

SATURDAY 01 FEBRUARY 2014

SAT 00:00 Midnight News (b03sb60h)

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

SAT 00:30 Book of the Week (b03s9y35)

Germaine Greer - White Beech: The Rainforest Years

Episode 5

Germaine Greer returns from a six month stay in England to find some exciting plantlings in her propagation unit in the rainforest. And though they look nothing like their parent, she is sure she knows what they will grow into. It is a triumph that makes all the hard work, worry and expense worthwhile.

Read by Germaine Greer

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

SAT 00:48 Shipping Forecast (b03sb60k)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b03sb60m)

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

SAT 05:20 Shipping Forecast (b03sb60p)

The latest shipping forecast.

SAT 05:30 News Briefing (b03sb60r)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b03sb7ww)

A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

SAT 05:45 iPM (b03sb7wy)

'This isn't just a story about plants, this is a love story' - iPM hears from a woman who inherited her husband's greenhouse full of orchids. Presented by Eddie Mair. Email iPM@bbc.co.uk.

SAT 06:00 News and Papers (b03sb60t)

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

SAT 06:04 Weather (b03sb60w)

The latest weather forecast.

SAT 06:07 Open Country (b03s9tmh)

Adlestrop

Helen Mark visits the small Gloucestershire village of Adlestrop that inspired Edward Thomas' famous eponymous poem when his steam train unexpectedly stopped there 100 years ago, on the eve of war. Helen meets Ian Morton of the Edward Thomas Fellowship to find out more about the poet who died in combat in 1917, as well as people who live and work in this beautiful corner of the Cotswolds. She visits Daylesford, the nearby large organic farm operation, makers of their own Adlestrop cheese, and hears about the Wychwood Forest Project.

Producer: Mark Smalley.

SAT 06:30 Farming Today (b03sr0wf)

Farming Today This Week: Breakfast

Some say it's the most important meal of the day, however around half of us don't eat it. From oats to eggs, Farming Today This Week looks at where breakfast comes from.

Anna Hill joins the Brown family around their kitchen table on their dairy farm, as they tuck into a cooked breakfast. The morning at Bluebell Dairy, on the outskirts of Derby, starts in the milking parlour with Geoff and his cattle. After the hard work is done Geoff joins the rest of his family, along with his fresh milk for his cereal, as they sit down and talk about the day ahead.

All of this week as part of a nationwide campaign called Farmhouse Breakfast Week, farmers have been urged to promote their produce, to explain where the food we start the day with starts its journey.

Presented by Anna Hill and produced by Lucy Bickerton.

SAT 06:57 Weather (b03sb60y)

The latest weather forecast.

SAT 07:00 Today (b03sr0wh)

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

SAT 09:00 Saturday Live (b03sr0wk)

Actress and writer Natascha McElhone

Richard Coles & Anita Anand with special guest actress, writer and Costa Book award judge Natascha McElhone on her unthespian roots and the sudden death of her husband. They hear the Inheritance Tracks of singer Graham Nash and Ron Moody's Secret Life of 'ombrage'. Flood victim Trixie Webber tells them how she recovered from the Boscastle flood of 2004 and Louise Ashley and Jason Liostatos reflect on how their relationship fared with no fixed abode. Peter Caton revisits the train journeys of his childhood and Matt Adkins explains why a traffic roundabout was his salvation.

Producer: Harry Parker.

SAT 10:30 Reimagining the City (b03sr0wm)

Series 2

London

"The city is about light and water for me because it interrupts them, it interrupts light and it interrupts water and when something is interrupted it reveals itself to you".

Lavinia Greenlaw is perhaps unusual in that she has lived in the same part of London for most of her life. Walking up Hampstead Heath in the first light of a winter's morning she explains how the Heath is her childhood landscape where she played with her siblings.

But it's also the point where the city and the suburbs meet: "Although there's no clear edge to London I feel that the lip of the bowl where it sits is defined by the Heath which starts out being in the city and quickly ends up in the suburbs - a very different place. I was born on the border and used to feel that I was operating in two countries".

Here she crosses the river, climbs towers and walks through the Heath to reveal her unexpected and surprising vision of London.

Producer: Rachel Hooper

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

SAT 11:00 The Week in Westminster (b03sr0wp)

Isabel Hardman of The Spectator looks behind the scenes at Westminster.

What did the shenanigans over the Immigration Bill achieve? Who are the real UKIP voters? And will Labour and LibDems find common ground in their policies to tax the richest in society?

Plus the merits of a minority government, and what leads politicians of different parties to become friends.

The editor is Marie Jessel.

SAT 11:30 From Our Own Correspondent (b03sr0wr)

Don't Call It a Drone!

Reporters worldwide. In this edition: Britain and France agree to co-operate on a new unmanned combat aircraft but all involved say - let's not call it a drone! The first round of the Syrian peace talks have come to an end in Geneva. You might think little's been achieved, but that's not necessarily the case. We go to meet the former warlord with links to Osama bin Laden who wants to be the next president of Afghanistan and to Work Street in Athens where, despite some upbeat government forecasts, the workers reckon there are more hard times ahead. And in Delhi, arguably the world's noisiest city, we visit the car horn bazaar to find the loudest hooter of them all.

SAT 12:00 Money Box (b03sr0wt)

Insurance set-up fees; tax penalties; flight compensation; council tax

When you take out insurance you get a cooling off period in which you can cancel without penalty. But some firms are charging set up fees. How much is a fair charge for their services? And how prominent should warnings be to potential policy holders?

It's estimated that more than a million people will have missed

the deadline for filing their tax return. So what happens now? For some, the deadline has been extended until midnight February 14th. Or if you registered recently, you should get a letter from HMRC giving you three months from that date to file. If you continue not to file after the deadline there are further penalties. And if you owe any tax, it had to be paid by midnight Friday or interest will be charged. Money Box runs through the options.

If your plane is delayed more than three hours taking off from a UK airport or an EU based airline landing at a UK airport then you may be entitled to compensation. But you may not - depending on whether your airline claims the delays were due to unforeseen circumstances. The body charged with enforcing the law - the Civil Aviation Authority - is still getting to grips with a big backlog of cases. So what happens now if airlines still refuse to pay out?

More than a quarter of a million low income households will face big rises in the council tax they pay in 2014/15. Research by the New Policy Institute has found that one in four councils in England is planning to make these residents pay a bigger contribution to their council tax. The average rise will be **£1.50** a week.

SAT 12:30 The Now Show (b03sb3xd)

Series 42

Episode 4

Steve Punt and Hugh Dennis are joined by Andy Zaltzman and special guest Glenn Tilbrook for a comic romp through the week's news. With Mitch Benn, Jon Holmes and Laura Shavin.

Written by the cast, with additional material from Jane Lamacraft and Sarah Morgan. Produced by Colin Anderson.

SAT 12:57 Weather (b03sb610)

The latest weather forecast.

SAT 13:00 News (b03sb612)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b03sb5y6)

Diane Abbott MP, Eric Pickles MP, Simon Heffer, Baroness Jenny Jones

Jonathan Dimbleby presents political debate and discussion from Purfleet in Essex with the Secretary of State for Communities and Local Government Eric Pickles MP, Labour backbencher Diane Abbott MP, author and columnist Simon Heffer and the new Green party peer Baroness Jenny Jones.

SAT 14:00 Any Answers? (b03sr0ww)

Flooding, Climate Change, Immigration

Flood prevention, whether Prince Charles was right to describe climate change sceptics as 'headless chickens', and the Immigration Bill.

Julian Worricker hears your reaction to the subjects discussed in Any Questions? by the Secretary of State for Communities and Local Government Eric Pickles MP, Labour backbencher Diane Abbott MP, author and columnist Simon Heffer and the new Green party peer Baroness Jenny Jones.

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

Presenter: Julian Worricker.

Producer: Angie Nehring.

