time aiding Apthorpe with the concealment of his Thunder box - a portable latrine. And Guy's ex-wife Virginia makes a reappearance in his life.

Directed by Sally Avens

Waugh's trilogy of WWII novels mark a high point in his literary career. Originally published as three volumes: Officers and Gentlemen, Men at Arms and Unconditional Surrender they were extensively revised by Waugh, and published as the one-volume Sword of Honour in 1965, in the form in which Waugh himself wished them to be read. They are dramatised for the Classic Serial in seven episodes.

This is a story that continues to delight as we follow the comic and often bathetic adventures of Guy Crouchback. Witty and tragic, engaging and insightful, this work must be counted next to 'Brideshead Revisited' as Waugh's most enduring novel. Like Brideshead, Waugh drew heavily upon his own experiences during WWII. Sword of Honour effortlessly treads the line between the personal and the political - it is at once an indictment of the incompetence of the Allied war effort, and a moving study of one man's journey from isolation to self fulfilment. His adventures are peopled by colourful characters: the eccentric, Apthorpe, one-eyed, Ritchie-Hook, promiscuous, Virginia Troy. At the centre of the novel is Guy for whom we never lose our sympathy as he emerges from his adventures bowed but not broken. From Dakar to Egypt, the Isle of Mugg to the evacuation of Crete, tragedy is leavened by Waugh's acerbic and farcical comedy.

**SAT 22:00 News and Weather (b03c46n6)**

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

**SAT 22:15 Moral Maze (b03c49xh)**

It was a complex and nuanced ruling, but its ramifications could be profound. Keir Starmer, the Director of Public Prosecutions, yesterday explained why it was right not to charge two doctors over claims they offered abortions based on gender. It wasn't just that on the facts in these cases it would not be possible to prove that either doctor had carried out gender-specific abortions, but also that the 1967 Abortion Act doesn't expressly prohibit such abortions. The ruling has highlighted what for some is the vague and unsatisfactory nature of the law on abortion. Mr Starmer accepted that some would disagree with his decision, but says that if current arrangements are deemed unsatisfactory, it may be time for others to tighten or change the law. The act is now nearly fifty years old and over that time our social values have changed almost as much as our scientific knowledge in this field. So what are the moral tests we should apply today to what should be one of the most profound moral choices we face?

Combative, provocative and engaging debate chaired by Michael Buerk with Panellists:  
Claire Fox, Melanie Phillips, Anne McElvoy and Giles Fraser.  
WITNESSES: Professor John Millbank, Professor in Religion, Politics and Ethics Nottingham University; Dr Sarah Chan, Deputy Director Institute for Science, Ethics and Innovation, Manchester University; Dr Trevor Stammers, Programme Director in Bioethics and Medical law, St Mary's University College Twickenham; Professor Wendy Savage, Professor in Middlesex University's Health And Social Sciences Department, and a member of Doctors for Women's Choice on Abortion.

**SAT 23:00 Round Britain Quiz (b03c2zw2)**

(4/12)

What common feature is shared by the Northern Territory's most famous landmark, the President of Kenya, and an operating system you may have on your laptop?

The teams from the North of England and the Midlands convene this week to tackle cryptic puzzles such as this, with Tom Sutcliffe in the chair to ensure fair play and to steer them in the right direction when they seem to be going off at tangents.

Diana Collecott and Jim Coulson make up the North of England team, while Rosalind Miles and Stephen Maddock appear for the Midlands.

As usual Tom will be dipping into the mailbag for question suggestions from Round Britain Quiz listeners.

Producer: Paul Bajoria.

**SAT 23:30 Poetry Please (b03c2myy)**

Charles Causley Part 2

Roger McGough presents a second selection of requests for Charles Causley's poems ten years after his death. Including BBC archive of the poet reading and new recordings of his poems by poets Simon Armitage and Andrew Motion.  
Producer: Tim Dee.

**SUNDAY 13 OCTOBER 2013****SUN 00:00 Midnight News (b03c707q)**

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

**SUN 00:30 Afternoon Reading (b010dsw8)**

Tales from the Casino

Three Before Eight

It is all about ritual. Saturday comes and Rob, a seasoned DJ at the Casino, is sorting through and packing his records for the night.

Between 1973 and 1981 Wigan Casino was arguably the ultimate venue for Northern Soul music. Young people from all over the UK regularly made the trek to Wigan to dance to the latest Northern Soul artists. Queues to get in were sometimes five or six people deep, and stretched quite a way up the road. The highlight was the weekly all-nighter, with Russ Winstanley as DJ, which traditionally ended with three songs that became known as the Three Before Eight: "Time Will Pass You By" by Tobi Legend, "Long After Tonight Is Over" by Jimmy Radcliffe and "I'm On My Way" by Dean Parrish.

These three specially-commissioned stories by Laura Barton (herself from Wigan) hark back to a time when the town threw off the image created by George Orwell and the Casino was voted 'Best Disco In the World' by American Billboard Magazine.

Laura Barton was born in Lancashire in 1977. She is a freelance writer of features and music columns, notably 'Hail, Hail, Rock 'n' Roll' for the Guardian. Her first story for radio, The Carpenter, was broadcast in 2009 as part of Sweet Talk's We Are Stardust, We Are Golden series for BBC Radio 4. Twenty-One Locks, her debut novel, was published in 2010. Laura lives in London.

Written by Laura Barton. Read by Daniel Rigby.

Producer: Jeremy Osborne

A Sweet Talk Production for BBC Radio 4.

**SUN 00:48 Shipping Forecast (b03c707x)**

The latest shipping forecast.

**SUN 01:00 Selection of BBC World Service Programmes (b03c7083)**

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

**SUN 05:20 Shipping Forecast (b03c7087)**

The latest shipping forecast.

**SUN 05:30 News Briefing (b03c708q)**

The latest news from BBC Radio 4.

**SUN 05:43 Bells on Sunday (b03cd94f)**

The bells of Howden Minster in East Yorkshire.

**SUN 05:45 Profile (b03ccz1b)**

[Repeat of broadcast at 19:00 on Saturday]

**SUN 06:00 News Headlines (b03c7091)**

The latest national and international news.

**SUN 06:05 Something Understood (b03cd94h)**

Peeling the Dragon Skin

Eustace Clarence Scrubb is a thoroughly unlikeable boy. He learns his lesson, in CS Lewis's book The Voyage of the Dawn Treader, when he is transformed into a dragon.

Inspired by Eustace's story, John McCarthy explores our relationship to our skins and how what's inside us is affected and shaped by what is outside us.

John considers how a tough hide can make us feel safe but can also get in the way, inhibiting our attempts to build meaningful relationships. He questions our assumptions about how physical ugliness might be linked to emotional or mental worth, and meets John Furse, film and television director and writer, who has suffered from a condition called Body Dysmorphic Disorder since youth. This debilitating mental illness causes sufferers to focus obsessively on what they see as horrific defects in their appearance.

As Eustace-the-dragon hankers for transformation, John considers why real change is so hard and frightening for many of us, and how every new beginning is intrinsically bound up with something ending. And as he explores what Lewis's rich and strange tale reveals about human nature. John also finally reveals what happens to Eustace.

The programme includes readings from CS Lewis, Dorothy L Sayers, Janet Malcolm, Roald Dahl and TS Eliot, with music by Benjamin Britten, Simon and Garfunkel and Igor Stravinsky.

Presenter: John McCarthy

Producer: Kate Taylor

A Whistledown production for BBC Radio 4.

**SUN 06:35 On Your Farm (b03cd94k)**

Feeding the Concrete Cow

The land surrounding Severn Trent Water's Stoke Bardolph sewage treatment works has been used historically for recycling sewage waste and so cannot be used to grow crops for human consumption, because of contamination. But the farm lies close to the River Trent and is well drained and extremely fertile. In 2010 Severn Trent Water invested £15 million in an anaerobic digester, which is now the UK's largest Energy Crop Anaerobic Digestion plant. Each day 100 tons of crop silage grown on the farm estate is fed into the plant to be anaerobically digested. The silage is converted into methane which is then used to produce 15GWh of electricity a year, equivalent to supplying around 4,500 homes. It also powers the adjoining sewage works. The waste produced at the end of the process makes a good natural fertiliser which is re-applied to the land to help grow next year's crop.

The farmer compares the process to feeding a concrete cow. On Your Farm visits the estate as the maize is being harvested, to see this concrete cow at work.

Presented by Sybil Ruscoe. Produced by Beatrice Fenton.

**SUN 06:57 Weather (b03c7093)**

The latest weather forecast.

**SUN 07:00 News and Papers (b03c7097)**

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

**SUN 07:10 Sunday (b03cd94m)**

Spiritual wellbeing: Quilliam; Haggadah

The Government's Care Bill is currently going through Parliament. It aims to modernise the law to put people's wellbeing at the heart of the care and support system. It doesn't include an explicit recognition for people's 'spiritual well being'. The Government argue that this is implicitly taken care of within the 'provision of individual well being'. Liberal Democrat Peer Baroness Barker and Labour Peer Lord Warner discuss the issue with our presenter Edward Stourton.

Choje Akong Rinpoche who founded the first Tibetan Buddhist Monastery in the UK back in 1967, was killed in China this week. Edward looks at how influential he was with author and journalist Mick Brown.

Mary McConahay, from the National Catholic Reporter talks to Edward about the decision by the Roman Catholic Church in El Salvador to close its human rights and legal aid office, Tutela Legal.

Trevor Barnes reports on the growth in bogus travel packages for unsuspecting Hajj pilgrims.

Thabo Magkoba, Archbishop of Cape Town, explains why the African Church needs to respond positively to homosexuality.

Reporter Bob Walker takes a look at the anti-extremism think-tank Quilliam and the motivation behind their alliance with the Founder of the English Defence League.

And Edward views a recently uncovered 18th Century Manuscript containing Jewish ancient writings known as the Haggadah, with auctioneer Adam Patridge and Dr Yaakov Wise, from the Centre of Jewish and Middle Eastern Studies at the University of Manchester.

Producers:  
Jill Collins  
Carmel Lonergan

Contributors:  
Baroness Barker  
Lord Warner  
Mick Brown, Author and Journalist  
Mary McConahay, National Catholic Reporter  
Thabo Magkoba, Archbishop of Cape Town  
Adam Partridge  
Dr Yaakove Wise.

**SUN 07:55 Radio 4 Appeal (b03cd94p)**  
Farm Africa

Michael Palin presents the Radio 4 Appeal on behalf of the charity Farm Africa.  
Reg Charity: 326901  
To Give:  
- Freephone 0800 404 8144  
- Freepost BBC Radio 4 Appeal, mark the back of the envelope Farm Africa.  
Give Online [www.bbc.co.uk/radio4/appeal](http://www.bbc.co.uk/radio4/appeal).

**SUN 07:57 Weather (b03c709k)**  
The latest weather forecast.

**SUN 08:00 News and Papers (b03c709m)**  
The latest news headlines. Including a look at the papers.

**SUN 08:10 Sunday Worship (b03cd94r)**  
from St Margaret's Episcopal Church in Newlands, Glasgow, with the Rev Scott Robertson and Glasgow Chamber Choir directed by Michael Bawtree.

**SUN 08:48 A Point of View (b03c49cj)**  
Cross Border Science

Lisa Jardine reflects on the internationalism that underpins the progress of science in a week when individual nations celebrate their Nobel prize winners. "Science has always ignored national borders, in pursuit of the fullest possible understanding of nature."

Producer: Sheila Cook.

**SUN 08:58 Tweet of the Day (b03bkdpz)**  
Pink-Footed Goose

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

Wildlife Sound Recordist, Chris Watson, presents the Pink-Footed Goose. To see and hear a skein of pink-footed geese as they fly from their roost on coastal mudflats to feed inland is a stirring experience. In winter the British Isles hosts well over half the global population of pinkfeet.

**SUN 09:00 Broadcasting House (b03cd94t)**  
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 (b03cd94w)**  
For detailed synopsis see daily episodes.

**SUN 11:15 Desert Island Discs (b03cd94y)**  
Chris Packham

Kirsty Young's castaway is the naturalist, Chris Packham.

TV presenter, filmmaker, writer, photographer, every bit of his work revolves around wildlife. If he's not busy telling us why we should love midges he's enthusing about the hearing capacity of a barn owl. His passion for animals is clear, what they think of him remains a little more uncertain; he's been attacked by a baboon, charged by lions and bitten by a puff adder.

His obsession with the natural world began early when a predictable boyhood fascination for tadpoles and ladybirds grew to encompass mosquito larvae, lizards, snakes and bats. As a teenager he collected badger droppings by day and pogoed with electric blue hair at Clash gigs by night.

These days he distinguishes himself by his impressive knowledge of his subject and his outspoken views on everything from countryside culls to the problems with cat owners.

He says, "I'll never rest until I've tried to do my own small bit in

terms of changing the environment so it's a better place. I won't do it for my grandchildren because I won't have any and I won't do it for yours. I'll do it because it's the right thing to do."

Producer: Cathy Drysdale.

**SUN 12:00 The Museum of Curiosity (b03c2zwb)**  
Series 6

Palmer, Sommer, O'Neill

Professor of Ignorance John Lloyd and his curator Humphrey Ker welcome the crowd-sourcing rock star Amanda Palmer, evolutionary anthropologist Professor Volker Sommer and occult comedian Andrew O'Neill

Up for discussion: steam punk, cross-dressing, rock, sex, death, religion, humans and other great apes.

Producers: Richard Turner and Dan Schreiber

First broadcast on BBC Radio 4 in October 2013.

**SUN 12:32 The Food Programme (b03cd950)**  
The Great British Hop

Three decades ago Miles Warde worked on a hop farm in Herefordshire. Split shifts, tractors with lights, and when you weren't sleeping you'd be in the pub. Today that farm is now a vineyard, so the presenter began wondering what had happened to the great British hop.  
The first thing he discovered is that there are only sixty hop farmers left.  
The producer is Miles Warde.

**SUN 12:57 Weather (b03c70b5)**  
The latest weather forecast.

**SUN 13:00 The World This Weekend (b03cd952)**  
The latest national and international news, including an in-depth look at events around the world. Email: [wato@bbc.co.uk](mailto:wato@bbc.co.uk); twitter: [#theworldthisweekend](https://twitter.com/theworldthisweekend).

**SUN 13:30 The National Theatre at 50 (b03cdd8f)**  
The Road to the National Theatre

Whose National Theatre?

For its 50th anniversary, James Naughtie investigates why the UK took so long to found a National Theatre and whether the struggles and delay resulted in a more creative and versatile organisation.

Episode Two: Whose National Theatre?

James Naughtie takes up the story from the end of the First World War, but his particular focus is on how the introduction of a National Health Service and National Insurance after the Second World War shifted cultural attitudes.

He looks into the legacy of the Festival of Britain and the ways in which this eased the way for a National Theatre company and, eventually, its iconic building on the South Bank.

He considers why, when this building was at last opened in 1976, its publicity poster boldly declared "The New National Theatre is Yours".

James Naughtie speaks with Nicholas Hytner, Richard Eyre, Michael Frayn and Michael Billington as well as listening to the voices of Laurence Olivier, Sybil Thorndike, Lillian Bayliss and other theatrical luminaries in the BBC Archives, tracing a story in which the arts, history, politics and national identity share the stage.

Reader: Simon Russell Beale  
Producer: Beaty Rubens.

**SUN 14:00 Gardeners' Question Time (b03c47gm)**  
Settle-Carlisle Railway

Eric Robson hosts a very special show recorded onboard the Settle-Carlisle railway. Taking to the tracks to answer gardening questions are experts Chris Beardshaw, Bunny Guinness and Pippa Greenwood.

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

Q. The stems of my Sweet Peas decrease in length as the plant itself increases in height. How can long stems be encouraged throughout the growing season?

A. Pick more and ensure the plants are well tended, well watered and well fed. By picking the flowers just as the colour is showing in the bud, this helps encourage the plant to keep producing new flowers. By removing the little tendrils from the plant, more energy can be expended in growing flowers.

Q. What herbs are recommended for a 17m by 26m (55ft by 85ft) open, sunny site on clay soil? The herbs would need to withstand occasional trampling, occasional cutting and possible hens. Could the herbs be spot planted in grass or would the turf need to be stripped back?

A. Opt for herbs that are used to growing in grassland conditions, such as Oregano or low-growing native Thyme. Mint (for example, the variety *Mentha Requeienii*) will do well in a damper area on the site.

Q. Would it be advisable to alter the shape of a Victoria plum, trained as an espalier against a West-facing fence, to a fan-trained shape?

A. In theory, the stone fruits such as plums and cherries do better when fan-trained, whilst rosaceae fruits such as apples and pears are better off trained horizontally in an espalier. Whilst the wood is still flexible, alter the angle of the wires, if possible, to be slightly sloped.

Q. What can be done with the wet bulrushes once removed from a pond?

A. A decent piece of shredding equipment would be the best bet for breaking these down before composting them. The stems would also work as a good mulch for hedges or similar. Alternatively, if there are large quantities of bulrushes to tackle, there are aquatic mulch products available that can be laid across the bed of a pond in early spring before the bulrushes come up that will prevent the growth.

Q. What would be good plants to showcase Yorkshire planting when the Tour de France passes through the county next year?

A. Yellow Calendulas to represent the leader's jersey, green Hakonechloa to represent the sprinter's jersey and red-headed, white-edged Petunias to represent the climber's jersey.

Q. Can Hebes be pruned and if so, when?

A. Hebes need to be regularly pruned, ideally annually in June when the plants are in growth. Pinch out the tips of the fresh growth and this will contain the plant.

Q. Would the panel recommend air-drying of bare-rooted Pelargoniums for over-wintering.

A. This is done in Switzerland where they have very cold winters. Lift the plants, clean off the roots and hang up to dry inside somewhere that won't get below freezing.

Q. Is there anything that can be done to encourage butterflies, whilst still getting a decent crop of cabbages?

A. Experiment with underplanting the cabbages, which - according to one particular theory - will prevent the butterfly from recognizing the cabbages by shape from the air.

Q. A Honeysuckle planted in a southwest corner produced lots of foliage but no flowers. When moved into a tub in the northwest corner, it still produced no flowers and less foliage.

A. Honeysuckle plants do well with slightly cooler roots, so the northwest corner would be better than the southwest corner, but the plant would do better planted out rather than in a tub. If possible, plant it out in this location. Honeysuckles are woodland species and are predetermined to have a strong young growth for the first few years. Stop pruning the plant and allow it to climb to 2-2.5m (6-8ft) in height before laying the climbers down horizontally to encourage flowering.

Q. Would it be feasible to grow a trained or untrained Damson tree against a south-southwest-facing stone wall approx. 2m (6-7ft) tall.

A. Compared to a freestanding tree, a tree in this position would not provide nearly such a good crop. Planting a freestanding tree, even in close proximity to the other fruit trees in the garden, would be preferable.

**SUN 14:45 The Listening Project (b03cddp6)**  
Sunday Edition

Fi Glover introduces four more conversations, about books, hugs, flowers and loss, in the Sunday Edition of Radio 4's series that proves it's surprising what you hear when you listen.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation with someone close to them about a subject they've never discussed intimately before.

The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation - they're not BBC interviews, and that's an important difference - lasts up to an hour, and is then edited to extract the key moment of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in the second decade of the millennium. You can upload your own conversations or just learn more about The Listening Project by visiting [bbc.co.uk/listeningproject](http://bbc.co.uk/listeningproject)

Producer: Marya Burgess.

#### SUN 15:00 Classic Serial (b03cdh4l)

Evelyn Waugh - Sword of Honour

Officers and Gentlemen, part one

by Evelyn Waugh  
dramatised by Jeremy Front.

Sent home in disgrace following a misbegotten raid in Dakar, Guy is again looking for useful employment. But his next posting takes him somewhere totally unexpected.

Directed by Marc Beeby.

#### SUN 16:00 Open Book (b03cdh4n)

Philip Pullman, Jung Chang, Alexander McCall Smith

Philip Pullman discusses a new anthology celebrating the golden age of children's literature in Russia during the 1920s and 30s. Called *Inside the Rainbow*, it explores how stories and vibrant modern art were used to win over the hearts and minds of the country's children during turbulent political times, while also allowing creativity banned in other areas of the arts to flourish.

Jung Chang talks to Mariella Frostrup about her biography of the Empress Dowager Cixi, the woman who was the power behind the throne of Imperial China for over forty years. A controversial figure, who poisoned her own adopted son, Chang explains why she feels Cixi has been misrepresented by history and her importance to the modernisation of China.

Alexander McCall Smith shares the book he would never lend - WH Auden's *Collected Shorter Poems* and describes how the poet has been an inspiration for his own work.

Producer: Andrea Kidd.

#### SUN 16:30 Poetry Please (b03cdy32)

Canals, rivers, boats and lakes

This year National Poetry Day has taken the theme of water and Poetry Please has thrown off its clothes and jumped in with a selection of poems about lakes, rivers, boats and canals. All recorded live at the Birmingham literature festival in the new Library of Birmingham, amidst the many waterways of the Venice of the Midlands.

#### SUN 17:00 File on 4 (b03c3dxc)

HS2: Winners and Losers

The government is stepping up its support for HS2, the high-speed rail project due to link London and Birmingham by 2026 with extensions to Manchester and Leeds by 2032.

The cost is officially estimated to be £42.6bn and could rise to more than £51bn if, as expected, the scheme incurs VAT. Opponents foresee further increases and have predicted an eventual bill of £80bn for taxpayers.

Who stands to gain from the project and who will be the losers? The government has published detailed maps of the route to be taken by the first stage, leading to calamitous falls in the value of many nearby properties.

Towns and cities which are near the route but not linked to HS2 fear that their economies will suffer as businesses are attracted to Birmingham and the northern ends of the line. Current fast train services are due to suffer drastic cuts in the wake of HS2 and some major development plans are now deemed to be at risk.

Meanwhile, economic advisers in the three major cities are planning for billions of pounds worth of benefits as travel-times and congestion on the existing network are reduced.

Gerry Northam reports from areas which expect to benefit from HS2 and those which could lose out and asks what lessons can be learned from the impact of Britain's first high-speed rail project - HS1 in Kent.

Producer: Ian Muir-Cochrane  
Editor: David Ross.

#### SUN 17:40 Profile (b03ccz1b)

[Repeat of broadcast at 19:00 on Saturday]

#### SUN 17:54 Shipping Forecast (b03c70bk)

The latest shipping forecast.

#### SUN 17:57 Weather (b03c70bn)

The latest weather forecast.

#### SUN 18:00 Six O'Clock News (b03c70bx)

The latest national and international news from BBC Radio 4.

#### SUN 18:15 Pick of the Week (b03cdy34)

Hardeep Singh Kohli's *Pick of the Week*, a pot pourri of aural delights. From the danger of *Dangermouse* of the iconic Cosgrove Hall Animation Studio in Manchester to a man who had his life saved by posting a message on the internet for medicine. There's also a clip of the Today interview with the girl that defied the Taliban, Malala Yousafzai, a young woman leading a generation of girls into a better tomorrow. That's *Pick of the Week*, presented by Radio 4's favourite chubby Sikh.

Programmes chosen this week:

Thank you mix - BBC Sussex and Surrey  
John Finnemore's *Souvenir Programme* - Radio 4  
Four Thought - Radio 4  
Crikey DM - Radio 4  
The Station - Radio 4  
Troubled Walls - Radio 4  
Short Cuts - Radio 4  
Malala interview - Today - Monday - Radio 4  
Bobbies on the Tweet - Radio 4  
Digital Human - Radio 4  
Nirvana by Numbers - Radio 4  
Hugh Laurie's *Blues Changes* - Radio 2

Produced by Louise Clarke.

#### SUN 19:00 The Archers (b03cdy37)

Joe's questioning his decision to reject the £1500 settlement offer from Grey Gables.

Oliver tries to convince worried Caroline that whatever decision the local authority and Joe make is out of their hands. As a distraction, they go out riding with the huntsman and hounds.

Caroline's brought swiftly back down to earth by a message from Ian. The restaurant has had more cancellations and he's worried about his reputation. Caroline admits that Oliver was right. She needs to concentrate on things within her control. She plans to get Grey Gables back on its feet whatever it takes.

At her 50th, Susan's in the mood to party and can't believe how much effort everyone has gone to. Tracy seems to have invited everyone from Susan's past including Gregory, a chap from school and now a successful businessman. She doesn't really remember him but he's bought her a very generous gift. Neil feels a little jealous when Gregory admits to carrying a torch for Susan at school. He admits to Neil that he hasn't been successful in all areas in his life and that Neil's a lucky man.

When Neil eventually gets Susan to himself he gives her a gold locket. Susan admits to feeling like the luckiest woman in the world.

#### SUN 19:15 Alex Horne Presents The Horne Section (b01dsy7d)

Series 1

Isy Suttie

Comedian Alex Horne is joined by his own 5 piece jazz band for a brand new series of music and comedy. This time they make music on the subject of 'hard water'; shine a spotlight on the troubled life of the double bassist and reveal the haunting sound of the 'ocarina'. The band are joined by guest comedian Isy Suttie who persuades Alex to sing in a duet...

Producer .... Julia McKenzie.

First broadcast on BBC Radio 4 in 2012.

#### SUN 19:45 Stories From the South Downs (b03cdy3c)

Ashes to Ashes

A series of readings from new writers to radio evoking the South Downs.

Episode 1: *Ashes to Ashes* by Sara Sarre  
A gentle tale about the dilemmas people face when left with their close relatives ashes and the weight of responsibility to scatter them in the best possible place. Julia can't decide what to do with her father's ashes, and matters are made worse when she becomes convinced that her husband, Phil is seeing another woman. Meanwhile, Phil thinks that a holiday would be a good

way to celebrate their 25th wedding anniversary.

Recorded in front of an audience at the Church of St Pancras, Kingston (near Lewes) - a little village nestled at the bottom of the Downs.

Read by Hadyn Gwynne

Director: Celia de Wolff  
A Pier production for BBC Radio 4.

#### SUN 20:00 Feedback (b03c4872)

This week the BBC Director General Tony Hall unveiled his vision for the future of the corporation. At its heart is technology. A new app called *Open Minds* will draw programmes from across the BBC's speech radio output and Radio 1 is to lead the way in becoming an audio-visual network with its own video channel on BBC iPlayer to host exclusive interviews and performances. We speak to the Controller of Radio 1 and 1Xtra about visualisation and whether the future of BBC radio depends on it.

But while Radio 1 is coming soon to a screen near you, some listeners have reached saturation point with the silver screen takeover of BBC Radio 3. As part of the BBC's Sound of Cinema season, the network has aired three weeks of special concerts celebrating film music and editions of regular programmes dedicated to cinema. They tell us it's been a blockbuster with their audience - but it's been a flop with some Feedback listeners.

And when *Inside Science* replaced *Material World* on Radio 4 in July, many Feedback listeners were up in arms. But just how different is it to the old programme? We join presenter Adam Rutherford and his team to find out.

Also, newsreader Neil Sleat has his moment in the spotlight as he reveals the inner workings of the newscaster's brain when faced with pronouncing a 35 letter Hawaiian name, live on air. Twice.

Producer: Will Yates  
A Whistledown production for BBC Radio 4.

#### SUN 20:30 Last Word (b03c483c)

María de Villota, General Vo Nguyen Giap, Dr Ruth Patrick, Kathleen Watkins, Phil Chevrone

Matthew Bannister on the Formula One test driver Maria de Villota. She suffered terrible head and facial injuries in a crash last year. She had been cleared to drive again but has now died aged 33.

Also: the Vietnamese General Vo Nguyen Giap. He was a national hero after leading the defeat of the French colonial power and playing a significant role in the war against the Americans.

Dr Ruth Patrick - the natural scientist who devoted her life to studying the health of the world's rivers. She was still working at the age of 100.

And Kathleen Watkins the formidable curator of the Penwith Gallery in St Ives, which was established by the town's modernist artists.

#### SUN 21:00 Money Box (b03ccz0y)

[Repeat of broadcast at 12:00 on Saturday]

#### SUN 21:26 Radio 4 Appeal (b03cd94p)

[Repeat of broadcast at 07:55 today]

#### SUN 21:30 Analysis (b03c30cr)

Edward Snowden: Leaker, Saviour, Traitor, Spy?

Last June, Edward Snowden, a man still in his twenties with, as he put it, "a home in paradise", went on the run. He took with him vast amounts of secret information belonging to the US government's security services.

Snowden holds libertarian - or anti-statist - views. He believes the American government's pervasive surveillance activities which he revealed break the law but are also morally wrong.

In Britain, "The Guardian" newspaper published the classified information Snowden had obtained. This seemed odd. Editorially, it was not sympathetic to Snowden's anti-state nostrums. But, on privacy grounds, it agreed with him that it was inherently wrong for democratic governments to spy on their citizens online. Furthermore, it argued that governments should not decide for themselves when and how they would do their surveillance.

It is this political alliance between the libertarian right and the

liberal left - which are normally opposed to one another - which David Aaronovitch investigates in this programme.

He explores, in a detailed interview with the editor of "The Guardian", Alan Rusbridger, why the newspaper published the secret information. Are states threatening citizens' privacy in the cyber age? Or is it in fact governments which are more vulnerable than ever before to the unauthorised disclosure of their secrets?

What secrets is the state itself entitled to keep from its citizens and from potential enemies? And who decides that question? the security services, Parliament or the government? Or the press and the whistle-blowers? Alan Rusbridger claims his newspaper can properly adjudicate what should and should not be published about state secrets. But how does he justify that apparently self-serving argument?

#### **SUN 22:00 Westminster Hour (b03cdy3f)**

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

#### **SUN 22:45 What the Papers Say (b03cdy3h)**

Sarah Vine of the Daily Mail analyses how the newspapers covered the week's biggest stories, including reshuffles, the US shutdown, press regulation and Bridget Jones.

#### **SUN 23:00 The Film Programme (b03c4htg)**

Le Week-End; The Fifth Estate; London Film Festival

Le Week-End, the latest offering from director Roger Michell, stars Lindsay Duncan and Jim Broadbent embarking on a tempestuous marital mini-break. Francine Stock talks to screenwriter Hanif Kureishi about writing for his generation and why cinema needs to grow up.

And as hacktivist Julian Assange remains in the Ecuadorian embassy, fearing extradition, the story of the Wikileaks publication of US military documents is explored in The Fifth Estate, starring Benedict Cumberbatch and Daniel Bruhl. It's partly based on a book co-authored by investigative journalist David Leigh. He was part of the Guardian newspaper team who published the leaked documents in partnership with Wikileaks. He takes a wry look at the film's version of events. Plus Tim Robey of The Telegraph gives his verdict and considers crusading journalists on film.

And as the BFI London Film Festival opens, director Clare Stewart explains how the festival hopes to bring the stars and the films to audiences beyond the capital. Plus BFI archivist Clyde Jeavons on newly discovered and beautifully restored releases, curated in the Treasures programme.

#### **SUN 23:30 Something Understood (b03cd94h)**

[Repeat of broadcast at 06:05 today]

### **MONDAY 14 OCTOBER 2013**

#### **MON 00:00 Midnight News (b03c70fb)**

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

#### **MON 00:15 Thinking Allowed (b03c48ys)**

Twitter; Elite University Admissions

TWITTER - Laurie Taylor talks to the sociologist, Dhiraj Murthy, about his new book 'Twitter: Social Communication in the Twitter Age'. This form of social media is now a household name, discussed for its role in political movements, national elections and natural disasters. But what's the real significance of this 'electronically diminished turn to terseness' as Murphy describes it? Using case studies including citizen journalism and health, his groundbreaking study deciphers the ways in which Twitter is re-making contemporary life.

Also, elite university admissions. Harvard Professor of Education, Natasha Kumar Warikoo, discusses her research into the perceptions of meritocracy and inequality among undergraduates at Oxford University - part of a wider study of students at the highest ranking universities in the United States and Britain. Given the frequent critiques of such universities for admitting low numbers of state school graduates and, more recently, British Afro-Caribbean students, how do their students make meaning of the admissions process? Melissa Benn, writer and education campaigner joins the discussion.

Producer: Jayne Egerton.

#### **MON 00:45 Bells on Sunday (b03cd94f)**

[Repeat of broadcast at 05:43 on Sunday]

#### **MON 00:48 Shipping Forecast (b03c70fd)**

The latest shipping forecast.

#### **MON 01:00 Selection of BBC World Service Programmes (b03c70fg)**

BBC Radio 4 joins the BBC World Service.

#### **MON 05:20 Shipping Forecast (b03c70fj)**

The latest shipping forecast.

#### **MON 05:30 News Briefing (b03c70fi)**

The latest news from BBC Radio 4.

#### **MON 05:43 Prayer for the Day (b03cdzjt)**

A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

#### **MON 05:45 Farming Today (b03cdzjw)**

Farmers in the mid-west of America are still trying to assess their losses, after unseasonable snowstorms hit the state of South Dakota. Tens of thousands of cattle are believed to have perished in the cold and wet. Some ranchers are only now able to get out to their pastures to see whether any of their animals have survived. Charlotte Smith talks to one who estimates that she's lost 65% of her herd.

The first results are in from scientists investigating why this year's sugar beet crop had serious problems, including failure to germinate and twisted roots. They believe the cold spring did have an impact, but that's not the only cause.

And this week Farming Today takes a look at the issue of bio-energy. What are farmers contributing to green energy provision, and what's the knock-on effect for food production?

Presented by Charlotte Smith. Produced in Bristol by Emma Campbell.