SAT 14:30 Mark McShane - Seance On A Wet Afternoon (b03sr0wy)

Myra Savage conducts seances for a dwindling number of clients. If only there were some way of persuading the wider public of her paranormal abilities - then she'd enjoy the fame and wealth she deserves. She and her husband Bill plan a publicity stunt. They will kidnap the daughter of a prominent businessman. At the critical moment Myra will tap into her psychic powers, contact the distressed parents and provide the police with the vital clues they need to find the girl. What could go wrong?

Mark McShane's novel was made into a 1964 film directed by Bryan Forbes. This new version for radio is dramatised by Adrian Bean.

Myra.....Caroline Strong
Bill.....Robert Glenister
D.S. Payne.....Carl Prekopp

Clayton.....Nick Underwood
 RitaJasmine Hyde
 Adriana.....Lizzy Watts
 Supt. Watts.....Gerard McDermott
 Mrs Wintry.....Jane Whittenshaw
 Other parts are played by the cast.
 Producer/director: Bruce Young

SAT 15:30 Mad About the Boy (b03s6zmb)

Hysterical girls have been pathologised for centuries but, in the last two or three generations, they've also helped define pop culture, further feminism and shape society.

Jude Rogers and Ruth Barnes - both music journalists and pop fans - look at the empowering flipside of pop fandom and how new, tribal rites of passage in teen pop culture have offered women an interesting new mode of expression.

Taking listeners on a journey from the Beatlemania to the Directioners, they reveal the real power of female music fans. It's a power that helped form the fan clubs that fed the music industry, created a safe space for pubescent females to escape traditional gender roles and go wild, once terrified the authorities and silenced the world's biggest boy bands, and, today, drives social networks.

Featuring contributions from Beatlemania Lillian Adams; David Cassidy-fanatic - and writer - Allison Pearson; the woman behind one of One Direction's biggest hits, Fiona Bevan and ex-East 17 songwriter Tony Mortimer.

Produced by Eleanor McDowall A Falling Tree Production for BBC Radio 4.

SAT 16:00 Woman's Hour (b03sr0x0)

Weekend Woman's Hour: Germaine Greer: Anxiety; June Spencer

Germaine Greer on her passion for restoring a small patch of rainforest in south-east Queensland, Australia. Dealing with anxiety: we hear from 27 year old Claire Eastham who has suffered from anxiety from the age of 15 and from David Clark, Professor of Experimental Psychology at Oxford University, the National Clinical Advisor for Improving Access to Psychological Therapies.

Three editors of women's magazines discuss how they balance their responsibilities to their readers with producing something they want to read - Lisa Smosarski of Stylist, Trish Halpin of Marie Claire and Lebbey Eyles of New!

Sophie Hannah on a new poetry collection 'The Poetry of Sex' which she edited. June Spencer talks about playing the longest running character on The Archers - Peggy Woolley.

Two women who lost their jobs during the recession talk about the impact. Anne Hollifield is a former council worker from Middlesbrough, and Melanie Bryan OBE set up her company WhyNotChange in April 2009.

Being A Man - Tim Samuels from Five Live's Men's Hour, theatre director, writer and filmmaker Topher Campbell and Jude Kelly from the Southbank Centre discuss.

The BBC's Caroline Wyatt and Lindsey Hilsum from Channel 4 News discuss reporting in war zones.

Presented by Sheila McClellon

Produced by Catrina Lear
 Edited by Jane Thurlow.

SAT 17:00 PM (b03sr0x2)

Saturday PM

Full coverage of the day's news.

SAT 17:30 The Bottom Line (b03s9v66)

The Sharing Economy

The "sharing" economy is the topic of discussion for Evan Davis & his guests in the first of a new series of The Bottom Line. The market is built around renting out your possessions to strangers and entrepreneurs have piled in to enable us to share our homes, cars, bikes, clothes, tools and much more besides. At its heart is the idea that business works better if it collaborates, rather than competes, with other companies. How disruptive might these innovative enterprises prove to be? How much profit can they make (and is that the point anyway?).

Guests :

Even Heggernes, UK & Ireland Country Manager, Airbnb
 Ali Claburn, Founder, Liftshare
 Fiona Disegni, Founder, Rentez-Vous

Producer : Rosamund Jones.

SAT 17:54 Shipping Forecast (b03sb614)

The latest shipping forecast.

SAT 17:57 Weather (b03sb616)

The latest weather forecast.

SAT 18:00 Six O'Clock News (b03sb618)

The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b03sr0x4)

Harry Benson, James Bolam, Lesley Manville, Lou Stein, Aoife O'Donovan, Hot Feet

Clive talks to multi award-winning theatre, film and television actor Lesley Manville, who stars in the Almeida Theatre's acclaimed production of Ibsen's 'Ghosts'.

Photographer Harry Benson talks to Clive about his exhibition 'Harry Benson: 50 Years Behind the Lens', which documents the history of our age and celebrates the man who produced some of the most memorable images in the canon.

Arthur Smith talks to Likely Lad James Bolam about delighting a younger audience as Grandpa in CBeebies programme 'Grandpa in My Pocket'.

Clive talks to theatre director and writer Lou Stein, who has adapted, re-envisioned and directed his old friend Dr Hunter S Thompson's 'Fear and Loathing in Las Vegas: A Savage Journey to the Heart of the American Dream'.

With music from Hot Feet, who perform 'Sedation' from their forthcoming EP and from Aoife O'Donovan, who performs 'Red & White & Gold & Blue' from her album Fossils.

Produced by Sukey Firth.

SAT 19:00 From Fact to Fiction (b03sr0x6)

Series 15

Morning

Fast turn-around drama by dramatist and author, Steve Waters. This award-winning series sees writers create a fictional response to a major story from the week's news.

Morning

As Geneva hosts the Syrian peace talks, Steve Waters's play is set in an hotel in a beautiful lakeside city, where breakfast becomes a series of delicate negotiations for a young delegate who is running late.

Produced by Gemma Jenkins.

SAT 19:15 Saturday Review (b03sr0x8)

Paxman on WWI, Martin Creed and Beckett

The BBC series commemorating the centenary of the outbreak of World War 1 is presented by Jeremy Paxman. What fresh light or perspective does it shine upon our understanding of The War To End Wars?

Juliet Stevenson is performing Samuel Beckett's Happy Days - buried up to her neck in a mound of earth - at London's Young Vic Theatre. What is fuelling London theatre's current revival of Beckett productions?

Canadian author Dan Vyleta has just published his third novel set in immediately postwar Vienna. The previous two - Pavel and I and The Quiet Twin - have received much critical and popular acclaim, will this be another winner?

Out of The Furnace stars Christian Bale, Woody Harrelson, Willem Dafoe, Casey Affleck and Sam Shepherd in a grim tale of rustbelt America, falling into violence with little hope of escape. It's directed by Scott Cooper - whose previous film was an Oscar winner - and an American critic has called it one of the best movies he's seen this year, will our critics concur?

The exhibition of Turner Prize winning artist Martin Creed's work at The Hayward Gallery is the first major retrospective of his work. Do our reviewers think the lights turning on and off and the stacked boxes will baffle, delight or intrigue the visiting public?

SAT 20:00 Archive on 4 (b03lknbr)

The Haunted Apparatus

When the phone was invented, people were astonished by the new technology. Proust described it as a 'supernatural

instrument before whose miracles we used to stand amazed'. Thirty years after the invention of the mobile phone, Ian McMillan (in collaboration with sound artist Scanner) makes strange what we very quickly came to take for granted - the ability to send a disembodied voice down a line. Through a reverie on time and place Ian and guests, including Jackie Kay, Charlie Higson, Chuck Palahniuk, and David Toop will explore why hanging on to the 'uncanny' nature of phone calls, could help us understand what's happening to us - as we become deluged with new ways to communicate.

Producer: Faith Lawrence
 Sound Design: Scanner
 Studio Manager: Paul Cargill
 Archive research: Christopher Wilson.