#### **MON 05:56 Weather (b03c70fn)**

The latest weather forecast for farmers.

#### **MON 05:58 Tweet of the Day (b03bks90)**

Jack Snipe

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

Wildlife Sound Recordist, Chris Watson, presents the Jack Snipe. The song of the Jack snipe has been likened to the sound of a distant horse cantering along a road. To hear it though, you need to visit Scandinavian bogs and mires where these small waders breed. When the ice seals their northern breeding areas jack snipes head south and west and many winter in the British Isles.

#### **MON 06:00 Today (b03cdzjy)**

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

#### **MON 09:00 Start the Week (b03cdzk0)**

Grayson Perry on contemporary art

Tom Sutcliffe discusses the role and place of contemporary art in today's global, digital world with the artist Grayson Perry. While the Director of Tate Britain Penelope Curtis looks back to a time when images held such power and caused such outrage that they had to be destroyed, in an exhibition on iconoclasm. Philip Davis offers a defence of the value of reading serious literature. And Nicholas Lovell looks at the money that artists can make, using the internet to change the way they relate to their fans.

Producer: Katy Hickman.

#### **MON 09:45 Book of the Week (b03cdzk2)**

Heston Blumenthal - Historic Heston

Episode 1

Heston Blumenthal's name is synonymous with cutting edge cuisine but his inspiration comes from the history of British cooking. In 'Historic Heston' he chooses twenty eight dishes which span from medieval times to the late 19th Century. He takes them apart, then puts them together again with his own inimitable twist, so creating a sublime 21st Century take on ancient delicacies.

Today's recipe comes from 'The Forme of Cury', the oldest extant cookbook in English, which was 'compiled of the chef Maister Cokes of kyng Richard the Secunde.'

Written by Heston Blumenthal

Read by Heston Blumenthal and Hugh Dennis

Abridged and produced by Jane Marshall

A Jane Marshall production for BBC Radio 4.

#### **MON 10:00 Woman's Hour (b03cdzk4)**

Lads' mags; Women on boards; Teen virgins

Do lads' mags deserve a place alongside the weekly groceries? Green Party MP Caroline Lucas on the latest attempt to have them banned by supermarkets. Five top-listed FTSE companies still have no women on their boards. Woman's Hour re-issues its challenge to senior executives to explain why their boardrooms are a male-only affair. A new Channel 4 documentary follows a group of teenagers thinking about having sex for the first time, some under the age of consent. If you're a parent, how do you approach the loss of virginity? We talk to the mother of one 15-year girl featured and to agony aunt and Parentline Plus trustee Suzie Hayman.

#### **MON 10:45 15 Minute Drama (b03cdzk6)**

Jane Harris - Gillespie and I

Episode 1

Victorian gothic mystery by Jane Harris. In 1888, Harriet Baxter, an art-loving Englishwoman, arrives in Glasgow for the city's International Exhibition. She meets the Scottish painter, Ned Gillespie, and his wife, Annie - but tragedy is about to strike the Gillespies. Dramatised by Chris Dolan.

Producer/director: Bruce Young

Gillespie And I (first published in 2011) is the second novel by Jane Harris. Her acclaimed debut novel, The Observations (first pub. 2006) was also dramatised for Radio 4 as a ten-part serial by dramatist Chris Dolan and producer/director Bruce Young in 2007.

#### **MON 11:00 Selling British Luxury (b03cdzk8)**

Why do British luxury brands outperform other sectors in the international market? Why are earnings from UK luxury good set to double to £12 billion by 2017? Laurence Llewelyn Bowen reports on the appeal of British goods from Rolls Royce cars to high fashion handbags, from fine cloth and cashmere to jewellery and gentleman's accessories.

He discovers that, while heritage and history play a part in the appeal of British Luxury brands, today's rich young consumers want far more than this. He reports on the ways British firms are bespoking their goods, offering re-assurance on authenticity and quality, investing in state of the art manufacture and reaching new customers through innovative use of digital platforms.

Laurence talks to Deborah Meaden about her recent purchase of a woollen mill making luxury flannel and accessories and asks why so many British luxury firms are taken over by foreign companies - and whether it matters.

He also discovers that, although British luxury firms cannot rival the powerful conglomerates of France and Italy, it's the very niche status of British brands that makes them so attractive to the new, discerning customer.

Producer: Susan Marling

First broadcast on Radio 4 in 2013.

A Just Radio production for BBC Radio

#### **MON 11:30 Dilemma (b017c9pp)**

Series 1

Episode 2

Sue Perkins puts Nick Revel, Danielle Ward, Grace Dent and Ricky Wilson through the moral and ethical wringer in the show where there are no "right" answers - but some deeply damning ones...

Would you let an annoying colleague take credit for your work if it meant they would get a job elsewhere?

Would you take part in a sham marriage?

Plus the panel try to solve some Dilemmas from the audience.

Devised by Danielle Ward.

Producer: Ed Morrish.

First broadcast on BBC Radio 4 in November 2011.

**MON 12:00 You and Yours (b03cdzlv)**

Your digital radio questions answered

Carolyn Atkinson joins a CQC inspection team on an unannounced visit to a care home. It's the first time a journalist has been allowed to follow the process. If you can't afford to move house, have you thought about digging down? Plenty of people are doing it but it's causing problems. We'll be examining why some councils are tightening regulations about basement conversions. We investigate whether older people get access to the best insurance deals if they can't compare online. Plus, we'll be answering your questions about DAB Radio.

**MON 12:57 Weather (b03c70fq)**

The latest weather forecast.

**MON 13:00 World at One (b03cdzlx)**

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

**MON 13:45 Terror Through Time (b03cdzly)**

The Murderous Mandate

In April 1947 a young French woman talked her way past the guard of Dover House in Whitehall. She told him she was desperate to use the toilet. In fact Betty Knut was there to plant a bomb at the very heart of the Empire. It proved just how far some militants were willing to go in their campaign to remove the British from Palestine.

In part six of Fergal Keane's exploration of the changing nature of terrorism, he's joined by historian David Cesarani and former member of the Jewish underground, Hanna Armoni, to tell the story of the dedicated groups that turned their bombs and bullets against the British occupation.

Producer: Alasdair Cross.

**MON 14:00 The Archers (b03cdy37)**

[Repeat of broadcast at 19:00 on Sunday]

**MON 14:15 Drama (b03cdzml)**

Stephen Wyatt - The Organist's Daughter

When the greatly-admired German composer, Dieterich Buxtehude, wishes to retire from his post as organist at Lübeck Cathedral he faces a major problem. Tradition dictates that his successor must marry his eldest daughter, Anna Margreta, who, although caring and intelligent, is not renowned for her beauty. Buxtehude informs Anna Margreta that it is his express wish that she marries his successor but he agrees that she will be the one to inform any possible candidates of this arrangement.

Among the potential successors are the young musicians, Händel and Bach. Still in their early twenties, neither is willing to contemplate settling down to a life at Lübeck. They simply wish to learn from the great maestro. Each one clearly admires Anna Margreta for her devotion to her father, her love for the Cathedral, her knowledge of music and her plain speaking - but each also has their own clear vision for the future.

Buxtehude and his other daughters become increasingly frustrated until an unexpected solution is found.

Simon Russell Beale plays Buxtehude. He was especially interested in the role as he had visited Lübeck Cathedral (and played the organ) during the making of his recent series of television programmes devoted to the development of classical musical.

Written by Stephen Wyatt  
Director: Martin Jenkins

A Pier production for BBC Radio 4.

**MON 15:00 Round Britain Quiz (b03cf03b)**

(5/12)

Why might an animated lion, an English concert hall, a satanic baby's mother and a hologram of Lord Olivier all converge in a Yorkshire seaside town?

The answer might be found in Round Britain Quiz, if the panellists can unravel the meaning behind the clues. This week it's the turn of Fred Housego and Marcel Berlins of the South of England to pit their wits against the Scots, Alan Taylor and Michael Alexander.

Tom Sutcliffe is in the chair to steer their deliberations in the right direction whenever required - and to award points for their efforts.

Producer: Paul Bajoria.

**MON 15:30 The Food Programme (b03cd950)**

[Repeat of broadcast at 12:32 on Sunday]

**MON 16:00 Bingo, Barbie and Barthes: 50 Years of Cultural Studies (b03cf03d)**

Episode 2

It's fifty years since Richard Hoggart established Cultural Studies with the founding of the Centre for Contemporary Cultural Studies in Birmingham, and in this second programme looking at the discipline, Laurie Taylor looks at the ways in which cultural studies has reached beyond academia and into everyday life.

Featuring: Sir Christopher Frayling, Paul Gilroy, Stuart Hall, Lynsey Hanley, Matthew Hilton, Caspar Melville, Suzanne Moore and Joe Moran.

Producer: Martin Williams.

**MON 16:30 The Digital Human (b03cf03g)**

Series 4

Urban

Every week a million more people move to live in cities. Can they cope with this constant expansion? Aleks explores whether 'Smart' cities are the answer or do they come with a hidden price of personal freedom. She visits the world's "smartest" city, Masdar in Abu Dhabi and explores the social engineering that's as much part of the design as the bricks and mortar.

Contributors: Physicist Geoffrey West, Urban Explorer Brad Garrett, Lean Doody from ARUP, Dr Iyad Rahwan, Architect and Artist Usman Haque.

Producer: Peter McManus.

**MON 17:00 PM (b03cf03j)**

Coverage and analysis of the day's news.

**MON 18:00 Six O'Clock News (b03c70fs)**

The latest national and international news from BBC Radio 4.

**MON 18:30 The Museum of Curiosity (b03cf03n)**

Series 6

Ingrams, Bussmann, Stringer

Professor of Ignorance John Lloyd and his curator Humphrey Ker welcome:

Private Eye founder and editor of The Oldie Richard Ingrams Comedian and "world's worst foreign correspondent" Jane Bussmann

Former head of Sony and the CBS network Sir Howard Stringer

Up for discussion: libel, lucky scrapes, African warlords, dozy judges and the difficulties of depicting a famous chat-show host's body parts in a cartoon.

Producers: Richard Turner and Dan Schreiber

First broadcast on BBC Radio 4 in October 2013.

**MON 19:00 The Archers (b03cf061)**

Kathy's happy to be working at Grey Gables but it's only a temporary post so she's lining up other interviews. Jamie makes it clear he's happy to help with paying the bills.

Kenton and Jolene are busy with wedding arrangements and sorting out the rota to cover their honeymoon. Kenton's nervous about his stag do when Jamie teases that he may require insurance and protective clothing. As Jamie's looking to earn some extra cash, Kenton thinks he may be able to offer him some shifts behind the bar at The Bull.

Caroline, Lynda and Kathy have an ideas meeting to boost Grey Gables' profile. Caroline's impressed with the ideas that they both come up with and feels reassured and happy that she has Kathy on board.

Lynda asks Jolene and Kenton if she can put up some posters for the Robin Hood auditions. Kenton asks how the script's coming on. Lynda says Robert described it as a real page-turner.

Jolene suggests Lynda asks Freda for her hotpot recipe for the St Stephen's cookbook. Kenton thinks Clarrie would have a few ideas but she's probably busy with Joe. Jolene misses seeing Joe at the end of the bar. She hopes to get the old Joe back sooner rather than later.

**MON 19:15 Front Row (b03cf08g)**

The Light Princess; Paul Klee; Enough Said

With Mark Lawson.

In one of his final films, the late James Gandolfini stars alongside Julia Louis-Dreyfus (Seinfeld) in Enough Said. The pair play two single parents whose romance runs into problems. Sarah Crompton reviews.

The singer-songwriter Tori Amos has written a new musical for the National Theatre, in collaboration with the playwright Samuel Adamson. The Light Princess is adapted from a fairy tale, with a new feminist twist. Tori Amos and Samuel Adamson discuss their partnership and how they worked within the traditional structure of a musical while breaking the rules.

Stephen Fry and Karl Pilkington have both been travelling around the world, for TV documentaries which examine cultural attitudes. Stephen Fry: Out There looks at attitudes towards homosexuality, while in The Moaning of Life, Karl Pilkington investigates Marriage, Happiness, Kids, Vocation and Death. Rachel Cooke reviews.

The work of the artist Paul Klee is explored in a major new exhibition at Tate Modern. The show focuses on the decade that Klee spent teaching and working at the Bauhaus, the centre of modern design in the 1920s, developing his unique style. Author Iain Sinclair reviews.

Producer Olivia Skinner.

**MON 19:45 15 Minute Drama (b03cdzk6)**

[Repeat of broadcast at 10:45 today]

**MON 20:00 The Invention of... (b03cf08j)**

Italy

Episode 1

Misha Glenny presents a compelling new history of Italy from 1494 to the end of the First World War.

Piedmont, the Venetian Republic, Mantua, Modena, the Grand Duchy of Florence, the kingdom of Naples, the Papal States - the arrival of Italy as a unified state is a surprisingly recent affair. "We are a new nation," says Professor Marco Meriggi, and this is true - but the 150th anniversary was celebrated two years ago in quite muted style. So forget what you may know about the Roman empire, and enter a country which doesn't really feel unified yet.

"Italy is a divided country, no doubt about that. The Italian equivalent of nationalism is campanilismo, from the word for bell tower - this is the attachment of Italians to their city square." Dr Filippo de Vivo.

Beginning with the French invasion of 1494, when Charles VIII's mercenaries reached Naples and then spread syphilis to all points north of the Alps, the Invention of Italy tells a story of fragmentation, foreign occupation and nationalist false starts. The second programme looks at how unification finally occurred, and why many believe that the mafia emerged at the same time. The third programme focuses on why Italians were so eager to shed blood in the First World War.

With expert contributions from Christopher Duggan, Marco Meriggi, Leoluca Orlando, Lucy Riall, Lucy Hughes-Hallett, Filippo de Vivo, David Gilmour, Beppe Severgnini, Simon Winder, Joze Serbec and David Laven.

The presenter is Misha Glenny, who previously collaborated with producer Miles Warde on the Invention of Germany and the Invention of Spain.

**MON 20:30 Analysis (b03cmnzs)**

What Are Charities For?

Charities have been drawn into the world of outsourced service provision, with the state as their biggest customer and payment made on a results basis. It is a trend which is set to accelerate with government plans to hand over to charities much of the work currently done by the public sector.

But has the target driven world of providing such services as welfare to work support and rehabilitating offenders destroyed something of the traditional philanthropic nature of charities? Fran Abrams investigates.

Producer: Mukul Devichand.

**MON 21:00 Shared Planet (b03c3cmw)**

Sharks

Sharks are in decline across the world's oceans. It can be argued

sharks have an image problem with reports of attacks on swimmers and surfers. Persecution and deliberate killing to clear areas near swimming beaches are only a contributor to shark decline. Legal fishing, by-catch, catching sharks for their fins are large contributors to shark decline. In this programme Monty Don talks to a wildlife cameraman who has filmed sharks for 20 years and recorded his observations of shark decline in his dive logs. In the Shared Planet studio we have Kelvin Boot and invited guests to talk about the ways in which the experts believe we can share the oceans with the large diverse group of fish. And a report from Fiji where a single living shark is allegedly worth \$50,000 a year in dive tourist revenue.

**MON 21:30 Start the Week (b03cdzk0)**  
[Repeat of broadcast at 09:00 today]

**MON 21:58 Weather (b03c70fv)**  
The latest weather forecast.

**MON 22:00 The World Tonight (b03cmnzv)**  
US budget deadlock: is a deal imminent?  
Italy announces new measures on migrants;  
French shopping hours - about to change?  
Libyan terror suspect Al Libi arrives in the US.

With Ritula Shah.

**MON 22:45 Book at Bedtime (b03cmnzz)**  
Algernon Blackwood's Ghost Stories  
Keeping His Promise

Marriott is cramming for an exam when he is disturbed by a late-night visitor, and an unexpected reminder of the past. It is an old school friend, but why is he so tired and so hungry?

Stories abridged by Robin Brooks  
Read by Matthew Marsh

Producer: Clive Brill  
A Pacificus production for BBC Radio 4.

**MON 23:00 Verse Illustrated (b013fj5t)**  
A Valentine at Waterloo; A Hell of a Week

In the third of a series of illustrated poems, spoken word artists Salena Godden and Scroobius Pip tell two very different stories.

'A Valentine at Waterloo' written and performed by Salena Godden

A post-apocalyptic vision of our sexual future: "They have real flying fermen, ladybirds and butterflies, cock-a-tails and flick beans, hermaids and mermaids, 8-breasted gooligans, whippers, flippers and strippers to-go-go..."

'A Hell of a Week' written and performed by Scroobius Pip  
This should be 'one of the biggest solo spoken word shows ever to be recorded', exclusively for Radio 4. But where exactly is Scroobius Pip...?

Actors ..... Carl Prekopp, Peter Polycarpou and Jonathan Forbes.

Directed by James Robinson.