SAT 21:00 Saturday Drama (b01qcttx)

Don Webb - Boots on the Ground

Danny Marks arrives at a Military Research centre. He's a volunteer for speed reaction testing; trying to improve reaction times under duress. His mate Billy Rogers was on the same course, but he's gone missing. Has he just done a bunk? Or is it something more sinister. A dark, contemporary thriller by veteran TV writer.

Don Webb is a hugely experienced TV and radio writer with credits stretching back to the early eighties. He has written for 'The Bill', 'Juliet Bravo', 'Rockcliffe's Babies' and 'Byker Grove'. His recent R4 plays include 'Right Place, Wrong Time' and 'A Bobby's Job'.

SAT 22:00 News and Weather (b03sb61b)

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

SAT 22:15 Bringing Up Britain (b03s76dp)

Series 7

Is work working for our kids?

From April 2015, working parents will be able to share leave after the birth of a child. Mariella Frostrup debates whether this will change attitudes towards stay-at-home dads and mums who choose to go back to work.

Announcing the new policy, Deputy Prime Minister Nick Clegg has stated that 'women deserve the right to pursue their goals and not feel they have to choose between having a successful career or having a baby.'

Mariella examines whether the idea of shared parental leave is the best way to give working mothers a more fulfilling career, and whether fathers will be prepared to spend more time at home with a new baby.

Few parenting dilemmas spark more debate than how to balance work and play. Mariella and her guests discuss the tricky juggling act and financial costs of childcare and examine current research into the impact of working parents on children.

Joining Mariella to debate the issues are Sarah Jackson, chief executive of Working Families, Laura Perrins, from Mothers At Home Matter, Sally Goddard Blythe, director of the Institute for Neuro-Physiological Psychology, Gideon Burrows, author of Men Can Do It, Dr Denise Hawkes, from the Institute of Education and Anji Hunter from Edelman, where she works to get equal numbers of women and men in British boardrooms.

Producer: Sarah Bowen.

SAT 23:00 Brain of Britain (b03s6mm1)

(8/17)

What traditional size of paper gets its name because it is produced by folding a standard sheet eight times? And John Lennon's childhood home in Liverpool was named after which range of hills?

Russell Davies asks these and many other questions in the latest heat of the prestigious general knowledge quiz, now in its 61st season. The four contestants taking part today are competing for a semi-final place which will take them a step nearer to the coveted title of Brain of Britain 2014.

They come from Brighton, St Austell, Hedgerley Green in Buckinghamshire, and Kingswood in Surrey.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b03s6jv1)

Bernard O'Donoghue, Helen Mort and Paul Farley reading their own work

Roger McGough presents listeners' poetry requests. With Bernard O'Donoghue, Helen Mort and Paul Farley reading their own work.

Bernard O'Donoghue's poems include his translation of some of Piers Plowman as well as moving and beautifully observed poems about personal relationships. There's the pain of missed opportunity in poems like *Ter Conatus*, about a brother and sister who have lived together all their lives. Bernard also has a poem that was written in dedication to a Poetry Please listener, Morag Morris.

Rising poetry star Helen Mort makes her debut with a lovely poem in honour of a music hall comic from Sheffield called *Stainless Stephen*, and she reads others from her collection *Division Street*.

Paul Farley also reads his work, including an atmospheric poem about listening in the dark.

Producer: Sarah Langan.

SUNDAY 02 FEBRUARY 2014

SUN 00:00 Midnight News (b03sbknl)

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

SUN 00:30 Jennifer Egan - Emerald City and Other Stories (b01dq53v)

One Piece

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

In today's story, 'One Piece', a young girl takes drastic action to put the broken pieces of her brother's life back together again.

The Abridger is Miranda Davies
The Producer is Justine Willett
Reader: Teresa Gallagher.

SUN 00:48 Shipping Forecast (b03sbknn)

The latest shipping forecast.

SUN 01:00 Selection of BBC World Service Programmes (b03sbknq)

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

SUN 05:20 Shipping Forecast (b03sbkns)

The latest shipping forecast.

SUN 05:30 News Briefing (b03sbknv)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b03sr5qs)

St John the Baptist, Mathon, Herefordshire

The bells of St. John the Baptist Church, Mathon, Herefordshire.

SUN 05:45 Four Thought (b03s76dr)

Series 4

Matthew Engel

Matthew Engel makes a secular case for reclaiming the peace and quiet of the Sabbath, arguing that a proper day of rest will make us healthier, happier and more productive.

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

Presenter: David Baddiel
Producer: Sheila Cook.

SUN 06:00 News Headlines (b03sbknx)

The latest national and international news.

SUN 06:05 Something Understood (b03sr5qv)

The Call of the City

Are cities paved with gold or sinks of iniquity? Mark Tully examines the call of the city and contrasts its potential for energy, creativity and community with its traditional reputation for harshness and venality.

Progressively, city populations are swelling as rural communities dwindle. What is the draw of the big city, how does it affect the way we live and think?

Perhaps there is sometimes a knee jerk reaction that the city is a harsh, destructive, soulless place. But what about the energy of the city, the sense of purpose that it gives, the opportunities, the vibrant sense of community, the colour, the variety, the excitement?

This celebration of the urban ranges in scope from William Blake to Suzanne Vega and from New Orleans jazz to William Wordsworth and an interview with historian and urbanist Leo Hollis.

The readers are Robert Glenister and Julie Covington.

Producer: Frank Stirling
A Unique production for BBC Radio 4

SUN 06:35 Living World (b03sr5qx)

Grey Seals of Blakeney

A small group of female grey seals first chose the naturally managed sand spit Blakeney Point, on the North Norfolk coast as spot to haul out and give birth to their pups back in 2001. That year twenty-five pups were born and since then the new colony has grown year on year.

Now every year, as autumn turns to winter, a whole soap opera plays out on the beach. Throughout November and December, white furred pups are born, weaned, and abandoned within three weeks. Males fight; establishing loose territories among the females to secure the best chance to sire next year's pups. Females raise their pups while the males slug it out and as soon as their pups are big and fat enough to go it alone their mothers mate and head back into the sea.

Twelve years after the first pups were born at Blakeney the colony is thriving. By the end of December 2013, over fourteen hundred pups had been born with more on the way. Although delighted with the success of the new residents this burgeoning population has led to major challenges for the landowner, the National Trust to keep both the grey seals and the curious public safe from one another.

To add to the challenge early December saw the biggest tidal surge in 60 years hit the north Norfolk, inundating many of the nature reserves along the coastline, including Blakeney.

Presenter, Trai Anfield goes to Norfolk to see how well the Blakeney grey seals weathered the surge and to witness the drama.

Produced by Ellie Sans.

SUN 06:57 Weather (b03sbknz)

The latest weather forecast.

SUN 07:00 News and Papers (b03sbkp1)

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

SUN 07:10 Sunday (b03sr5qz)

Religion and immigration

In a special edition of Sunday one month on since EU restrictions on Romanians and Bulgarians were lifted, Edward is joined by Rev Rose Hudson-Wilkin, Dame Julia Neuberger and Douglas Murray to examine the relationship between religion and immigration in the UK.

However, some Romanians have been here rather longer. Edward travels to Luton to meet Rev Martin Burrell, chaplain to the Gypsies, Travellers and Roma people of St Albans, to find out how the Romanian Roma community and the Church of England have been working together.

Former coalition minister Sarah Teather joins Edward to discuss why a month long Jesuit retreat helped her reach the decision to step down at the next election and how religion can inject humanity into the debate on immigration.

Almost 18 months after the government action plan to stop child abuse in the name of faith or belief we hear from people within the African church community who say not enough is being done to prevent future cases of witchcraft related child abuse. Trevor Barnes investigates what happens when religion and immigration go wrong.