**MON 23:15 Warhorses of Letters (b01p7by2)**  
Series 2

Episode 3

The romantic correspondence between two of history's most important horses: Napoleon's mount Marengo and the Duke of Wellington's own Copenhagen.

The opposing armies are on the march through Belgium, but our lovers face a more immediate challenge to their relationship as Marengo's stablemate Marcy turns out to be a stalking horse.

Marengo ..... Stephen Fry  
Copenhagen ..... Daniel Rigby  
Narrator ..... Tamsin Greig

Written by Robbie Hudson and Marie Phillips.

Producer: Gareth Edwards.

First broadcast on BBC Radio 4 in December 2012.

**MON 23:30 Today in Parliament (b03cmnzz)**

The Work and Pensions Secretary defends the Government's controversial changes to the welfare system.

Iain Duncan Smith rejects criticism of the coalition's cap on benefits and maintains that the universal credit will be delivered on time and on budget.  
Ministers reveal that secondary school league tables in England are to be re-designed.  
Senior officials are questioned by MPs about the Royal Family's spending.  
And in the House of Lords a Defence Minister insists that no military dogs are put down for financial reasons.  
Sean Curran and team report on today's events in Parliament.

**TUESDAY 15 OCTOBER 2013**

**TUE 00:00 Midnight News (b03c70lw)**  
The latest national and international news from BBC Radio 4. Followed by Weather.

**TUE 00:30 Book of the Week (b03cdzk2)**  
[Repeat of broadcast at 09:45 on Monday]

**TUE 00:48 Shipping Forecast (b03c70m5)**  
The latest shipping forecast.

**TUE 01:00 Selection of BBC World Service Programmes (b03c70mc)**  
BBC Radio 4 joins the BBC World Service.

**TUE 05:20 Shipping Forecast (b03c70mm)**  
The latest shipping forecast.

**TUE 05:30 News Briefing (b03c70ms)**  
The latest news from BBC Radio 4.

**TUE 05:43 Prayer for the Day (b03cmp5q)**  
A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

**TUE 05:45 Farming Today (b03cmp5s)**  
Food fraud can take many forms - the wrong label, place of origin, or different ingredients to those described on the packet. Honey isn't immune from counterfeiting and we find out more about how isotope testing can be used to build up a 'honey map' of the UK to tell where the product was harvested from. We also find out how, in spite of a decrease in food testing, reported cases to the Food Standards Agency have actually increased by a third in six months.

And how can chicken litter be used to heat homes? Anna Hill visits a poultry poo fired power station which is turning unwanted waste, which is normally difficult to dispose of, into energy. And there's more money available for farmers to install anaerobic digestors for slurry and biomass, with the government offering loans of up to £400,000. But is the overall pot of money, of around three million pounds enough to go around?

Our wheat harvest has suffered this year, with the government reporting the smallest crop for a decade. This means we'll end up importing more to cover the shortfall. However, the quality of the crop means that this year there's better wheat for making bread.

Presented by Anna Hill, and Produced by Jules Benham.

**TUE 05:58 Tweet of the Day (b03bklfz4)**  
Rock Dove

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

Wildlife Sound Recordist, Chris Watson, presents the Rock Dove. The birds that Woody Allen once described as "rats with wings" are for many the bane of urban life. Feral pigeons, as domesticated rock doves are known, live closely alongside us. But the same species has, over millennia, been cosseted by pigeon fanciers, used to deliver wartime messages and been housed in dovecotes.

**TUE 06:00 Today (b03cmp5v)**  
News and current affairs. Including Sports Desk, Yesterday in Parliament, Weather, Thought for the Day.

**TUE 09:00 The Reith Lectures (b03969vt)**  
Grayson Perry: Playing to the Gallery: 2013

Democracy has bad taste

In the first of four lectures, recorded in front of an audience at

Tate Modern in London in 2013, the artist Grayson Perry reflects on the idea of quality and examines who and what defines what we see and value as art. He argues that there is no empirical way to judge quality in art. Instead the validation of quality rests in the hands of a tightknit group of people at the heart of the art world including curators, dealers, collectors and critics who decide in the end what ends up in galleries and museums. Often the last to have a say are the public. Perry examines the words and language that have developed around art critique, including what he sees as the growing tendency to over-intellectualise the response to art. He analyses the art market and quotes – with some irony – an insider who says that certain colours sell better than others. He queries whether familiarity makes us like certain artworks more, and encourages the public to learn to appreciate different forms of art through exploration and open-mindedness. Perry was awarded the Turner Prize in 2003, and is known for his ceramic works, printmaking, drawing, sculpture and tapestry as well as for his cross-dressing and alter-ego, Claire. The lecture series is presented and chaired by Sue Lawley. Producer: Jim Frank

**TUE 09:45 Book of the Week (b03cp25y)**  
Heston Blumenthal - Historic Heston

Episode 2

Heston Blumenthal's name is synonymous with cutting edge cuisine but his inspiration comes from the history of British cooking. In 'Historic Heston' he chooses twenty eight dishes which span from medieval times to the late 19th Century. He takes them apart, then puts them together again with his own inimitable twist, so creating a sublime 21st Century take on ancient delicacies.

Today, Heston describes his version of the 1430 recipe for Pome Dores, a meat parfait disguised as fruit first served at the feast to celebrate the coronation of Henry IV. And he discusses how his own theatrical cuisine is only following in the footsteps of a British culinary tradition that stretches back to medieval times.

Written by Heston Blumenthal  
Read by Heston Blumenthal and Hugh Dennis

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

**TUE 10:00 Woman's Hour (b03cmt4n)**  
Waris Dirie; Ada Lovelace Day

This year the Women of the Year Campaigning Award goes to campaigner and former supermodel, Waris Dirie. She talks to Anita Anand about her own experiences and the Desert Flower Foundation she started nearly eleven years ago to fight against the female genital mutilation and provide support for women and girls subjected to the practice.

With convalescent homes a thing of the past and people being discharged from hospital faster than ever before how are people supposed to get better after an illness or injury? Why have we decided that the best thing to do, after a health crisis, is 'bounce back' and 'get well soon'?

The Chief Inspector of Prisons Nick Hardwick talks about the improvements at Holloway women's prison in London, and what more needs to be done to help meet the needs of the very vulnerable women held there.

And we celebrate Ada Lovelace Day which was set up to honour the work of the Victorian mathematician whose work was crucial to the invention of the modern computer and to encourage and celebrate women in science, technology, engineering and maths. Who are the women in STEM now and from history who we should know more about? What are the new initiatives to make information about women in STEM more available?

**TUE 10:45 15 Minute Drama (b03cmt4q)**  
Jane Harris - Gillespie and I

Episode 2

Victorian gothic mystery by Jane Harris. Ned enters a competition to paint the Queen's portrait. Dramatised by Chris Dolan.

**TUE 11:00 Shared Planet (b03cmt4t)**  
Soil Science

Shared Planet explores the link between a growing human population and wildlife and there is no other part of the natural world that is under as much pressure as the earth's soils. We rely on them to grow healthy crops, which they can only do if they support an appropriate community of bacterial, fungal and

invertebrate life. Wildlife too depends on this diverse life that thrives in the soil, everything from birds to plants to insects. The earth worm is the surprising champion of soils and an animal that looks vulnerable in the face of human population pressure.

Producer Andrew Dawes.

**TUE 11:30 Who Sold the Soul? (b03cmt4w)**

Soul Power

Jazz, Blues, Rhythm and Blues, Rock 'n' Roll, Soul, Funk and Hip-Hop; there's no question African American musical creativity has fuelled the modern music industry. But faced with racism and cultural theft for decades, African-American musicians, DJs, businessmen and women have struggled to have any real control or ownership in the business. In this three part series financial educator, broadcaster and music obsessive Alvin Hall examines the political economy of African American music, from jazz to Jay Z.

In this second episode, Alvin looks at the 1960s and 70s. Soul music wasn't just the soundtrack and fashion to a turbulent and eventful period in the civil rights movement. It defined a specific period of social development for black people. Motown became the sound of young America with the first, commercially successful black-owned record label. James Brown preached his black capitalist message through his self-titled Soul Power. And CBS Records commissioned the Harvard Business School to investigate the profitability of black music. A report that would change industry thinking forever.

**TUE 12:00 You and Yours (b03cmt4y)**

Call You and Yours: Quality of care homes

How we can improve the quality of care homes for the elderly. Andrea Sutcliffe has the job in the newly reformed Care Quality Commission of ensuring that our relatives are looked after properly... and she has a few ideas.

She'll be on the programme and telling us about her plans to publish league tables of performance and how she hopes to recruit an army of volunteers to monitor standards. Will this public commitment to scrutiny do the trick and prevent scandalous treatment of our elderly or will it be business as usual.

Perhaps the simple fact is that great care costs a great deal of money and the simplest way to drive up standards is to ensure that local authorities and private funders can afford to pay for it.

We'd like to hear from you; do you have confidence in care homes and in the relevant authorities to spot when it all goes wrong?

**TUE 12:57 Weather (b03c70n6)**

The latest weather forecast.

**TUE 13:00 World at One (b03cmt50)**

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

**TUE 13:45 Terror Through Time (b03cmt53)**

The British Way

Fergal Keane considers the counter terrorism techniques, developed by the British to defeat communist guerrillas in Malaya and the Mau Mau rebels in Kenya, in the decades after the Second World War.

Long admired for pioneering a so-called "hearts and minds" approach, recent research suggests that, in reality, Britain's success in these conflicts relied largely on the use of force. With Professor David Anderson, Professor David French and Dr. Karl Hack.

Producer: Isobel Eaton.

**TUE 14:00 The Archers (b03cf061)**

[Repeat of broadcast at 19:00 on Monday]

**TUE 14:15 Drama (b011c0s8)**

The Kingsnorth Six

The Kingsnorth Six, by Julia Hollander

In October 2007, climate change activists broke into Kingsnorth Power Station. They planned to climb its central chimney in protest against Government proposals to build more coal-fired power stations. But once on site they faced unexpected challenges. The play tells the story of their gruelling climb and their subsequent court case for criminal damage, in which they faced the threat of prison.

Produced and directed by Fiona Kelcher.

Julia Hollander is an author and journalist. She dramatised her memoir, *When The Bough Breaks*, for BBC Radio 4.

**TUE 15:00 Short Cuts (b03cn0r8)**

Series 4

Growing Pains

Josie Long explores the painful process of growing up in a sequence of mini documentaries.

From first steps to last love, we hear tales of controversial haircuts, the search for independence and the need to let go of the past.

The items featured in the programme are:

Singing Boys

Prod. Rikke Houd

Like Rude Boys

Feat. voices recorded at the creative arts organisation Only Connect

Prod. Steve Urquhart

Dark Eyes

Prod. Natalie Kestecher

Originally broadcast on ABC Radio National

Scared

Prod. John Biewen

The Man in the Picture

Prod. Sara Parker

Danny and Annie

Prod. StoryCorps

Series Producer: Eleanor McDowall

A Falling Tree Production for BBC Radio 4.

**TUE 15:30 Costing the Earth (b03cn0rb)**

Mind the Gap

Our energy needs are growing as our energy supply dwindles. Renewables have not come online quickly enough and we are increasingly reliant on expensive imported gas or cheap but dirty coal. Last year the UK burnt 50% more coal than in previous years but this helped reverse years of steadily declining carbon dioxide emissions. By 2015 6 coal fired power stations will close and the cost of burning coal will increase hugely due to the introduction of the carbon price floor. Shale gas and biomass have been suggested as quick and easy solutions but are they really sustainable, or cheap?

Carbon Capture and Storage could make coal or gas cleaner and a new study suggests that with CCS bio energy could even decrease global warming. Yet CCS has stalled in the UK and the rest of Europe and the debate about the green credentials of biomass is intensifying. So what is really the best answer to Britain's energy needs? Tom Heap investigates.

**TUE 16:00 Law in Action (b03cn0rd)**

Interview with the Attorney General

In this week's programme, the Attorney General for England and Wales Dominic Grieve speaks to Joshua Rozenberg in an extended interview.

To begin, they discuss the issue of sentencing and the attorney general's role as gatekeeper to the appeals court. How does he go about deciding whether a sentence is lenient or unduly lenient - and therefore worthy of an appeal? What are the factors he takes into consideration? And how can members of the public make an appeal to his office, to ask for a case to be reviewed?

The programme also speaks to Lord Justice Sir Colman Treacy, a senior member of the Sentencing Council, about the council's advisory role, asking whether he thinks sentencing is becoming more lenient.

The conversation moves on to international law, and the recent raids by US special forces in Libya and Somalia, in which a suspected leader of Al Qaeda was detained. Did the United States break international law by taking such action? And what about the British government's decision to push for military action in Syria - would it have been legal?

Finally, many voices within the Conservative Party want to restrict the influence of the European Court of Human Rights. But does Dominic Grieve agree with his cabinet colleagues? He warns of the potential cost to the UK's reputation and to the

promotion of human rights around the world.

Contributors include:

Dominic Grieve QC MP, Attorney General for England and Wales

Lord Justice Sir Colman Treacy, senior member of The Sentencing Council

Ann Oakes-Odger MBE, founder of KnifeCrime.org

Dapo Akande, Co-Director of the Oxford Institute for Ethics, Law and Armed Conflict

Producer: Mike Wendling  
Series Producer: Richard Fenton-Smith  
Editor: Richard Knight.

**TUE 16:30 A Good Read (b03cn50j)**

Arlene Phillips and Jocelyn Jee Esien

Arlene Phillips, choreographer and Strictly Come Dancing judge, and Jocelyn Jee Esien, comedian and star of the BBC's *Little Miss Jocelyn*, talk to presenter Harriett Gilbert about the books they love.

Arlene's recommendation is *Heartbreak Hotel*, the new novel by Deborah Moggach: a richly comic tale of love at all ages.

Jocelyn chooses *Prisoner to the Streets* by Robyn Travis, a compelling insider's story of life in the postcode gangs of North London.

And Harriett brings *So Long, See You Tomorrow* by William Maxwell - a deceptively slight book which packs a powerful punch on the subject of the effect of a mother's death on the family she leaves behind.

Producer Beth O'Dea.

**TUE 17:00 PM (b03cn50l)**

Coverage and analysis of the day's news.

**TUE 18:00 Six O'Clock News (b03c70n8)**

The latest national and international news from BBC Radio 4.

**TUE 18:30 It's Your Round (b018g279)**

Series 2

Episode 1

The first in a new series in which the panellists bring their own round for the other panellists to play.

Angus Deayton presides over a panel of comedians - Miles Jupp, Fred MacAulay, Josie Long and Nick Helm - all trying to beat each other at their own games.

Featured rounds:

Miles Jupp's 'Test Match Specialists', a quiz using the rules and regulations of the 'world's finest sport' (Miles' words)

Fred MacAulay's 'Play Your Various Different Categories Right', like 'Play Your Cards Right', but with other variables such as Scottish landmarks, household accident statistics, Radio 4 presenter's heights and, er, the song 'Do They Know It's Christmas?' by Band Aid.

Josie Long's 'Dream Day Job' in which panellists have to guess an audience member's dream day job by asking yes/no questions.

Nick Helm's 'Cream Crackered' in which panellists have to eat as many cream crackers as they can in a minute...commentated on by Test Match Special's very own, Henry Blofeld.

Producer: Sam Michell.

First broadcast on BBC Radio 4 in December 2011.

**TUE 19:00 The Archers (b03cn72n)**

Alistair and Jim chat whilst painting the cricket pavilion. Jim's observed a steep decline in Joe's demeanour and doesn't know what to do about it. Alistair agrees it's difficult seeing someone in poor shape. Jim concedes Alistair must have his hands full at home.

Alistair's called away by Ed. There's another difficulty with a calf. Alistair takes swabs and samples. Ed asks if brucellosis or BVD can be ruled out, but Alistair can't shed any light until the results are back.

Ed and Mike distract themselves with talk of Saturday's party. Mike admits he's missing Brenda. She seems happy enough in London, but her babysitting skills are missed; Lynda stepped in on Saturday. Jim arrives with the good news that he's finally persuaded Joe out, to help him at the community orchard. Ed's pleased and grateful.

Shula tries to coax Darrell to his doctor's appointment, assuring him it will help his relationship with his daughters. She gives him a lift to town and he tells her he'll pick up his tools from his mate after his appointment.

Later, Shula worries when she can't reach Darrell by phone. It feels like something's not right. Frustrated Alistair insists that Shula can't control Darrell. Can she just leave it for a bit - please.

**TUE 19:15 Front Row (b03cn72q)**  
Rufus Norris; David Jason; Jeremy Deller

With Mark Lawson

This morning it was announced that Rufus Norris will succeed Nicholas Hytner as the new director of the National Theatre. Norris, who has been associate director of the National Theatre for two years, where he directed the Amen Corner and London Road among other productions, will take over from April 2015. Rufus Norris talks to Mark Lawson about his future plans.

As Sir David Jason, the star of Only Fools And Horses, Open All Hours, The Darling Buds of May, and A Touch of Frost, marks his five decade long career with an autobiography, he reveals why his career began almost by accident and how he can do an uncanny impression of Julian Clary.

The artist Jeremy Deller shows Mark around his latest exhibition, All That Is Solid Melts Into Air, which has opened at Manchester Art Gallery. The show, which will tour the UK, explores what Deller sees as the continuing impact of the Industrial Revolution on British popular culture.

Producer Ekene Akalawu.

**TUE 19:45 15 Minute Drama (b03cmt4q)**  
[Repeat of broadcast at 10:45 today]

**TUE 20:00 File on 4 (b03cn72s)**  
The Syrian Connection

It is estimated more than 100 British people could be fighting with opposition forces in Syria. At least one is known to have been killed in action earlier this year. File on 4 investigates who these men are and why they have gone to fight.

While some are believed to have strong Syrian connections and are motivated by personal opposition to the government, there are concerns that others have travelled there to join headline Islamist groups. Jenny Cuffe examines how fighters are recruited and the routes they use to join up with rebel forces. The programme hears from people who have travelled to Syria and asks what danger, if any, they may pose when they return to the UK.

Producer: Paul Grant.

**TUE 20:40 In Touch (b03cn72v)**  
Footballer Dave Clarke, Apple's new OS, Young Apprentices

Peter White talks to Robin Spinks from RNIB about the problems visually-impaired people are having with Apple's new operating system.

Tom Walker meets blind footballer Dave Clarke, who has been inducted into the Hall of Fame and Tony Shearman joins the Action for Blind People's Young Apprentices on their big day, presenting an event to an invited audience.

**TUE 21:00 Inside Health (b03cn72x)**  
Vaccinations, One-to-one midwives, Leg ulcers, Asthma inhalers

How would you feel if your child's immunisations were linked to benefits or child care? In Australia, a full set of vaccinations is now a requirement for accessing most types of child care and claiming family tax credit worth around £500 a year. The only exception is if parents ask to be registered as conscientious objectors. Dr Steve Hambleton is President of the Australian Medical Association and explains how well these measures have been received.

University of Sydney researchers have just published a new study adding to a body of evidence that pregnant women who see the same midwife require less intervention, have safer outcomes and are more likely to breastfeed their babies. They also save the healthcare system over £300. Professor Cathy

Warwick, chief executive of the Royal College of Midwives, tells Inside Health that adoption of this "caseload" model in the UK has been slow.

Around half a million people in the UK have some form of leg ulcer, and up until recently many would have them dressed in the community for years, without the underlying cause ever being diagnosed and treated. But this now looks set to change, as new guidance published by NICE recommends that if ulcers last more than two weeks, patients should be referred to a specialist vascular clinic. Like the one at Addenbrooke's Hospital in Cambridge, run by consultant vascular surgeon Mr Paul Hayes.

Last year the NHS spent around £800 million on asthma medicines, but research suggests that at least half of people given the most common type of inhaler do not use them properly. This means their asthma remains poorly controlled and the NHS is wasting hundreds of millions of pounds. Mike Thomas is Chief Medical Advisor to Asthma UK.

**TUE 21:30 The Human Zoo (b0367slg)**  
Series 2

Episode 1

The Human Zoo is a place to learn about the one subject that never fails to fascinate - ourselves. Are people led by the head or by the heart? How rational are we? How do we perceive the world and what lies behind the quirks of human behaviour?

Michael Blastland presents a curious blend of intriguing experiments, with Nick Chater, Professor of Behavioural Science at Warwick University, on hand as guide and experimenter in chief.

Our thoughts, John Milton said, are a kingdom of infinite space and they might take us anywhere -whether our subject is writ large, like the behaviours of public figures or the contradictions of politics, or located in the minutiae of everyday life. We can show how what happens on the big stage is our own behaviour writ large - like the old Linda Smith joke about the Iraq-war coalition's failure to find chemical weapons: "I'm the same with the scissors".

Producer: Toby Murcott  
A Pier production for BBC Radio 4.

**TUE 21:58 Weather (b03c70nv)**  
The latest weather forecast.

**TUE 22:00 The World Tonight (b03cn72z)**  
In-depth reporting and analysis from a global perspective.

**TUE 22:45 Book at Bedtime (b03d6hfh)**  
Algernon Blackwood's Ghost Stories

The Land of Green Ginger

Elderly novelist Mr Adam has been asked to describe what made him start to write. He recalls an inexplicably bizarre and murderous encounter in an old furniture shop.

Stories abridged by Robin Brooks

Read by Matthew Marsh

Producer: Clive Brill  
A Pacific production for BBC Radio 4.

**TUE 23:00 He Died with His Eyes Open (b03cn731)**  
Episode 3

By Derek Raymond  
Adapted by Nick Perry

Burn Gorman plays a detective investigating a brutal murder in 1980s London. The case has left him so consumed by empathy that he has wilfully walked the same self-destructive path as the victim (Toby Jones), even entering into an affair with the deadly ex-girlfriend (Tanya Franks). As he re-traces the deceased's final steps, he risks becoming the next victim.

Director - Sasha Yevtushenko

Sound design by Caleb Knightley.

**TUE 23:30 Today in Parliament (b03cn733)**  
On a busy day in Parliament, the Home Secretary Theresa May speaks to a committee of MPs about the latest developments in the 'Plebgate' scandal concerning the police inquiry into the former Chief Whip Andrew Mitchell. Meanwhile, the Deputy Prime Minister Nick Clegg is forced to defend the so-called

bedroom tax.

Also on the programme.  
\* Keith Macdougall hears a Labour peer compare payday lending companies to the mafia.  
\* Simon Jones reports on changes to the law to deal with dangerous dogs.  
\* Joanna Shinn follows a committee inquiry on the online dangers facing youngsters using the internet.

**WEDNESDAY 16 OCTOBER 2013**

**WED 00:00 Midnight News (b03c70sc)**  
The latest national and international news from BBC Radio 4. Followed by Weather.

**WED 00:30 Book of the Week (b03cp25y)**  
[Repeat of broadcast at 09:45 on Tuesday]

**WED 00:48 Shipping Forecast (b03c70sf)**  
The latest shipping forecast.

**WED 01:00 Selection of BBC World Service Programmes (b03c70sh)**  
BBC Radio 4 joins the BBC World Service.

**WED 05:20 Shipping Forecast (b03c70sk)**  
The latest shipping forecast.

**WED 05:30 News Briefing (b03c70sm)**  
The latest news from BBC Radio 4.

**WED 05:43 Prayer for the Day (b03cn86q)**  
A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

**WED 05:45 Farming Today (b03cn86s)**  
The National Farmers' Union President, Peter Kendall, has decided not to stand for re-election. He tells Anna Hill why.

The Welsh Government has published proposals for new legislation to speed up the process of removing abandoned and fly grazing horses from land. Councils would be able to seize, impound, and even put down horses.

Anna hears about a global farmers' twitter chat being held tonight, to mark World Food Day.

And the future of Biofuels made from plant waste not edible crops.

Presented by Anna Hill, and Produced by Sarah Swadling.

**WED 05:58 Tweet of the Day (b03bkg3b)**  
Short-Eared Owl

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

Wildlife Sound Recordist, Chris Watson, presents the Short-eared Owl. Short-eared owls, one of our most spectacular birds of prey, are nomads, roaming over vast areas of open countryside and breeding where they find their favourite habitat of moorland or long grass.

**WED 06:00 Today (b03cn86v)**  
Morning news and current affairs. Including Sports Desk, Yesterday in Parliament, Weather and Thought for the Day.

**WED 09:00 Midweek (b03cn86x)**  
Jack and Michael Whitehall, Sir Nicholas Hytner, Andrea Coleman, Sandra Noel

Libby Purves meets Sandra Noel, daughter of the filmmaker Captain John Noel who made The Epic of Everest in 1924; director of the National Theatre, Sir Nicholas Hytner; comedian Jack Whitehall and his father Michael, a theatrical agent and Andrea Coleman, co-founder of Riders for Health.

Sandra Noel is the daughter of Captain John Noel, the filmmaker behind the newly restored film of the third attempt to climb Mount Everest. The 1924 expedition culminated in the deaths of George Mallory and Andrew Irvine, sparking an on-going debate as to whether or not they actually reached the summit. Filming in harsh conditions with a specially adapted camera, Captain Noel captured images of breathtaking beauty and considerable historic significance. The Epic of Everest is

released in cinemas nationwide to coincide with its world premiere at the BFI London Film Festival.

Sir Nicholas Hytner is director of the National Theatre which celebrates its 50th birthday in October. The theatre opened its doors in 1963 at the Old Vic under Laurence Olivier. Early in his career Sir Nicholas, who steps down from the National next year, worked in repertory theatre including the Northcott Theatre Exeter, the Manchester Royal Exchange Theatre and the Royal Shakespeare Company. Other London theatre work included *Miss Saigon* and *The Importance of Being Earnest*. The National Theatre is marking its birthday with a short season celebrating the people and plays which have contributed to its success over the last 50 years.

Jack Whitehall is a comedian and actor who was voted King of Comedy at the 2012 British Comedy Awards. His father, Michael, is a theatrical agent who has been involved in the careers of many actors including Colin Firth, Nigel Havers and Judi Dench. Published by Michael Joseph, their book *Him And Me* is a portrait of their unique relationship.

Former motorcycle racer Andrea Coleman is the co-founder of Riders for Health, a charity that provides motorcycles to deliver healthcare across Africa. After the death of her first husband in a motorcycle race, she started working with African communities to show how motorcycles can help save lives. She has just been awarded a Women of the Year Award.

Producer: Paula McGinley.

**WED 09:45 Book of the Week (b03cp3by)**  
Heston Blumenthal - *Historic Heston*

Episode 3

Heston Blumenthal's name is synonymous with cutting edge cuisine but his inspiration comes from the history of British cooking. In *Historic Heston* he chooses twenty eight dishes which span from medieval times to the late 19th Century. He takes them apart, then puts them together again with his own inimitable twist, so creating a sublime 21st Century take on ancient delicacies.

Today, Heston admits that he found the 1660 recipe for Quaking Pudding irresistible. "It is all about the quake." But it is extraordinarily difficult to perfect. Even so, for a chef who has such a passion for the history of British cuisine, our prowess with puddings just can't be ignored.

Written by Heston Blumenthal  
Read by Heston Blumenthal and Hugh Dennis

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

**WED 10:00 Woman's Hour (b03cn86z)**  
Cher: Women on boards in China: Chickenshed Theatre

Cher - singer, actress, campaigner. 40 years of the groundbreaking Chickenshed Theatre. Women on company boards in China. The seven flowers that changed the world. With Jenni Murray.

**WED 10:45 15 Minute Drama (b03cn871)**  
Jane Harris - *Gillespie and I*

Episode 3

Victorian gothic mystery by Jane Harris set during the International Exhibition in Glasgow in 1888. Annie begins work on Harriet's portrait, but young Sybil is acting strangely. Dramatised by Chris Dolan.

**WED 11:00 Hugh Cudlipp - The Sinking of a Tabloid Dream (b03cnb5t)**  
Britain's tabloids have weathered one hell of a storm. Journalists fight for their reputations in the criminal courts, a national title destroyed. But could a glimpse of the way forward be in the press's rear-view mirror?

Former journalist Ian Hargreaves explores the tabloid visions of a Fleet Street legend who steered the Daily Mirror to a position of total dominance in the marketplace. Hugh Cudlipp was an editor with an unrivalled instinct for the perfect story, and a gift for presenting the issues that mattered to the ordinary reader in wildly entertaining ways. But, more than that, he was a passionate believer that newspapers for the working public could, and should, be a force for good. And yet he was also the man who failed dismally to launch The Sun as a sister to the Mirror brand, misjudging the evolving press landscape, and totally underestimating the rise of the man to whom he would soon sell the infant paper, one Rupert Murdoch.

So what would today's tabloid editors make of Cudlipp's

approach, a century after his birth? David Dinsmore, newly appointed editor of The Sun shares his thoughts on the role of the red-tops in the 21st century, defined by a marketplace where providing everything the reader wants perhaps takes precedence over the loftier ideals of a newspaper's management. We hear from former Mirror editor Roy Greenslade, and journalist Graham Johnson whose experiences of sleazy immorality at the News of the World and Sunday Mirror make shocking reading. Might the Cudlipp spirit be just what the tabloids need to be rejuvenated, or do we stare misty-eyed at an image of a golden era which perhaps never was?

**WED 11:30 Hard to Tell (b015p5g6)**  
Series 1

Episode 1

Thanks to a bike accident that's landed him in A&E, Tom Sheffield is about to go for a pizza with Ellen, a woman with the most noble of foreheads - and it turns out - the most attentive of dads.

*Hard To Tell* is a four part relationship comedy by Jonny Sweet (Edinburgh Comedy Award for Best Newcomer 2009). He conjures up characters depicting every relationship from father and daughter to the mirror in the bathroom and the feller hiding at a party; from the stalker and the stalked to dog owners and their dogs; and from lifelong friends to long term partners and their dearly departed.

The series revolves around Tom Sheffield (played by Jonny himself), his immediate family (Getting On's Vicki Pepperdine, The Thick Of It's Alex MacQueen and Not Going Out's Katy Wix), and Tom's longed-for-and-lusted-after new girlfriend, Ellen (played by Charlotte Ritchie), her best friend Hermione (Him & Her's Sarah Solemani) and Ellen's zealously protective father (Simon Greenall).

Tim Key and Tom Basden both make deliciously awkward cameo appearances.

Recorded on location, *Hard To Tell's* naturalistic, contemporary and conversational style brings new meaning to pub toilets, themed parties, early morning phone calls and Christmas Editions of Jonathan Creek.

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

**WED 12:00 You and Yours (b03cngzm)**  
Fewer young drivers killed

Consumer news with Winifred Robinson, discussing how to reduce the number of young drivers killed on the roads.

**WED 12:57 Weather (b03c70sp)**  
The latest weather forecast.

**WED 13:00 World at One (b03cnbht)**  
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

**WED 13:45 Terror Through Time (b03cngzp)**  
Killers in the Casbah

For Nelson Mandela's ANC and Yassar Arafat's PLO the Algerian war of independence was a shining example of how a powerful government could be defeated by a highly motivated group of activists.

In 1954 Algeria was an integral part of France, with a million long-established settlers dominating the local Arab majority. The decision of a new revolutionary group, the FLN, to use violence in the struggle for Algerian independence began a period of savagery which would result in hundreds of thousands of deaths and a decade of chaos in the politics of France.

Fergal Keane and historian Martin Evans explore the roots of the conflict and its legacy of terrorist violence around the world.

Producer: Alasdair Cross.

**WED 14:00 The Archers (b03cn72n)**  
[Repeat of broadcast at 19:00 on Tuesday]

**WED 14:15 Drama (b03cngzr)**  
Democracy for Beginners

By Paul Dornan. After college in London and a year in Paris, unemployed graduate Hannah returns home to sleepy Westport hoping to find a job. But the only post going is as the town's

Mayor, and her councillor Dad is a dead cert to get it. Unless, that is, Hannah decides to run too!

Director - PETER KAVANAGH.

**WED 15:00 Money Box Live (b03cngzt)**  
Ethical Saving and Investing

Thinking of saving or investing ethically? Send your questions to Ruth Alexander and guests. Call 03700 100 444 from 1pm to 3.30pm on Wednesday or email moneybox@bbc.co.uk now.

Around £8.6 billion is invested in 'Ethical' funds and according to analysts Moneyfacts, the average ethical fund has posted gains of 24% over the last year, compared with 18% growth from the average non-ethical fund. Over the past ten years however the average ethical fund grew by less than half the growth of the average non-ethical fund.

The share price total return in the Environmental Sector has increased by 29% over the last year, compared to a wider industry average of 16%, say The Association of Investment Companies.

A good financial adviser should always tell you that past performance is never an indicator of future results but if you would like to make sense of the numbers and find out more about investing ethically, Ruth Alexander and guests will be ready to answer your questions on Wednesday.

What type of investment opportunities are there?  
How can you research funds to find one that reflects your values?  
What are the risks and costs?  
Perhaps you want to find out about ethical cash or bank accounts?

Whatever your question, waiting to share their experience will be:

Olivia Bowen, Managing Director, GAEIA Partnership  
Jamie Hartzell, Founder, Ethex  
Mark Hoskin, Partner, Holden & Partners

Call 03700 100 444 between 1pm and 3.30pm on Wednesday or email moneybox@bbc.co.uk. Phone lines are open between 1pm and 3.30pm. Standard geographic charges apply. Calls from mobiles may be higher.

Presenter: Ruth Alexander  
Producer: Diane Richardson.