Every year thousands of immigrants travel to the UK to start a new life. Kevin Bocquet meets the chaplains of Manchester airport who minister to people from all over the world.

Producer: Annabel Deas and Jill Collins
Series Producer: Amanda Hancox

Contributors:

Rev Rose Hudson-Wilkin
Dame Julia Neuberger
Douglas Murray
Sarah Teather
Rev Martin Burrell.

SUN 07:55 Radio 4 Appeal (b03sr5r1)
International Development Enterprises UK

Andrew Marr presents the Radio 4 Appeal for International Development Enterprises UK.
Reg Charity: 1087417

To Give:
- Freephone 0800 404 8144
- Freepost BBC Radio 4 Appeal, mark the back of the envelope 'I D E UK'.

SUN 07:57 Weather (b03sbkp3)

The latest weather forecast.

SUN 08:00 News and Papers (b03sbkp5)

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

SUN 08:10 Sunday Worship (b03sr5r3)

Mass for the Feast of the Presentation of the Lord live from Leeds Cathedral, celebrated by the Dean, Monsignor Philip Moger, and sung to the music of Arvo Part with a homily by Father Matthew Habron. Director of Music: Benjamin Saunders. Producer: Stephen Shipley.

SUN 08:48 A Point of View (b03sb5y8)

Why Sportsmanship Matters

Adam Gopnik reflects on the value of sportsmanship ahead of the American Super Bowl following controversy over a player's supposedly unsporting comments. "Sportsmanship is this day's triumph's salute to time...We will not always be the winner."
Producer: Sheila Cook.

SUN 08:58 Tweet of the Day (b03mz7x)

Shoveler

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

Chris Packham presents the story of the shoveler. Swimming in circles, their huge beaks trawling the surface, shovelers do the job of baleen whales on our lakes and ponds. In winter our shoveler population is boosted by Continental birds. They're rather shy though and you're not likely to see them taking bread on the park lake!

SUN 09:00 Broadcasting House (b03sr7dt)

We'll report live from the banks of the River Severn as the bore makes its way up upstream. We're in Somerset where residents have been living with floods for a month. Hugh Sykes looks at French and German poetry from World War I. Reviewing the Sunday papers: Broadcaster and political blogger Iain Dale, novelist Val McDermid and historian Kate Williams.

SUN 10:00 The Archers Omnibus (b03sr7dw)

For detailed synopses, see daily episodes.

SUN 11:15 Desert Island Discs (b03sr7dy)

Bob Harris

Kirsty Young's castaway this week is the broadcaster, Bob Harris.

Known affectionately as Whispering Bob, he's rarely been off our air waves in the past 44 years.

His big break came standing in for John Peel and he was so good that not long after he was given his own show on Radio 1. Throughout the seventies he also hosted the true music-fans' must see show, *The Old Grey Whistle Test*. His beard and tank top were almost as legendary as some of the guests - The Rolling Stones, Led Zeppelin and John Lennon were among the line up. However with the arrival of punk things got personal.

The closest his family ever got to showbiz was when his dad, a policeman, clambered on stage to arrest the singer PJ Proby when his trousers split. Young Bob did follow his dad into the force but music and above all else radio were his obsession.

Much like his recording heroes, his own life has something of the rock n' roll vibe - three wives, eight children, a spell of bankruptcy and coping with prostate cancer. Yet through it all

his skill, knowledge and love of broadcasting has always endured.

He says, "I'm a music anorak, a fan who got lucky ... from the moment I bought my first record aged 11, I couldn't wait to share music with others."

Producer: Cathy Drysdale.

SUN 12:00 The Unbelievable Truth (b03s6pjn)
Series 12

Episode 5

David Mitchell hosts the panel game in which four comedians are encouraged to tell lies and compete against one another to see how many items of truth they're able to smuggle past their opponents. Marcus Brigstocke, Holly Walsh, John Finnemore and Rufus Hound are the panellists obliged to talk with deliberate inaccuracy on subjects as varied as board games, salt, guinea pigs and actors.

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

Producer: Jon Naismith
A Random Entertainment production for BBC Radio 4.

SUN 12:32 The Food Programme (b03sr7f9)
Britain and the Ready Meal

Ready meals divide Britain, some love them, others think they're a problem for our health and wellbeing and a major culprit in de-skilling us in the kitchen. In the last four decades we've helped lead the way in the ready meal's innovation and its consumption. We're now Europe's biggest consumers of the "prepared meal".

All of this came into sharp focus with the horsemeat scandal. A 100pc horsemeat lasagne came to symbolise the problems and anxieties of allowing others to cook our meals for us. As a result some frozen ready meals were consigned to the history books, never to be seen in a frozen cabinet again, and manufacturers reported a big drop in sales.

That's not the full picture however. In 2014 we're seeing the continued rise and rise of the premium chilled ready meal, the "posh" answer to the Italian, Indian and Asian frozen options. What does this trend tell us about our ongoing, and sometimes guilt-filled, romance with the ready meal? Who's buying all of these ready meals anyway?

Sheila Dillon visits high-end ready meals manufacturer Charlie Bigham whose business is growing in double digit figures. Sheila also hears from a sociologist (Miriam Glucksmann) about our relationship with the ready meal. Meanwhile Arabella Weir puts the ready meal in the context of more of us having to feed our families on a tight budget.

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

SUN 12:57 Weather (b03sbkp7)
The latest weather forecast.

SUN 13:00 The World This Weekend (b03sr7gf)

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

SUN 13:30 Walking with the Dead (b03srddc)

James Joyce's revolutionary short story collection, *Dubliners*, was first published in 1914. To mark the centenary of its publication, author Colm Tóibín explores some of the Dublin locations haunted by Joyce's characters in those stories and talks to contemporary writers Anne Enright and John Banville about the influence of *Dubliners* on their own work.

These 15 stories were written when Ireland was ablaze with converging and contradictory ideas about identity, history and culture. And the book itself had a protracted and anguished publication history. Between 1905, when Joyce first sent a manuscript to a publisher, and June 1914, when the book was finally published, Joyce's manuscript was rejected 18 times, because of its sexual content and references to real people.

Colm is a passionate guide to Joyce's stories and in his company, we visit many of the buildings and locations featured in the stories, such as Mulligans pub, St Francis Xavier church and 15 Ushers Island - the house that features in the last story, 'The Dead'. He talks to writers, academics and *Dubliners* themselves about the continuing power and resonance of these stories.

Contributors include Terence Brown, Anne Fogarty, Jonathan Creasy, Brendan Kilty and Caroline Elbay.

Extracts from the stories are read by Stephen Rea.

The songs from *Dubliners* are performed by Noel O'Grady, Kevin McDermott & Ralph Richey, Marie Shannon and Susan Kilty.

SUN 14:00 Gardeners' Question Time (b03sb3x2)
Buxton

Eric Robson presents GQT from The Pavilion Gardens in Buxton. Bob Flowerdew, Bunny Guinness and Anne Swithinbank take questions from local gardeners.

Anne Swithinbank takes a tour of the Pavilion Gardens botanical conservatory to explore a collection of plants from all over the world. James Wong visits Bob's Winter Garden for the second in a special series of topical tips.

Produced by Howard Shannon.
Assistant Producer: Darby Dorras.
A Somethin' Else production for BBC Radio 4

This week's questions:

Q. I have recently added a half allotment to our existing hilltop site, which has come with some established soft fruit. Can the panel suggest some additional soft fruit to add to the traditional strawberries, raspberries, gooseberries, redcurrants and blackcurrants?

A. If you have established strawberries, raspberries and blackcurrants you could take them all out and add new stock. They rarely last for more than three or four years. However, redcurrants and white currants are worth preserving. A suggestion would be Aronia, which has a sour taste alone but makes a wonderful jam when mixed with apple puree and sugar. The Rokula Gooseberry is another option. Blueberries would also grow well in an acidic soil. Loganberries grow well in drier soil. Boysenberries would be recommended for a clay soil.