**WED 15:30 Inside Health (b03cn72x)**  
[Repeat of broadcast at 21:00 on Tuesday]

**WED 16:00 Thinking Allowed (b03cngzw)**  
Section 136 and Mental Health Act; BBC World Service

Laurie Taylor explores The World Service, talking to Marie Gillespie about her study into the role of the diasporic broadcasters at the heart of the BBC's foreign service. Even though the Service has derived much of its creative and diplomatic significance from these men and women, they've been largely absent from academic work and public debate. Professor Gillespie's work brings to light the invisible writers and intellectuals who've been responsible for the BBC's credibility as an international broadcaster. She's joined by Rami Aly, a Middle Eastern scholar who has studied the BBC Arabic Service, in particular. Also, who decides when someone is a danger to themselves or others? Professor Gillian Bendelow discusses her research into the use of section 136 of the Mental Health Act 1983.

Producer: Jayne Egerton.

**WED 16:30 The Media Show (b03cngzy)**  
Janice Hadlow, Sir Ray Tindle, public views on press regulation

Steve Hewlett talks to Janice Hadlow, the controller of BBC Two and Four about losing The Great British Bake Off to BBC1 and her priorities for the channels. How can BBC2 and BBC4 be distinctive in a multi-channel world?

Sir Ray Tindle joins Steve to explain how his local newspapers have remained profitable when many around him are losing money - and what he thinks of plans to regulate local news. Martin Moore, director of the Media Standards Trust, picks up on issues affecting local papers and discusses the findings of the MST's recent poll which appears to show support for the Royal Charter. Earlier today, The Sun published its poll appearing to show the opposite.

Producer: Katy Takatsuki  
Editor: Andy Smith.

**WED 17:00 PM (b03cnh00)**

Full coverage and analysis of the day's news.

**WED 18:00 Six O'Clock News (b03c70st)**

The latest national and international news from BBC Radio 4.

**WED 18:30 Bridget Christie Minds the Gap (b01r5s2l)**

Series 1

Episode 2

Bridget considers women and their day-to-day relationships with each other, via an organic herb puff snack, a church pew and a bag of dirty laundry.

Fred MacAulay helps her remember some of the key incidents which brought her to an epiphany and a call to arms.

Four-part stand-up comedy series on the state of British feminism today. Bridget asks why feminism became a dirty word and whether the modern British woman needs it.

Producer; Alison Vernon-Smith and Alexandra Smith.

First broadcast on BBC Radio 4 in 2013.

**WED 19:00 The Archers (b03cnhbv)**

Oliver's trying to persuade Caroline to have some fun and go hunting, but she's distracted when she receives a letter. The Grundys are rejecting the compensation offer. They want £5000 instead. Caroline's very disappointed.

Rob's back in Ambridge, and wants to meet Helen. It's not good news. Rob says that while he cares for her very much and they've had a wonderful time, they can't be together any more. He has to make a go of things with Jess. Helen's devastated.

Mike's fretting over the loss of the two calves. What if it spreads through the herd? Alistair understands but stresses there's no point assuming the worst. He'll give them the test results as soon as he can. Mike has noticed that Rosa seems down. The trouble with her dad has hit her hard. Alistair admits he's not sure Darrell's making the progress that Shula thinks he is.

Alistair confides to Oliver that Shula desperately wants Darrell to turn a corner, but she's got a lot on her plate herself. Oliver sympathises. Caroline's the same. That's why as husbands they need to intervene from time to time. Alistair agrees. He really doesn't want Shula to get any more involved than she already is.

**WED 19:15 Front Row (b03cnhc0)**

Paul McCartney; El Dorado; Sebastian Junger on Tim Hetherington

With John Wilson.

Sir Paul McCartney talks about his latest album (called New), he sets the record straight regarding his relationship with John Lennon, and admits that he finds it difficult to say "I love you".

The legend of a lost city of gold in South America captivated Europeans for centuries. A new exhibition at the British Museum unravels the myth of El Dorado - it was a man, not a city, and "The Golden One" was covered in powdered gold as part of a ritual. Rachel Campbell-Johnston reviews.

War photojournalist Tim Hetherington was killed covering the Libyan conflict in 2011. He'd been Oscar-nominated earlier that year along with his co-director and friend Sebastian Junger. Now Sebastian has made a moving documentary-portrait of his colleague. He talks to John about Tim's courage, his distinctive approach to photography and the effect Tim's death has had on his work.

Producer Timothy Prosser.

**WED 19:45 15 Minute Drama (b03cn87l)**

[Repeat of broadcast at 10:45 today]

**WED 20:00 Moral Maze (b03cnjpp)**

Migration

Italy has this week stepped up sea and air patrols following the deaths of hundreds of migrants sailing in overcrowded boats from North Africa. On Friday at least 33 people died when their boat capsized between Malta and the Italian island of Lampedusa. The week before more than 350 migrants died in another shipwreck off Lampedusa. The Maltese Prime Minister Joseph Muscat says the Mediterranean is being turned in to a cemetery and has called on EU states to act over the boats. Thousands of desperate migrants fleeing war and poverty in Africa and the Middle East wash up on the beaches of southern

Europe - more than 30,000 landed in Italy this year alone. So what is our moral responsibility to economic migrants? There's a clear humanitarian duty to rescue drowning people, but once they're safe should they be put on the first boat back? If we don't is there a danger of moral hazard - just encouraging the people traffickers who are making a killing out of this trade in the desperate and destitute? To some it's a question of protecting our scarce jobs and resources - a utilitarian calculation that can cut both ways. Is it a matter of procedural justice? That rules and fairness matter and that these migrants are jumping the queue, in which case should we be blind to where they've come from originally? Or does that turn it in to a competing narrative of suffering where we have a higher moral duty to those who come from the worst conditions - a judgment for Solomon surely. Is a migrant fleeing war torn Somalia looking for a better life in the West in the same moral category as an economic migrant from Bulgaria? Should we morally punish one and not the other just because they had the misfortune to be born in one country and not the other? The 1948 Universal Declaration of Human Rights enshrines the human right of individuals to move across borders whether for economic, personal or professional reasons or to seek asylum and refuge. On the other hand, it also recognises fundamental rights of states to control over borders as well as determining who is to be a citizen as distinguished from a resident or an alien. The international system straddles these dual principles but it has not been able to reconcile them. Or are we hiding behind rules procedures to avoid our clear and simple humanitarian duty to our fellow man? And by the very fact of having survived such a terrible ordeal, the moral equation on the issue of boat people changes, extending our duty to those who are in the most desperate of situations.

Panelists: Matthew Taylor, Claire Fox, Anne McElvoy and Giles Fraser.

Witnesses:

DR NANDO SIGONA: Lecturer in the Institute for Research into Superdiversity (IRiS) at the University of Birmingham, and one of the founding editors; Ed West: Author of "The Diversity Illusion: What We Got Wrong About Immigration & How to Set It Right". He is also the Deputy Editor of the Catholic Herald; DR PHILLIP COLE: Senior Lecturer in Politics and International Relations at the University of the West of England. He has written extensively on the ethics of migration, including "Philosophies of Exclusion: Liberal Political Theory; HARRIET SERGEANT: Research Fellow of the Centre for Policy Studies.

**WED 20:45 Four Thought (b03cnjpl)**

Series 4

Hello Cheeky

Farrah Jarral puts the case for more cheekiness, arguing that it is a core British value and a creative, playful way of checking power and subverting the status quo.

Farrah, a GP by day, tells the story of how one patient smashed the usual doctor-patient power gradient. She sets out to discover whether any other language has a concept quite like cheekiness, and she explains why she is convinced that there is far greater depth to it than first meets the eye.

Producer: Giles Edwards.

**WED 21:00 Costing the Earth (b03cn0rb)**

[Repeat of broadcast at 15:30 on Tuesday]

**WED 21:30 Midweek (b03cn86x)**

[Repeat of broadcast at 09:00 today]

**WED 21:58 Weather (b03c70sw)**

The latest weather forecast.

**WED 22:00 The World Tonight (b03cnjpn)**

US Senators strike deal to avert default and end government shutdown. Obama urges House of Representatives to approve it. Owner of Grangemouth oil refinery to keep it shut in dispute with union. Russian scientists retrieve chunks of meteorite from bottom of lake. Presented by Ritula Shah.

**WED 22:45 Book at Bedtime (b03d6j3j)**

Algernon Blackwood's Ghost Stories

The Transfer

Uncle Frank is coming to visit his young nephew Jamie. But Jamie is a sensitive soul, and his governess has watched a strange obsession growing in him, and an unexplained terror at the forthcoming visit.

Stories abridged by Robin Brooks

Read by Ruth Gemmell

Producer: Clive Brill

A Pacificus production for BBC Radio 4.

**WED 23:00 Before They Were Famous (b03cnjpp)**

Series 2

Episode 1

Even the most successful of writers have, at some point, had to take day jobs to pay the bills.

Ian Leslie presents the second series of this Radio 4 spoof documentary, which sheds light on the often surprising jobs done by the world's best known writers in the days before they were able to make a living from their art.

In a project of literary archaeology, Leslie unearths archive examples of early work by great writers, including Fortune Cookie messages written by Germaine Greer, a political manifesto by the young JK Rowling, and a car manual written by Dan Brown. In newspaper articles, advertising copy, and company correspondence, we get a fascinating glimpse into the embryonic development of our best-loved literary voices.

We may know them today for their novels, plays or poems but, once upon a time, they were just people with a dream - and a rent bill looming at the end of the month.

Producers: Anna Silver and Claire Broughton

A Hat Trick production for BBC Radio 4.

**WED 23:15 Helen Keen's It Is Rocket Science (b01j5nxt)**

Series 2

Episode 3

Helen Keen, Peter Serafinowicz and Susy Kane star in the funny but true history of space exploration.

This week, given that on a rocket every ounce of saved weight is crucial, an astronaut who weighs 15% less and breathes less oxygen should have a tremendous advantage. So where were all of NASA's female astronauts? The story of Soviet pioneer Valentina Tereshkova, the first woman in space, who at one time logged more hours in orbit than all the male American astronauts put together makes a thought-provoking contrast to the marginalised female astronauts of the USA, the so called Mercury 13, none of whom ever got to go into space.

Written by Helen Keen and Miriam Underhill

Produced by Gareth Edwards.

**WED 23:30 Today in Parliament (b03cnjps)**

Sean Curran reports on this week's Prime Minister's Questions and the rest of the day's events at Westminster.

**THURSDAY 17 OCTOBER 2013****THU 00:00 Midnight News (b03c70ts)**

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

**THU 00:30 Book of the Week (b03cp3by)**

[Repeat of broadcast at 09:45 on Wednesday]

**THU 00:48 Shipping Forecast (b03c70tv)**

The latest shipping forecast.

**THU 01:00 Selection of BBC World Service Programmes (b03c70tx)**

BBC Radio 4 joins the BBC World Service.

**THU 05:20 Shipping Forecast (b03c70tz)**

The latest shipping forecast.

**THU 05:30 News Briefing (b03c70v1)**

The latest news from BBC Radio 4.

**THU 05:43 Prayer for the Day (b03ct4my)**

A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

**THU 05:45 Farming Today (b03ct4n0)**

Rural housing is in short supply in many areas of the countryside. And new plans set out by the Government could allow farmers to convert their barns into houses without

requiring planning permission. However the Campaign to Protect Rural England say that new infrastructure and changing land use could spoil our landscapes - and only serve to increase the numbers of luxury houses and holiday homes. However, the NFU say that the majority of farmers won't be able to convert their barns because many have listed building status, and that any increase in accommodation would be for family or for farm workers.

We've seen a number of government-funded schemes over the last 10 years encouraging farmers to invest in energy crops such as willow and miscanthus. But are farmers able to find a market for their trees and grasses once they're fully grown? We speak to one farmer who is struggling to find places to sell his crop of willow. And we hear from an expert about what the future might hold for biofuel crops in the UK.

And on the Hebridean island of Islay around 52,000 barnacle geese are set to descend for their winter grazing - that includes grazing the island's precious grasslands. Because the birds are a protected species, they can't be culled. Residents on the island have travelled to Brussels to see if they can find a solution to the problem which they say is damaging their livelihoods.

**THU 05:58 Tweet of the Day (b03bkgqv)**  
Carrion Crow

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

Wildlife Sound Recordist, Chris Watson, presents the Carrion Crow. The crow is defined in Samuel Johnson's A Dictionary of the English Language as "a large black bird that feeds upon the carcasses of beasts." Crows have always suggested an element of foreboding. They are arch-scavengers and black mobs of them crowd our rubbish tips but they're also birds we admire for their intelligence and adaptability.

**THU 06:00 Today (b03ct4n2)**

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

**THU 09:00 In Our Time (b03ct4n4)**

The Book of Common Prayer

Melvyn Bragg and his guests discuss the Book of Common Prayer. In 1549, at the height of the English Reformation, a new prayer book was published containing versions of the liturgy in English. Generally believed to have been supervised by Thomas Cranmer, the Book of Common Prayer was at the centre of the decade of religious turmoil that followed, and disputes over its use were one of the major causes of the English Civil War in the 1640s. The book was revised several times before the celebrated final version was published in 1662. It is still in use in many churches today, and remains not just a liturgical text of great importance but a literary work of profound beauty and influence.

With:

Diarmaid MacCulloch  
Professor of the History of the Church at the University of Oxford

Alexandra Walsham  
Professor of Modern History at the University of Cambridge

Martin Palmer  
Director of the International Consultancy on Religion, Education, and Culture

Producer: Thomas Morris.

**THU 09:45 Book of the Week (b03ct4n6)**

Heston Blumenthal - Historic Heston

Episode 4

Heston Blumenthal's name is synonymous with cutting edge cuisine but his inspiration comes from the history of British cooking. In 'Historic Heston' he chooses twenty eight dishes which span from medieval times to the late 19th Century. He takes them apart, then puts them together again with his own inimitable twist, so creating a sublime 21st Century take on ancient delicacies.

Today, Heston recounts the English obsession with pineapple, first introduced here at the time of Charles II and later grown by many enthusiasts in the pineapple pits of grand country houses. And as he considers his 21st Century twist on an 1858 recipe for Topsy Cake, what better fruit could he add?

Written by Heston Blumenthal  
Read by Heston Blumenthal and Hugh Dennis

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

**THU 10:00 Woman's Hour (b03ct4n8)**

Patsy Kensit; Morwenna Banks; Gloria de Piero

Patsy Kensit talks about Absolute Beginners her autobiography. Morwenna Banks shares the inspiration for her Radio 4 drama Goodbye. The new Shadow Minister for Women and Equalities Gloria De Piero sets out her vision. And with the release of Hamlet and Frankenstein we look at the art of stage fighting. Plus Secrets of a Pet Nanny - what your dog reveals about you and your family to the people that look after it.

Presented by Jenni Murray  
Producer Louise Corley.

**THU 10:45 15 Minute Drama (b03ct4n9)**

Jane Harris - Gillespie and I

Episode 4

Victorian gothic mystery by Jane Harris set in Glasgow during the International Exhibition of 1888. At the home of the artist, Ned Gillespie, a New Year party goes horribly wrong - and young Sybil gets the blame. Dramatised by Chris Dolan.

**THU 11:00 From Our Own Correspondent (b03ct4nd)**

Songs of Love and Loss

The traditional sad songs of Portugal have become sadder still as the government in Lisbon announces another tough, cost-cutting budget -- Andrew Hosken has been noting the reaction in Lisbon. The Indian authorities launch an inquiry into a stampede at a temple which killed more than a hundred people -- Andrew North says only days before they were being praised for the measures they'd taken as a cyclone battered the country's east coast. There's an election next week in Madagascar -- Emilie Filou wonders if it might bring improvements to the island's beleaguered education system. On St Kitts in the Caribbean, Orin Gordon finds people divided over plans to build luxury homes in some of the island's most celebrated spots. While in the Italian province of Puglia, the discussion's not so much about luxury homes as why rich foreigners are flying in to buy homes which once only the poor lived in. Tony Grant produces From Our Own Correspondent.

**THU 11:30 The British Mosque (b03ct4ng)**

Critic Jonathan Glancey asks why, despite an established Muslim community, Britain still lacks a truly magnificent mosque.

In 1990 there were 400 mosques in the UK. In 2013 there are approximately 1,500. Many of these are converted existing spaces but, increasingly, they are purpose built - like the newly-opened Al-Maktoum Mosque in Dundee. Professor Robert Hillenbrand of the University of Edinburgh describes the first purpose-built mosque in late 19th Century Britain, the Shah Jahan Mosque in Woking. He compares its minarets and domes to a small scale Taj Mahal, the South Asian style of Mosque design that's most common in British cities today.

But some young Muslim architects, including Ali Mangera and Shahed Saleem, see such mosques as inadequate expressions of Islam today. Ali and Shahed are trying to reimagine the mosque as a modern space to rival, but not imitate, the Islamic grandeur of mosques in the Middle East.