Q. I bought a Winter Sweet to brighten up the winter months but it has not flowered in the ten years I have had it. What can I do to encourage it to perform?

A. Winter Sweet is a slow starter and can take ten years or more to perform. They only flower on the younger growth. Consider cutting it right back.

Q. Could the panel suggest some scented, colourful, trailing plants for my hanging baskets? They are positioned in a north-facing porch, often exposed to vicious winds?

A. Try trailing Pelargoniums, such as the Tomentosum with its scented foliage. Trailing Nasturtium is scented and good if you are on a budget. Sweet peas are also a good option. Jasmine could hang and would be extremely scented.

Q. Due to a warm winter my perennials are starting to put out new shoots and leaves. I am concerned that they will be burnt by the frost and that there will be less growth and fewer flowers in the summer?

A. You could try straw or dry leaves around the shoots to protect them from the frost, but perennials are often tough enough to grow back.

Q. To mark the anniversary of World War One, we plan to create a bed of vegetables that would have been grown in 1914. Could the panel recommend simple, easy to grow, everyday vegetables for a garden at 1000ft?

A. The Carlin Pea and other tall pea varieties. Visit the Heritage Seed Library for more inspiration.

Q. How do I get rid of Speedwell on my allotment?

A. Be vigilant, pull it out before they are able to flower. Speedwell does not like lime, so add lime to your vegetable beds and it will discourage the weed.

SUN 14:45 Witness (b03sr7jh)
The Killing of Dian Fossey

In 1985 the celebrated American gorilla expert was murdered in her cabin at the research station she had set up in the mountains of Rwanda. Hear from Kelly Stewart who worked alongside Fossey for 10 years in the Volcanoes National Park.

Photo of Dian Fossey courtesy of Kelly Stewart.

SUN 15:00 The Barchester Chronicles (b03sg4s2)
Anthony Trollope's Barchester Towers

The New Bishop

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

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

Music composed by David Tobin, Jeff Meegan and Julian Gallant

Directed by Marion Nancarrow

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

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

SUN 16:00 Bookclub (b03srddf)
Khaled Hosseini - The Kite Runner

With James Naughtie.

Khaled Hosseini talks about his global bestselling novel, *The Kite Runner* with a group of invited readers.

The book describes how the happiness of an afternoon's kite flying competition in late-1970s Kabul is broken when young Amir fails to help his best friend Hassan avoid a terrible incident. The effects on the duo's friendship are devastating. Over 20 years later, Amir returns to Afghanistan from America, determined to redeem himself.

Khaled Hosseini explains the unequal relationship between the two boys that lies at the heart of the novel, and how the reader has a sense of dread and impending catastrophe as the story develops. He says that although the West has a view of Afghanistan as a violent culture, he remembers that for most of the twentieth century, Afghanistan was a peaceful place, and that the West has exoticised Afghans as being 'warrior' like.

March's Bookclub choice : *Disobedience* (2006) by Naomi Alderman

Producer : Dymphna Flynn.

SUN 16:30 Poetry Please (b03srddh)
Dreams and Sleep

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

Producer: Mark Smalley.

SUN 17:00 File on 4 (b03s7428)
Food Fraud

A year after the horsemeat scandal there are calls for a new police force to fight food fraud amid concerns that organised crime is increasingly targeting the sector because there are huge profits to be made at the expense of the consumer. Prof Chris Elliott, who was commissioned by the government to investigate the UK's most serious food scandal in recent years, says criminals are committing more food fraud because there's little risk of detection or serious penalties if they're caught. Gerry Northam investigates the extent of food fraud across the UK and reports from Brussels on whether the EU has learned enough lessons from last year's scandal.
Producer: Carl Johnston.

SUN 17:40 From Fact to Fiction (b03sr0x6)
[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b03sbkp9)
The latest shipping forecast.

SUN 17:57 Weather (b03sbkpc)
The latest weather forecast.

SUN 18:00 Six O'Clock News (b03sbkpf)
The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b03srddk)
On Pick of the Week this week Bob Harris finally makes it onto Desert Island Discs, there's red hot pre-war Jazz; guidance on the etiquette of toilet roll; Pete Seeger is corrected on his Welsh pronunciation, and how the Russian mafia will guarantee the success of the winter Olympics.
Join Andy Kershaw, at a quarter past six on Sunday evening.

Celtic Heartbeats - Radio Wales
Archive on 4: The Haunted Apparatus - Radio 4 (01/02/2014)
From Our Own Correspondent - World Service (31/01/2014)
The Road To Sochi - Radio 4 (31/01/2014)
Thinking Allowed - Radio 4 (29/01/2014)
The Essay: England Ejects - Radio 3 (29/01/2014)
Desert Island Discs - Radio 4 (02/02/2014)
Geoffrey Smith's Jazz - Radio 3 (02/02/2014)
The Long View - Radio 4 (28/01/2014)
Sunday Feature: Shanghai - World City Redux - Radio 3 (26/01/2014)
Book of the Week: White Beech - The Rainforest Years - Radio 4 (27-31/01/2014).

SUN 19:00 The Archers (b03srddm)
Pat wishes Helen had asked, before inviting Rob for tea. Helen wishes Pat and Tony could be more like Peggy, who acknowledged that everyone deserves a second chance.

Kirsty wonders what Roy has planned for Tom's stag do. Tom's immediate concern is the wedding marquee. With the guest list growing rapidly it'll need to be massive, and the paddock isn't that big. Tom suggests Cathridge Hall might be a more suitable venue. Kirsty knows it'll be expensive and besides, they've told his parents about the marquee. Tom sees no harm in looking. Tom also wants to show Kirsty where he intends their house to be. Kirsty points out that a house on Bridge Farm was the plan for him and Brenda, and doesn't even want to see the plot.

Tony's unimpressed by Rob's admiration for Peggy and, when Rob mentions the house she's leaving to Helen, it's all too much. Tony storms out of the room.

As Rob leaves, Pat's furious with Tony; she's never been so embarrassed. Helen's even more furious. There's a room for Henry at Blossom Hill Cottage, so they'll be moving there as soon as possible. She'd rather Henry lived in a happy, loving environment than stuck at Bridge Farm.

SUN 19:15 Warhorses of Letters (b03srddp)
Series 3
Episode 4

The last in the series of the epistolary equine love story starring Stephen Fry as Napoleon's horse Marengo and Daniel Rigby as the Duke of Wellington's mount Copenhagen, with an introduction by Tamsin Greig.

Old age has come to our horses, and Marengo is sick. Copenhagen is determined that he and his true love will be truly together just once before Marengo quits this earthly life for a new paddock in the sky.

In perhaps the most moving exchange of letters ever sent by one horse to another the final act of this tragic love story unfolds.

Written by Robbie Hudson and Marie Phillips
Produced by Gareth Edwards.

First broadcast on BBC Radio 4 in 2014.

SUN 19:30 Political Animals (b03ktz1b)
Series 2

Barney and George

Barney reveals how President George W Bush broke his heart by being unfaithful with a man called Tony.

Another unreliable dog's eye view of the trials and tribulations of living in the White House.

Written by Tony Bagley.

Director: Marc Beeby.

First broadcast on BBC Radio 4 in December 2013.

SUN 19:45 Shorts (b03srddr)
Series 13

Paint Fumes

Scottish Shorts, the best writing from Scotland.
Paint Fumes by Kirstin Innes
A young footballer from an oppressive home seeks escape through Argentina's urban art scene.
Reader Simon Donaldson. Produced by Eilidh McCreadie

Kirstin Innes is a novelist and playwright based in Glasgow. Her first novel, FISHNET, was published in 2015.

SUN 20:00 More or Less (b03sb3x8)
The 50p tax rate

Labour say that in the three years where the 50p rate of tax was in place, it raised almost 10 billion pounds more for the Treasury than government estimates at the time captured. When he scrapped it, George Osborne said the total was only £300million. Who's right?

Meanwhile, the Labour party has been attacking the Government on the cost of living. It says wages are now down £1600 a year after inflation under David Cameron, while Conservative ministers say that 90% of people's wages have been increasing above the rate of inflation. So who is right?

How many guests should you invite to your wedding? It's a tricky problem. And one Damjan Vukcevic tried to solve with statistics when he was planning his marriage to his partner, Joan Ko. But with how much success? Tim Harford interviews the couple.

Disability benefits: Almost a million people who applied for sickness benefit have instead been found fit for work, the Department for Work and Pensions has announced. We put the numbers into context.

Cost of raising a child: Does it really cost nearly a quarter of a million pounds to raise a child from birth to the age of 21? That's a claim made by life insurance providers LV in their annual report. We examine the methodology behind their numbers.

SUN 20:30 Last Word (b03sb3x6)
Pete Seeger, Kathryn Findlay, Sir Robert Scholey, Sir Run Run Shaw

Matthew Bannister on

The American folk singer and activist Pete Seeger. We've spoken to Joan Baez, Tom Paxton, his sister Peggy and Roger McGuinn of the Byrds.

Also: the architect Kathryn Findlay who worked on the Orbit Tower at the Olympic Park and created surreal space age houses in Japan.

Sir Bob Scholey who presided over the transformation of British Steel from loss making nationalised industry to profitable private company.

And Sir Run Run Shaw, the Hong Kong movie mogul whose studios produced nearly a thousand films.

Producer: Simon Tillotson.

SUN 21:00 Money Box (b03sr0wt)
[Repeat of broadcast at 12:00 on Saturday]

SUN 21:26 Radio 4 Appeal (b03sr5r1)
[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b03s6pjx)
Last Rites for the Church of England?

Andrew Brown asks if the Church of England has become fatally disconnected from society.

SUN 22:00 Westminster Hour (b03srdlb)
Weekly political discussion and analysis with MPs, experts and commentators.

SUN 22:45 What the Papers Say (b03srdlw)
George Parker of the Financial Times looks at how the newspapers are covering the biggest stories.

SUN 23:00 The Film Programme (b03s9ttv)
Director Scott Cooper; Alex Gibney; Lift to the Scaffold; British indie films abroad

Francine Stock talks to the director Scott Cooper about his film Out of the Furnace, starring Christian Bale, Casey Affleck, Forest Whitaker and Woody Harrelson. Cooper explains why his own family history is so pertinent to this story of brothers struggling to find their role as men amidst the dying steel mills of Pennsylvania, and his fascination with modern masculinity.

Plus Alex Gibney on his Lance Armstrong documentary, The Armstrong Lie and how he fell under the spell of the disgraced but charismatic cyclist. What started as a comeback story in 2009 turned into something very different as the doping scandal gathered pace.

Charlie Bloye, Chief Executive of Film Export UK, the trade body that represents around 30 independent film sales companies, makes a case for more support for getting British indie films seen abroad.

And Ginette Vincendeau of King's College London explores the magic of Jeanne Moreau in Lift to the Scaffold, the 1958 Louis Malle film which made her a full-blown star. She explains why the noirish thriller has come to be seen as a significant precursor of the French New Wave, which broke with film making conventions.

SUN 23:30 Something Understood (b03sr5qv)
[Repeat of broadcast at 06:05 today]

MONDAY 03 FEBRUARY 2014

MON 00:00 Midnight News (b03sbkqg)
The latest national and international news from BBC Radio 4. Followed by Weather.

MON 00:15 Thinking Allowed (b03sr76d5)
Prostitution in the Community; Drinking and Moderation

Prostitution in the community: The criminologist, Sarah Kingston, discusses her study of the impact of sex work on local residents and businesses. Policies restricting sex work are often based on assumptions about the alleged negative effects of commercial sex on everyday lives. This is the first comprehensive text to examine the empirical basis of this assumption. How do neighbourhoods react to the presence of prostitutes and male clients in their areas? Do stereotypes of stigma and deviance mean that residents will always wish to move this 'problem' elsewhere.

Also, the sociologist, Henry Yeomans, charts the fluid, ever changing definitions of 'moderate' alcohol consumption.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b03sr5qs)
[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b03sbkqj)
The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b03sbkql)
BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b03sbkqn)
The latest shipping forecast.

MON 05:30 News Briefing (b03sbkqq)
The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b03sv5mt)
A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

MON 05:45 Farming Today (b03srfgl)
Farm profits, Bird counting, Gigha farm tenancy

English dairy farm profits are forecast to almost double this financial year and incomes on other livestock farms are also set to increase substantially. The National Farmers Union Chief

Economist, Phil Bicknell, tells Anna Hill the DEFRA figures are good news but they need to be read in the context of a terrible preceding year.

Emma Campbell finds out why farmers are being asked to go birdwatching on their land.

And, the people of the Hebridean island of Gigha are looking for a new dairy farmer to join their community.

Presented by Charlotte Smith and produced by Sarah Swadling.

MON 05:56 Weather (b03sbkqk)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b03srfgn)

Grey Heron (Winter)

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

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

MON 06:00 Today (b03srfqg)

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

MON 09:00 Start the Week (b03srfgs)

Spying and Surveillance: The Snowden Files

Last year The Guardian ran a series of scoops about the extent of mass surveillance by the security services here and in the USA. Anne McElvoy talks to the journalist Luke Harding about the inside story on the whistle-blower Edward Snowden and what motivated him to commit one of the biggest intelligence leaks in history. The former director of GCHQ, Sir David Omand, fears the leaks have done untold damage and endangered state security. Claims that America hacked the phone of the German Chancellor Angela Merkel caused uproar in Germany, and the journalist Annette Dittert argues that the memory of the Stasi's spying machine is still raw. There has been little outcry among the British public and the philosopher Alain de Botton explores the nature of news and the 'noise' it generates.

Producer: Katy Hickman.

MON 09:45 Book of the Week (b03srg9t)

Where Memories Go: Why Dementia Changes Everything

Warning Signs

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

Scottish broadcaster Sally Magnusson reads her moving but searingly honest account of her mother Mamie Baird's long struggle with dementia. Regarded as one of the finest journalists of her generation, Mamie Baird's whole life was a celebration of words – words that she fought to retain until the very end. Married to writer and broadcaster Magnus Magnusson, the working-class Scot was known for her witty, outrageous and fun-loving stories, her love of music and of life itself. As well as chronicling the anguish, the frustrations and the unexpected laughs that Sally and her sisters experienced while caring for their mother for eight years until her death in 2012, Sally seeks understanding from scientists, doctors, philosophers and historians in the face of one of the greatest challenges of our times. This is both a call to arms, a poignant account of what makes us human, and a portrait of what it is really like to lose a loved one day by day.

In today's episode: the early but frighteningly tell-tale signs of dementia emerge on a trip to Mull.

Abridged by: Sara Davies

Produced by: Justine Willett

Reader: Sally Magnusson: Sally Magnusson is a Scottish broadcaster and writer, currently working as the presenter of Reporting Scotland for BBC Scotland. Her father is the late broadcaster and writer Magnus Magnusson.

MON 10:00 Woman's Hour (b03srg9w)

Angel Haze

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

New research from Women for Refugee Women suggests that almost twenty per cent of women they interviewed who were

seeking asylum said they had fled persecution on grounds of sexual orientation. They say that lesbian women face a number of obstacles when claiming asylum in the UK - largely around "proving" their sexuality within a systematic "culture of disbelief". We hear one woman's experience.

Anne Mc Intosh, de-selected by her constituency party last week, has become the fifth of 49 Tory women MPs voted into parliament in 2010 who won't be standing for the party next year. The week before last, Lord Rennard focused attention on the Liberal Democrats "problem with women". So what's happening?