One of the most ambitious projects is the proposed mosque in Cambridge. Jonathan meets Tim Winter (Abdal Hakim Murad), who's fundraising to build Europe's first eco-mosque there. The building, designed by London Eye architects Marks Barfield, references the fan vaulting of late Medieval Gothic Cathedrals to create a space that's open to Muslims and non-Muslims alike.

But why does mosque construction often provoke strong opposition? Jonathan looks at the rejected Abbey Mills "super mosque" in London's East End. Mona Siddiqui of the University of Edinburgh discusses the problems of integrating mosques into the urban landscape and Shaista Gohir, the chair of the Muslim Women's Network UK, describes the difficulties women face in many traditional mosques.

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

**THU 12:00 You and Yours (b03ct4nj)**

The rise of the posh ready meal

Consumer news with Winifred Robinson.

**THU 12:57 Weather (b03c70v3)**

The latest weather forecast.

**THU 13:00 World at One (b03ct4nl)**

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

**THU 13:45 Terror Through Time (b03ct4nn)**

The Return of the Gunmen

The Northern Ireland of the mid 1960s was a peaceful place, a sleepy provincial backwater with enviably low crime statistics. But since partition in 1921, the state had never been truly at ease with itself and sectarian conflict erupted sporadically. The combination of republican commemorations and a growing campaign for social change by the nationalist community ignited sectarian suspicion. As paramilitary armies regrouped and re-armed, a bloody conflict destined to last for decades ensued.

Fergal Keane explores the circumstances that triggered Northern Ireland's Troubles talking to former combatants, campaigners and academics including Professor Richard English of St Andrews University.

Producer: Owen McFadden.

**THU 14:00 The Archers (b03cnhby)**

[Repeat of broadcast at 19:00 on Wednesday]

**THU 14:15 Drama (b011j7v9)**

Corrinne Come Back and Gone

by Lenny Henry. Corrinne Jackson gets a letter from her daughter inviting her to return to Jamaica after twenty years. Her husband is dead. Twenty years earlier she fled to the UK leaving her children behind. Now there's a chance to set things right.

Directed by Claire Grove

This is Lenny Henry's first radio play, having recently completed an MA (with distinction) in screenwriting. And Lenny has a good story to tell. Women abandoning their children is a highly emotive subject in any culture and Lenny's family are from Jamaica, where the play is set. In the play Corrinne is optimistic that by returning she can bridge the gap the years have created and be forgiven before it is too late. Like many Caribbean women of her generation she has been separated from her children by poverty. Lenny writes with energy and humour. The subject is serious but the tone is upbeat.

**THU 15:00 Ramblings (b03ct4nq)**

Series 25

The Same Walk 365 Times

This week's walk is a little unusual. The guest, Cathy Dreyer, wrote to the programme to suggest we join her on a short, local route which she has chosen to walk 365 times.

Cathy began her project after reading the first few pages of Robert Macfarlane's book, 'The Old Ways'. She was filled with envy at his freedom to walk in exciting, far flung places. But rather than moan about her domestic responsibilities, Cathy thought she'd respond by doing a very short walk, 365 times over.

Cathy says she is using the walk to examine "what's really there" in both the natural world and in her domestic life as a parent which is repetitive and intimate, going over and over the same worn but wonderful ground. Motherhood and work means it's taking longer than a year to complete the project, something Cathy is chronicling in a blog [www.walkinginacircle.wordpress.com](http://www.walkinginacircle.wordpress.com)

The theme of this series of Ramblings is listeners' walks, and this week's presenter is a previous Ramblings' guest: the broadcaster, actor and musician, Toyah Willcox.

Producer: Karen Gregor.

**THU 15:27 Radio 4 Appeal (b03cd94p)**

[Repeat of broadcast at 07:55 on Sunday]

**THU 15:30 Open Book (b03cdh4n)**

[Repeat of broadcast at 16:00 on Sunday]

**THU 16:00 The Film Programme (b03ctc1p)**

Paul Greengrass on Captain Phillips; David Gordon Green on Prince Avalanche; Robin Wright in The Congress

Director Paul Greengrass talks to Francine Stock about his latest ship-hijacking movie 'Captain Phillips' and how his

family's own history on the high seas informed his film making. Actress Robin Wright talks about being immortalized by motion capture and how she felt seeing herself in cartoon form in 'The Congress'. David Gordon Green discusses his surreal comedy 'Prince Avalanche' - the story of two quirky men painting road markings in the middle of nowhere. And master of Japanese cinema Hirokazu Koreeda shares the secret to getting such brilliant performances out of children in his films.

Producer: Elaine Lester.

#### THU 16:30 BBC Inside Science (b03ctc1r)

Genetics and education; Golden Rice inventor; Chimp Chatter and Lightning Lab

The link between genetics and a child's academic performance hit the headlines this week when Education Secretary, Michael Gove's outgoing special advisor, Dominic Cummings, called for education policy to incorporate the science behind genes and cognitive development. Mr Cummings cited the Professor of Behavioural Genetics, Robert Plomin, as a major source, and Professor Plomin tells Dr Adam Rutherford what he thinks about the way his research has been interpreted. Steve Jones, Emeritus Professor of Genetics from University College London says why he believes genetics and education is such a controversial subject.

Fifty years ago, researchers tried, and failed, to teach chimpanzees English. They concluded that chimp noises were merely basic expressions of fear or pleasure. Dr Katie Slocombe from York University has shown that chimp language is far more tactical, machiavellian even, than that.

The inventor of Golden Rice, the genetically modified crop, tells Adam Rutherford that he agrees with Environment Secretary, Owen Paterson, that those who attack GM crops are "wicked". Professor Ingo Potrykus from the Swiss Federal Institute of Technology in Zurich developed Golden Rice enriched with Vitamin A in 1999 and believes that opposition to GM foods has prevented the crop being grown and widely planted. But, nearly 80 years old, Professor Potrykus tells Inside Science that he still believes Golden Rice will be grown and eaten throughout the world during his lifetime.

Rhys Phillips makes lightning at a Cardiff laboratory for this week's Show Us Your Instrument. It's used to test aeroplane parts. Less metal in an aircraft makes it lighter but too little and the lightning may damage the plane. The safest way to test is to make your own lightning, at ground level.

Producer: Fiona Hill.

#### THU 17:00 PM (b03ctc1t)

Full coverage and analysis of the day's news.

#### THU 18:00 Six O'Clock News (b03c70v5)

The latest national and international news from BBC Radio 4.

#### THU 18:30 Clare in the Community (b01pPHYf)

Series 8

Hot Desk

Social Worker Clare Barker and her colleagues have to move offices and embrace hot desking. All this while Clare has a new student to wet nurse. Brian is struggling to keep control in the classroom.

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.

Each week we join Clare in her continued struggle 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  
 Megan ..... Nina Conti  
 Nali ..... Nina Conti  
 Ray ..... Richard Lumsden  
 Helen ..... Liza Tarbuck  
 Simon ..... Andrew Wincott  
 Libby ..... Sarah Kendall  
 Alice ..... Alex Tregear  
 Abigail ..... Eleanor Crooks  
 Dexter ..... Will Howard

Bob ..... Robert Blythe  
 Neighbour ..... Ben Crowe  
 Terence ..... Ben Crowe  
 MC ..... Ben Crowe  
 Simon's girlfriend ..... Bharti Patel

Producer Katie Tyrrell.

First broadcast on BBC Radio 4 in January 2013.

#### THU 19:00 The Archers (b03ctcft)

Shula's surprised when Darrell appears at The Stables. He's been sleeping rough for a couple of nights. She asks how his doctor's appointment went and offers to pick up his prescription, but he says he's already got it. Darrell mentions a forthcoming appointment with a job centre adviser. Shula is glad Darrell's sounding so positive.

When Neil gives Darrell a lift to pick up his work tools, Darrell tells Neil he's sure he'll get a job now. He's going to show everyone that he can sort himself out. Neil says they're all rooting for him.

David and Ruth are angry when they discover a dog has been chasing their ewes. They have to struggle to get them out of the river where they've all herded. David calls the police while Ruth tries to find the culprits.

David tells Ruth and Jill that although the police won't be coming out, they are taking the incident seriously. Jill may have seen the dog walkers in the village shop earlier. She'd discovered that Rob had been hunting today, which seems a bit odd after his bereavement. Ruth suggests it might be a way to take his mind off things.

#### THU 19:15 Front Row (b03ctcftb)

Prince Avalanche reviewed; Masterpiece in a primary school; Theatre director Michael Blakemore

With Mark Lawson.

The film Prince Avalanche is a tale of two men (played by Paul Rudd and Emile Hirsch) who, as they spend a summer painting the traffic markings on a country highway, share a journey of self-discovery. Novelist M J Hyland reviews.

Mark visits a Luton primary school, as the children get to see a Frank Auerbach painting, on loan for the day. The work came from the Ben Uri Gallery as part of the Masterpieces in Schools programme, a partnership between the Public Catalogue Foundation and BBC Learning. Mark joins the children as they prepare to see a masterpiece first-hand, many of them for the very first time, and hears their thoughts about Auerbach's Mornington Crescent, Summer Morning II.

Michael Blakemore joined the National Theatre as an Associate Director in 1971 under the leadership of Sir Laurence Olivier. His memoir Stage Blood tells the story of his time at the theatre and reveals the reasons behind his dramatic exit in 1976 after speaking out against Peter Hall's leadership. He reflects on why now was the right time to tell his story.

Producer Claire Bartleet.

#### THU 19:45 15 Minute Drama (b03ct4nb)

[Repeat of broadcast at 10:45 today]

#### THU 20:00 Law in Action (b03cn0rd)

[Repeat of broadcast at 16:00 on Tuesday]

#### THU 20:30 The Bottom Line (b03ctfp4)

Digital Marketplaces

Where can you find a hand-stitched crochet blanket, the latest Lady Gaga video or sell your old sofa? Trading online makes it easier than ever to find a marketplace and gives the consumer a different and faster way to shop and browse. On The Bottom Line Evan Davis discusses the issues with:

Nic Jones, Senior Vice President International, VEVO;  
 Nicole Vanderbilt, MD Etsy; and  
 François Coumau, General Manager for Continental Europe, eBay.  
 Producer : Smita Patel.

#### THU 21:00 BBC Inside Science (b03ctc1r)

[Repeat of broadcast at 16:30 today]

#### THU 21:30 In Our Time (b03ct4n4)

[Repeat of broadcast at 09:00 today]

#### THU 21:58 Weather (b03c70v7)

The latest weather forecast.

#### THU 22:00 The World Tonight (b03ctfp6)

In-depth reporting and analysis from a global perspective.

#### THU 22:45 Book at Bedtime (b03d6qb7)

Algernon Blackwood's Ghost Stories

The Man Who Lived Backwards

Musing in his chair one evening, Professor Zeitt stumbles on a way of looking at the events of his life from outside time, and reviews a crucial decision he made as a young man which has left him unhappy in love - unhappy in life.

Stories abridged by Robin Brooks

Read by Matthew Marsh

Producer: Clive Brill  
 A Pacificus production for BBC Radio 4.

#### THU 23:00 Seekers (b03ctfp8)

Series 1

That Bloke Keeps Looking at Us

There's a bloke sitting at the other end of the Job Centre waiting room. Joe, Terry and Stuart try and work out who he is.

He starts giving the three lads, evil looks. Joe becomes adamant that he is a hitman sent by the Food Standards Agency. Terry thinks it might be a bloke from Benefits fraud. Whoever he is they're determined not to be intimidated and return the evil looks.

Steven Burge's comedy about the staff and the clients who frequent a Job Centre in the Essex town of Rayleigh.

Starring Matthew Horne and Daniel Mays.

Stuart ..... Mathew Horne  
 Joe ..... Daniel Mays  
 Terry ..... Tony Way  
 Mr Rocastle ..... Tony Way  
 Nicola ..... Zahra Ahmadi  
 Gary Probert ..... Steve Oram  
 Bill Parfitt ..... David Seddon  
 George Dorset ..... Alex Lowe  
 Mandy Dorset ..... Bharti Patel  
 Mr Boland ..... Michael Bertenshaw

Producer: Katie Tyrrell.

First broadcast on BBC Radio 4 in October 2013.

#### THU 23:30 Today in Parliament (b03ctfpb)

MPs react with anger to the news that British Gas is to increase its energy prices.

The Energy Secretary says he is disappointed and urges customers to switch to other suppliers.

The new Shadow Education Secretary, Tristram Hunt, says a critical report on the Al-Madinah free school is a "devastating blow" to the Government's policy.

But the Education Minister, David Laws, insists that swift action is being taken.

MPs criticise the Government over cuts to the army and problems in recruiting reservists.

And there is condemnation in the House of Lords of groups opposed to trials of genetically modified "Golden Rice".

Rachel Byrne and team report on today's events in Parliament.

#### FRIDAY 18 OCTOBER 2013

#### FRI 00:00 Midnight News (b03c70wr)

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

#### FRI 00:30 Book of the Week (b03ct4n6)

[Repeat of broadcast at 09:45 on Thursday]

#### FRI 00:48 Shipping Forecast (b03c70wt)

The latest shipping forecast.

#### FRI 01:00 Selection of BBC World Service Programmes (b03c70ww)

BBC Radio 4 joins the BBC World Service.

**FRI 05:20 Shipping Forecast (b03c70wy)**

The latest shipping forecast.

**FRI 05:30 News Briefing (b03c70x0)**

The latest news from BBC Radio 4.

**FRI 05:43 Prayer for the Day (b03cctwy)**

A spiritual comment and prayer to begin the day with Imam Monawar Hussain, Muslim Tutor at Eton College.

**FRI 05:45 Farming Today (b03cv46v)**

The National Farmers' Union breaks its silence over the progress of the pilot badger culls. Charlotte Smith interviews NFU Vice President Adam Quinney about why he thinks the Gloucestershire pilot, which killed far fewer badgers than it originally set out to, has still been worthwhile. Marksmen have shot 708 badgers in Gloucestershire through free shooting and cage trapping, but have fallen short of their target of 1,650. The company running the cull has now applied for an eight week extension to its licence. Charlotte also hears from a Gloucestershire beef farmer who thinks the six-week timescale was too tight, while Mark Jones from Humane Society International shares his doubts about the humaneness of the cull.

Also on the programme: Caz Graham explains how British wool is making a comeback thanks to designer clothing, carpets and handicrafts, and Jules Benham meets a tomato grower who's generating enough biomass energy to power his giant glasshouse and still make a contribution to the National Grid.

Presented by Charlotte Smith. Produced in Bristol by Anna Jones.

**FRI 05:58 Tweet of the Day (b03bkh4k)**

Goldcrest

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

Wildlife Sound Recordist, Chris Watson, presents the Goldcrest. Goldcrests are, by a whisker, our smallest bird - roughly nine centimetres long and the weight of a ten pence coin. They migrate in October and November from Continental Europe and some people used to believe that because they arrived around the same time as wintering woodcock they'd travelled on the waders' backs and the tiny goldcrest became known as the 'woodcock pilot'.

**FRI 06:00 Today (b03ccth2)**

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

**FRI 09:00 Desert Island Discs (b03cd94y)**

[Repeat of broadcast at 11:15 on Sunday]

**FRI 09:45 Book of the Week (b03cv46x)**

Heston Blumenthal - Historic Heston

Episode 5

Heston Blumenthal's name is synonymous with cutting edge cuisine but his inspiration comes from the history of British cooking. In 'Historic Heston' he chooses twenty eight dishes which span from medieval times to the late 19th Century. He takes them apart, then puts them together again with his own inimitable twist, so creating a sublime 21st Century take on ancient delicacies.

Today, as an avowed fan of Alice in Wonderland, Heston unveils the inspiration for one of his signature dishes, Mock Turtle Soup. The original recipe for the soup appeared in a cookbook written by the first Professor of Botany at Cambridge University in 1732, but the dish quickly made it into the mainstream and the craze for it lasted well into the Victorian age.

Written by Heston Blumenthal  
Read by Heston Blumenthal and Hugh Dennis

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

**FRI 10:00 Woman's Hour (b03cv46z)**

We hear from Polly Apio, a farmer in Uganda. Women tricked into relationships by under cover officers talk about their experiences. And are you getting near retirement and worried about how much money you'll have to live on? Jenni Murray will be joined by Joanne Segars, Chief Executive of the National Association of Pensions Funds.

Presenter: Jenni Murray  
Producer: Bernadette McConnell.

**FRI 10:45 15 Minute Drama (b03cv471)**

Jane Harris - Gillespie and I

Episode 5

Victorian gothic mystery by Jane Harris set in Glasgow during the International Exhibition in 1888. Young Sybil's erratic behaviour continues to cause concern when tragedy strikes. Dramatised by Chris Dolan.