Plus historian Claudia Renton on why the portrait of the Wyndham sisters by John Singer Sargent inspired her to find out more about the three aristocratic women with a privileged, bohemian upbringing. She tells Jane Garvey about her how she got under the skin of the sisters for her new book *Those Wild Wyndhams*.

Presented by Jane Garvey
Produced by Beverley Purcell.

MON 10:45 15 Minute Drama (b03srgrd)

Anna's War

Episode 1

Anna's War - 1/5
by Lizzie Nunnery

Based on the true and extraordinary story of Anna Politkovskaya, the Russian journalist who was murdered in 2006. The Drama series looks at five key events from her life with respect to Politkovskaya's work in Chechnya, from 1999 up to her murder in 2006. In today's episode Anna wants to help evacuate 85 old people from a war torn Chechen old people's home who have been abandoned by the authorities. But there is opposition.

Produced and Directed by Pauline Harris.

MON 11:00 Sheffield: City of Snowless Skiers (b03srgv7)

David Goldblatt discovers the unlikely tale of how our most promising skiers to reach the Sochi Olympics began in a city with no snow, on a plastic material that's "like upturned scrubbing brushes".

Next week a brand new sport debuts at the Winter Olympics. It is called freeskiing, and astonishingly, given the British record in winter sports, we are very good at it. Last season, the world number one in "slopestyle" skiing was a British 21-year-old with a half-shaved head, called James Woods. He, like a string of other skiers now making their mark internationally, grew up in a non-skiing family in Sheffield.

According to the head coach of the British Freeski team, Pat Sharples - "Every single one of my athletes comes from a working class background... and the majority of my team are from Sheffield." How did this happen?

It is all to do with a patch of land sandwiched between an enormous inner city landfill and a council estate overlooking the city centre. Built in the 1980s, Sheffield Ski Village was one of the best facilities in Europe, in its heyday. But as David discovers, it looks unlikely that this success will ever be repeated again.

Featuring: James 'Woodsy' Woods, British Slopestyle Skier; Katie and Molly Summerhayes, British Slopestyle Skiers; Pat Sharples, Head Coach Team GB Freeski; Simon Ashton, Chairman British Freeski; Cllr Peter Price, Sheffield City Council; Kevin Pullan, owner of Sheffield Ski Village; Mike Rogge, Freeski Reporter; Norman and Molly Gill, founders of Sheffield Sharks

Produced by Polly Weston.

MON 11:30 In and Out of the Kitchen (b03srgv9)

Series 3

The Awards

Damien is nominated for a 'Melvyn' for his TV show about the culinary habits of the great poets but finds it hard to think of what to write in his column for a new gentleman's magazine.

Meanwhile, Anthony busies himself preparing for an audition for an amateur production of Noel Coward's *Hay Fever*.

Written by Miles Jupp.

Damien Trench Miles Jupp
Anthony MacIlveny Justin Edwards
Mr Mullaney Brendan Dempsey
Steven Ade Oyefeso

Ray Jarrow Chris Brand
Michel Houllewitz Toby Longworth
Janet Trench Selina Cadell
Ian Frobisher Philip Fox

Producer: Sam Michell

First broadcast on BBC Radio 4 in February 2014.

MON 12:00 You and Yours (b03srh3p)

Design a high street; Superfast broadband; Car-sharing clubs; Tube refunds; Drive-in cinemas

We investigate claims that public money is being wasted on superfast broadband for villages that would have got it anyway from commercial firms.

With rumours of new garden cities planned for southern England we look at how to design a modern high street from scratch

And the fed up commuter getting automatic refunds for fellow passengers.

Presenter: Winifred Robinson

Producer: Jon Douglas.

MON 12:57 Weather (b03sbkqv)

The latest weather forecast.

MON 13:00 World at One (b03sbkqx)

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

MON 13:45 A Brief History of Mathematics (b00sr3fm)

Newton and Leibniz

Marcus du Sautoy argues that mathematics is the driving force behind modern science: Newton, Leibniz and calculus.

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

Today, the story of two late 17th century mathematicians who worked on the same problem at the same time - the calculus - in which the great hero of British science, Newton, reveals himself to be a little less gentlemanly than his German rival, Leibniz. The calculus is one of the greatest achievements of mankind: an astronaut and an investment analyst pay homage to its enormous power.

Producer: Anna Buckley

MON 14:00 The Archers (b03srdm)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Tony Teardrop (b03srj5)

Episode 2

Tony Teardrop
by Esther Wilson

Gritty and sometimes humorous drama inspired by true stories taken from the homeless people of Manchester. The care of children is at the heart of this second drama about homeless couple Roz and Tony, who have been out of town but now they're back. Roz is a Methadone addict with four adult children. Her eldest daughter Carly has fallen out with Roz, and after having been made redundant is facing her worst fear: being homeless with her own young children. Tony Teardrop, is a father of two boys who are living with foster carers. He's hopeful of starting contact with them again. This is a sequel to the Friday Drama (Friday 31st January slot at 21.00).

Produced and directed by Pauline Harris.

MON 15:00 Brain of Britain (b03srh2)

(9/17)

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

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

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

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b03sr7f9)
[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 With Great Pleasure (b03srhz4)
Alexander McCall Smith

The popular writer of the Number One Ladies Detective Agency and 44 Scotland Street novels, Alexander McCall Smith chooses his favourite prose, poetry and music. With extracts from Jane Austen, WH Auden and Robert Burns, the pieces are read by actors Bill Paterson and Claire Corbett.

Producer: Maggie Ayre.

MON 16:30 Beyond Belief (b03srhz6)
The Ahmedi Community

Officially anyone who declares that "There is one God and Muhammed is his prophet" is a Muslim. But many Muslims argue that the beliefs of the Ahmedi community mean they cannot be part of the faith. There are about 12 million Ahmedi worldwide and their headquarters, originally in Pakistan, are now in London. Their founder, Mirza Ghulam Ahmad, claimed to be a prophet, although a lesser one than Mohammed, and it is this claim that critics say put his followers outside the fold of Islam.

Joining Ernie to discuss the Ahmedi are Imam Ataul Rashed from the Ahmedi London Mosque, Dr Sahib Bleher founder of the Islamic Party of Britain, and Dr Simon Valentine, author of "Islam and the Ahmaddiya Jama'at".

MON 17:00 PM (b03srzh8)

Tim Yeo on being deselected by his local Conservative Association. We debate Michael Gove's methods for changing England's education. Plus scary radio.

MON 18:00 Six O'Clock News (b03sbkqz)
The latest national and international news from BBC Radio 4.

MON 18:30 The Unbelievable Truth (b03srj01)
Series 12

Episode 6

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

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

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

Producer: Jon Naismith
A Random Entertainment production for BBC Radio 4.

MON 19:00 The Archers (b03srj0c)

Jennifer calls round to see how Tony and Pat are, having heard they were upset about Peggy's will. She also apologises for telling Peggy about Helen and Rob. Pat insists that's not a problem, and spits out that Helen is moving in with Rob. Pat's relieved to excuse herself when Clarrie arrives.

Helen tells Kirsty about the fall-out with her parents, and tells her she'll be moving in with Rob just as soon as Henry's bedroom is ready.

Pat tells Clarrie about last night's debacle. She's upset that Helen and Henry are moving out, but more upset that Henry idolises Rob. Pat's worried Rob will let them down. They discuss Susan's lottery jackpot, and Pat wonders if Susan will quit her job and move away. Clarrie's appalled at the thought of Susan moving.

Clarrie tells Eddie her concerns that Hazel Woolley might evict them from Keepers Cottage, and that Susan might move away. Eddie doesn't think the Carters will sell up, no matter how much they've won. George arrives to see Bartleby, and tells them he and his dad have decided it's best if Holly stays at Will's, even though he'll miss her. Clarrie's concerned for George, and

wonders what William is up to. Edward isn't going to like it.