**FRI 11:00 Jugaad: The Rise of Frugal Innovation (b03cv473)**

Jugaad is an Indian colloquial word that means ingenious improvisation in the face of scarce resources. It's a can-do attitude driven by necessity.

It used to be a rather pejorative term but, over the past ten years, Jugaad has taken on a new respectability. Now it's being promoted everywhere by politicians, economists and global business gurus as India's most precious resource and one that multinational companies can learn from to reach new consumers.

Mukti Jain Campion meets some of India's most famous jugaad innovators and discovers how their ideas and products may soon be going global. These range from grassroots innovations such as the Royal Enfield Bullet motorbike adaptation that turns it into a plough, the clay fridge that doesn't need electricity, and the Aakash tablet - the world's cheapest computer which could soon revolutionise education for India's huge student population but is now also attracting interest in California's Silicon Valley.

Producer: Mukti Jain Campion  
A Culture Wise production for BBC Radio 4.

**FRI 11:30 The Gobetweanies (b03cv475)**

Series 3

Episode 1

Marcella Evaristi's bittersweet take on divorced parenting looks at a north London family through the prism of two go-betweening siblings.

Starring Sarah Alexander as Mimi and Mark Bonnar as Joe, their arrangement comes under strain - newly divorced Mimi is blaming Joe for the failure of her third marriage. But it's hard to establish a regime of minimum contact with her children's father when the new dog has to attend puppy classes.

And no one can decide on his name.

Mimi has decided to branch into teenage fiction but, when the kids discover they are being used as copy, they mutiny. Lucy pretends to have an eating disorder and lies that Tom is now bed-wetting. But Mimi is set on her new writing venture. She's calling it The Gobetweanies and it's all about urban puberty.

Mimi's agent Ruby disapproves. She tells Lucy and Tom about Philip Roth and his warnings on the fall out of writing about your own family. But when Tom starts reading Portnoy, he gets wonderfully inspired.

Written by Marcella Evaristi  
Director: Marilyn Imrie

Producer: Gordon Kennedy  
An Absolutely production for BBC Radio 4.

**FRI 12:00 You and Yours (b03cv477)**

Jeremy Hunt talks social care

Secretary of State for Health, Jeremy Hunt will today address directors of social services about one of the toughest problems we face in this country. How do we provide and pay for dignified care to an aging population.

The Campaign for Wool want to raise it's profile as a natural, sustainable and versatile product. And the struggling sheep farmers hope there'll be better returns for them.

Researchers at the Journal of Consumer Psychology have discovered that when we see something new, we subconsciously form the product name with our mouths - but if you're chewing you might be immune to what you're seeing.

The hippie who became a millionaire selling smellies. The business of Lush

Small businesses often have tight marketing budgets but one of the best ways to get your firm noticed is to associate your name with a charitable cause. However, You and Yours has received complaints that a publishing company is targeting small enterprises with a chance to advertise in worthy campaigns in schools- but there are fears these campaigns don't exist. Edinburgh's trams are late, way over budget and will only be

travelling a fraction of the distance originally intended. But they are at least now up and running. So are people in Edinburgh now more optimistic it's going to be a service worth having?

**FRI 12:52 The Listening Project (b03cv479)**

Penny and Caroline - Life Goes On

Fi Glover presents a conversation between friends about how one of them dealt with a diagnosis of breast cancer when she was pregnant with her fourth child, in the series that proves it's surprising what you hear when you listen.

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

Producer: Marya Burgess.

**FRI 12:57 Weather (b03c70x2)**

The latest weather forecast.

**FRI 13:00 World at One (b03cv47c)**

News and current affairs, presented by Edward Stourton.

**FRI 13:45 Terror Through Time (b03cv47f)**

Defeat from the Jaws of Victory

For more than 40 years the Basque separatist group, ETA, fought a violent campaign to win independence from Spain.

In January 2011 the group declared a permanent ceasefire. Fergal Keane travels to Spain to try to understand why ETA's struggle lasted for so long.

In the Basque Country he speaks to one of the founder members of the organisation, who gave up the armed struggle in the 1980s. In Madrid he meets a young Basque politician who lost a leg to an ETA car bomb, and he meets the sister of Miguel Angel Blanco whose kidnapping and murder in 1997 brought millions onto the streets of Spain to call for ETA to end their violence.

With Professor Rogelio Alonso of Madrid's King Juan Carlos University and Professor Paul Preston of the LSE.

Producer: Isobel Eaton.

**FRI 14:00 The Archers (b03cctff)**

[Repeat of broadcast at 19:00 on Thursday]

**FRI 14:15 Drama (b03cv47h)**

The Man in the Lift

A man has been contracted to repair the lift in a residential tower block. But trapped in a confined space and suspended in time, a lift can become a place of transformation.

A humorous and unsettling story about social fragmentation and the powerful influence of popular culture and new technology.

A first play for radio by Tom Connolly.

Tom has shot commercials and corporates across the globe. He is also the producer and director of award winning short films for the BBC and Channel 4, including the critically acclaimed "Dogfight". His debut novel "The Spider Truces" was shortlisted for the Writers' Guild of Great Britain Award and the Desmond Elliott Prize - the Financial Times called it one of the top five debut novels of the year.

Producer/Director: Karen Rose

A Sweet Talk production for BBC Radio 4.

**FRI 15:00 Gardeners' Question Time (b03cv47k)**

RHS Rosemoor

Peter Gibbs is at RHS Rosemoor where he is joined by panellists Bunny Guinness, Matthew Wilson and Bob Flowerdew. We take practical tips while out and about in the

grounds and find out how putting some extra work in during autumn can save you time next season.

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

This week's questions:

Q. North Devon is famous for the Victorian Fern craze. Can the team make some "ferntastic" plant suggestions for 2014?

A. There are so many different times of fern, but the Hart's Tongue is very popular. Polystichum provide a good ground cover and require hardly any maintenance. Shuttlecock ferns are fantastic, offering lime-green foliage that unfurls in the spring.

Q. Is it true that runners should be cut out of roses because they take strength from the plant?

A. Gardeners did used to be told to cut off the suckers, but nowadays they are less of a problem as the root stocks have been changed. If you plant them with the root stock well below the ground then you shouldn't have any problems with suckers. If one does appear, it is best to pull it off as you will get the root stock on top rather than the plant you have bought. However, if the foliage looks similar to the rest of the plant it could actually be a basal stem.

Q. What would the panel suggest planting in a small flowerbed that faces northeast and has dry, clay soil conditions?

A. The first thing to do is to improve the soil. Spend about a year applying organic matter in layers to the surface and allow it to break down. Plants such as Japanese Anemone, Bergenia and Polystichums may do well. Bulbs could also work as they are woodland plants and are used to dappled shade. Most of them will flower early when some of the moisture from the winter still remains. Cannas such as canna iridiflora often don't need as much water as people think and can withstand a lot of shade. These could be framed by a pattern of topiary box for a structure throughout the winter.

Q. Why would butternut squash planted on compost heaps start to split?

A. This is caused by an irregular water supply. The heap must have been moist enough for them to start growing but then there will have been a dry period. This will have caused the skin to harden and when more water arrived they will have expanded and split.

Q. How can one grow Wild Foxgloves and Welsh Yellow Poppies from seed without scattering them naturally?

A. They could be developed as plug plants. If you sow them now they should come up over the winter months ready for planting in spring.

Q. Is it possible to graft a New Zealand Taylor's Gold Pear Tree from a seed?

A. You could have the Taylor's Gold grafted from bud wood, but a pip may not be successful. There are other varieties available in the UK that turn a yellow colour, such as Souvenir du Congris or Doyenne du Comice.

Q. Which plant does the panel think will become the new invasive weed of the twenty-first century?

A. It's not necessarily a case of how easily a plant spreads that is the problem but how hard it is to remove. It also depends on the area and climate. Many woodlands are being invaded by Lamium. It could also be oil seed rape because it is escaping from fields could cross breed. There are nearly twenty plants that have been marked as potential threats.

Q. What would be the best recipe for a free materials compost when growing tomatoes?

A. Each garden differs because ingredients such as manure will vary in nitrogen content. But if you were to add manure to a clay soil along with something such as wood ash you will get an excellent crop. You can add seaweed as a tonic and leaf mould will add structure. Alternatively, a bag of well rotted-down grass turf will also do the job.

**FRI 15:45 Brazilian Bonanza (b03cv47m)**  
Valdir Peres, Juanito and Poloskei

Valdir Peres, Juanito and Poloskei is by Antonio Prata. On a suburban street in 1980s Brazil, status and wealth are measured by the size and sophistication of the toys received on birthdays and at Christmas.

Antonio Prata has published nine books, including Douglas (2001), Adulterado (2009) and most recently, Meio intelectual, meio de esquerda (2010). He also writes for television and

contributes a literary column to the newspaper Folha de S.Paulo.

Daniel Hahn is a writer, editor and translator. He is the recipient of the Independent Foreign Fiction Prize. He is currently national programme director of the British Centre for Literary Translation.

Read by Julian Rhind-Tutt.  
Translated by Daniel Hahn.  
Abridged by Miranda Davies.  
Produced by Elizabeth Allard.

**FRI 16:00 Last Word (b03cv47p)**

A Buddhist leader, a cookery writer, a Motown stylist, an Australian criminal and a whisky distiller

Aasmah Mir on Tibetan Buddhist Choje Akong Rinpoche who founded the first monastery in the West.

Also: cookery writer and teacher Marcella Hazan who introduced authentic Italian cooking to Americans in the 1970s and 1980s.

The woman who taught early Motown artists how to walk and what to wear - Maxine Powell

Mark 'Chopper' Read - the Australian criminal and author whose autobiography was turned in to a hit film in 2000

And the best-trained 'nose' in Britain - Charles Craig, successful distiller of Scotch whisky

Producer: Neil George.

**FRI 16:30 Feedback (b03cv47r)**

Does the BBC still need to balance climate change science with sceptical views on the other side? After the World At One gave airtime to a climate change denier, Bob Carter, Feedback listeners questioned whether this was impartiality gone mad. We speak to Professor Steve Jones, who wrote a report for the BBC Trust on the impartiality and accuracy of the BBC's science coverage, about where to draw the line.

Nobel Prize winners, top-selling novelists, former presidents and Russell Brand. There's stiff competition for a place on Desert Island Discs. Regardless of the guest, the much-loved series rarely causes Feedback listeners to comment, but when naturalist and TV presenter Chris Packham was castaway with Kirsty Young last week, many wrote to say how moved they were by his honesty and refreshing musical choices. We hear Chris' view of the experience.

Also this week, have you heard CBeebies radio? No? Well neither had any of the parents surveyed in a recent BBC Trust review into children's services. Feedback reporter Catherine Carr visits four mums who have agreed to give it a go.

Producer: Will Yates  
A Whistledown production for BBC Radio 4.

**FRI 16:56 The Listening Project (b03cv47t)**  
Sephbon and Hughbon - Carnival Kings

Fi Glover introduces a conversation between a father and son about the impact Leeds Carnival has had on their lives, shaping their family and their relationship, in the series that proves it's surprising what you hear when you listen.

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

Producer: Marya Burgess.

**FRI 17:00 PM (b03cttn8)**

Full coverage and analysis of the day's news.

**FRI 18:00 Six O'Clock News (b03c70x4)**

The latest national and international news from BBC Radio 4.

**FRI 18:30 The Now Show (b03cv47w)**  
Series 41

Episode 4

Steve Punt and Jon Culshaw present a comedic look at the week's news, providing a topical mix of stand-up, sketches and songs that tell you everything you need to know. With Lloyd Langford, Nathan Caton, Mitch Benn, Laura Shavin and Vikki Stone.

**FRI 19:00 The Archers (b03cv47y)**

Jim takes Joe for a picnic at the orchard to lift his spirits. It's good to see Joe out and about in the fresh air where he belongs. Joe chats about harvesting cider apples and says there's plenty of life in the old dog yet. Jim suggests making a date for a cider-tasting jaunt. Although Joe's cagey, Jim's undeterred.

While Tom and Kirsty are having a lazy morning, Kirsty wonders if Helen's ok. She was a bit snappy with Henry last night. Tom says she was a bit reserved but maybe she was just giving Henry some boundaries.

Helen can't believe Rob's visiting her at work. What the hell is he playing at? He says he's worried about her as she's not replied to any of his texts. Helen tells him she wants no part of his games and to leave her alone.

When Kirsty asks Helen if she's all right, Helen bursts into tears. She admits that Rob's broken up with her. She hadn't told Kirsty at first because Kirsty had warned her about the relationship. Helen's all over the place. She thought they were so right for each other. It hurts so much. She wishes she'd never met Rob.

**FRI 19:15 Front Row (b03cv480)**

Morrissey autobiography; Clio Barnard; Glee's Cory Monteith tribute

With John Wilson.

Following in the footsteps of Homer's Odyssey, Morrissey's Autobiography has been published as a Penguin Classic. The singer takes readers through his childhood in Manchester, The Smiths' success and subsequent court battles, insights into personal relationships - and unexpected stories, including an invitation to appear in Friends. Philip Hoare, a winner of The Samuel Johnson Prize for non-fiction, reviews.

Director Clio Barnard, who won acclaim for The Arbor, her portrait of the Bradford writer Andrea Dunbar, talks to John about her new film The Selfish Giant, loosely based on a story by Oscar Wilde, which now focuses on two boys lured into the world of scrap metal.

Nelson, Navy, Nation is a new permanent gallery at the National Maritime Museum. Opening on Trafalgar Day (21 October) it looks at how the Royal Navy shaped individual lives and the course of British history in the 18th century - a period when sea-faring heroes were national celebrities. Naval historian Dr Sam Willis reviews.

Tonight's edition of Glee is a tribute to actor Cory Monteith, who died earlier this year and who played the central role of Finn Hudson in the series. Boyd Hilton, TV editor of Heat magazine, discusses how programme-makers deal with unexpected tragedies or cast-absences in long running series.

Producer Rebecca Nicholson.

**FRI 19:45 15 Minute Drama (b03cv47i)**

[Repeat of broadcast at 10:45 today]

**FRI 20:00 Any Questions? (b03cv482)**

David Willetts, Hilary Benn, Lesley Riddoch, Mark Littlewood

Jonathan Dimbleby presents political debate and discussion from Rothbury in the North East with Shadow Secretary of State for Communities and Local Government, Hilary Benn MP; Minister of State for Universities and Science David Willetts MP; the writer and broadcaster Lesley Riddoch; and the Director General of the Institute for Economic Affairs, Mark Littlewood.

**FRI 20:50 A Point of View (b03cv484)**

Machine Intelligence

Lisa Jardine compares the contributions of Ada Lovelace and Alan Turing a century later to computer science and contrasts their views on the potential of and limits to machine intelligence.

Producer: Sheila Cook.

**FRI 21:00 Terror Through Time (b03cv486)**

Terror Through Time: Omnibus

Terror Takes Control

As World War Two came to an end the great colonial powers of France and Britain found themselves embroiled in small-scale conflicts around the globe.

Fergal Keane explores the use of terrorist techniques in Algeria and Mandatory Palestine to find out if they were the crucial factor in the defeat of the colonial powers. He also investigates the development of counter-terror techniques in Kenya and Malaya and explains how and why terror became a component in the internal conflicts of the United Kingdom and Spain.

**FRI 21:58 Weather (b03c70x6)**

The latest weather forecast.

**FRI 22:00 The World Tonight (b03cv488)**

In-depth reporting and analysis from a global perspective.

**FRI 22:45 Book at Bedtime (b03d6r34)**

Algernon Blackwood's Ghost Stories

The Kit Bag

Johnson has attended a shocking court-case and, as he packs for his holiday, the memories of the details of a brutal murder comes back to haunt him. But so does something else.

Stories abridged by Robin Brooks

Read by Matthew Marsh

Producer: Clive Brill

A Pacificus production for BBC Radio 4.

**FRI 23:00 A Good Read (b03cn50j)**

[Repeat of broadcast at 16:30 on Tuesday]

**FRI 23:30 Today in Parliament (b03cv48b)**

Mark D'Arcy reports from Westminster as an MP's bill to tighten up on driving under the influence of drugs finds itself in a parliamentary cul-de-sac. The bill is likely to run out of time as critics complain that it's not fully worked out, and will only apply to people using Class A drugs - not cannabis.

Also - will the government be forced to back down over an unexpected row that's hit the Government's bill to stop elderly people having to sell their home to pay their care bills?

The new Deputy Speaker describes her first stint in the Speaker's chair - apparently its big, comfy and has an excellent view of the chamber.

And the Fusiliers drum up support outside Parliament in protest at cuts to their regiment.

**FRI 23:55 The Listening Project (b03cv48d)**

Abigail and Lina - Leaving Home

Fi Glover introduces a conversation uploaded by a listener, about how she and her friend deal with the things that make them happy and sad, and the pain of letting go of dreams, in the series that proves it's surprising what you hear when you listen.

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Producer: Marya Burgess.