MON 19:15 Front Row (b03srj0y)
Angela Lansbury, Richard Deacon, Philip Seymour Hoffman

Mark Lawson talks to Dame Angela Lansbury, who returns to the West End stage after 40 years to play Madame Arcati in Noel Coward's *Blithe Spirit*. She discusses her mother, an actress, her wish to return to *Murder She Wrote*, and her ambivalence about Hollywood.

Philip Seymour Hoffman's death was announced yesterday. Anton Corbijn - who directed him recently in *A Most Wanted Man* - pays tribute to the actor, whose films include *The Master*, *Doubt*, *Happiness* and *Capote*, for which he won an Oscar.

Mark talks to the Turner Prize-winning artist Richard Deacon, whose exhibition of sculptures and drawings is about to open at Tate Britain. For more than four decades he has used materials ranging from laminated wood and polycarbonate to leather, cloth and ceramic.

MON 19:45 15 Minute Drama (b03srgrd)
[Repeat of broadcast at 10:45 today]

MON 20:00 It's My Story (b03srj32)
Let Me In

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

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

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

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

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

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

Produced and narrated by Steve Urquhart
A Prison Radio Association production for BBC Radio 4.

MON 20:30 Analysis (b03srj6m)
The Philosophy of Russell Brand

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

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

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

Producer: Lucy Proctor.

MON 21:00 Shared Planet (b03s6zm8)
Ocean Governance

The earth is mostly covered by seawater, yet most of the world's oceans are ungoverned - they are the largest of commons in the world. In today's *Shared Planet* we ask who is responsible for the life in the ocean? Featuring a field report from Scotland, Monty Don explores the problems faced by life trying to compete with us for resources in an area with little or no regulation. The Isle of May is home to a quarter of a million seabirds in the breeding season, yet come the winter months most disperse out to the open sea to spend weeks at the mercy

of storms and cold weather. The birds need a rich food supply to survive, yet the fish stocks and all other life in the sea is at the mercy of humanity. Suffering from what is known as "The Tragedy of the Commons", no one owns the oceans and therefore no one has responsibility for them, they are open to exploitation from many nations. Can the seabirds, whales, dolphins, turtles and all the other life that lives in the open ocean be protected? And if so by whom?

Producer Mary Colwell.

MON 21:30 Start the Week (b03srfgs)
[Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b03sbkr1)
The latest weather forecast.

MON 22:00 The World Tonight (b03srj86)
Michael Gove says he wants state schools to become as good as private schools; Controversial French comedian Dieudonne banned from the UK; Thailand's elections: the latest; Are PPI payments driving the economic recovery? With Ritula Shah.

MON 22:45 Book at Bedtime (b03szn35)
Dubliners

The Sisters

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

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

MON 23:00 Word of Mouth (b03s718d)
Talking Terrorism

It's a word that can start a war, incarcerate the innocent and bring a city to a standstill. Since September 11th 2001 the question of who is and who is not a 'terrorist' has taken a central role in world affairs.

In 'Word of Mouth' Michael Rosen examines the roots of the word in the French Revolution, the strangely glamorous associations it took on in the late 1960s and the current debate over its use in post-9/11 legislation.

MON 23:30 Today in Parliament (b03srjhy)

Is the Environment Secretary the right man to handle England's worsening flooding problems? Sean Curran reports on how he got on in the Commons when he faced Labour's questions on the crisis.

Also on the programme.

* Why did a Russian naval ship sail into Scottish waters?
* The former boss of the BBC apologises for the wasteful spending of money on a new technology project.
* Should the Northern Ireland Assembly be given an official Opposition?

TUESDAY 04 FEBRUARY 2014

TUE 00:00 Midnight News (b03sbks4)
The latest national and international news from BBC Radio 4. Followed by Weather.

TUE 00:30 Book of the Week (b03srg9t)
[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b03sbks6)
The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b03sbks8)
BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b03sbksb)

The latest shipping forecast.

TUE 05:30 News Briefing (b03sbksd)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b03vs5zd)

A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

TUE 05:45 Farming Today (b03srqz3)

Floods, farming and wildlife

The RSPB is asking dairy farmers in the Somerset Levels to consider switching to other less intensive methods of farming, in order to better manage the landscape in the future. It comes as some farms in the low-lying areas of the Levels face a fifth week underwater. The RSPB says that a transition from dairy to alternative farming could benefit wildlife, whilst helping to combat future flooding. However, the NFU in the South West says that dairying on the Levels is here to stay. Ian Johnson tells Anna Hill that farming is at the heart of the Levels' future, and says abandoning dairying wouldn't just be bad for farmers, but would also damage local communities.

As the latest reforms to the Common Agricultural Policy are gradually put into place, attention is now turning to how agri-environmental schemes will work in practice. In England, Defra will soon launch its plans for a new environmental land management scheme to replace the current stewardship schemes. We hear from the Wildlife Trusts about how they see the system working.

And as part of our week on farm wildlife, we take a look at how farmers in Wales are using the Glastir scheme. This agri-environment scheme allows farmers to choose the wildlife projects they undertake using a points-based system.

Presented by Anna Hill and produced by Jules Benham.

TUE 05:58 Tweet of the Day (b03srqz5)

Great Bustard

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

Chris Packham presents the great bustard. Great bustards, one of the heaviest flying birds in the world, were most common in Wiltshire and East Anglia but in the past they were hunted to extinction and the last known breeding birds in the UK were in 1832.

Today, great bustards are back on Salisbury Plain, thanks to the work of the Great Bustard Group. The Group aims to establish a self-sustaining population in the UK.

TUE 06:00 Today (b03srqz7)

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

0735

Government negotiators in Pakistan are set to meet with members of the Taliban in the hope that they can set up some realistic negotiating process. Rahimullah Yusufzai, a member of the negotiating team, assesses the prospects for success.

0745

Facebook is celebrating its tenth anniversary. Joanna Shields - a former Vice President of Facebook in Europe, the Middle East and Africa - looks at its successes and failings.

0755

Survivors of Hillsborough have said they were intimidated and threatened by police from the independent force asked to investigate the football disaster. Prof Phil Scraton, the main author of the Hillsborough Independent Panel's report, and Margaret Aspinall, spokesperson of the Hillsborough Families Support group, analyse the allegations.

0810

Every NHS patient in England has until March to opt out of a new system for storing and sharing their medical records. Phil Booth, coordinator for medConfidential, and Tim Kelsey, NHS National Director for Patients and Information, debate the potential impact of the changes.

0820

Today marks the 40th anniversary of the M62 coach bombing. Frank Patterson, one of the first people on the scene at the time, recalls the bombing and its aftermath.

TUE 09:00 The Great War of Words (b03t88vz)

Episode 1

On August 4 1914 German forces entered neutral Belgium - a decision that brought Britain to war in defence of international law bound by strategic interests and moral force.

The subsequent atrocities committed in Belgium & Northern France in those first weeks transformed many people's understandings of what was now at stake. The war now defined as a great moral cause, civilization versus German Kultur.

The 'rape' of Belgium caused international outrage and created a long propaganda war for the hearts and minds of millions overseas. At home ordinary Britons identified strongly with the Belgian plight with hundreds of thousands of refugees arriving on our shores. The German policy of civilian bombing raids and later unrestricted submarine warfare brought the shock of war to people's homes and further shaped our ideas of the bestial Hun.

The greatest atrocity of war was war itself. In the turbulent years of peace after 1918 the wartime motivations and meanings of the war for millions was refracted through the prism of post war disillusionment - so much so that a powerful counter myth set in by the late 1920s that has largely persisted. Many now felt that the British public and millions more were essentially manipulated by their governments to wage a pointless war of slaughter, and that the atrocities were at best hysterical stories ruthlessly transformed into motivational propaganda.

Michael Portillo explores the true history of those events in Belgium, the impact on people during wartime and the battle for meaning that followed.

Producer: Mark Burman.

TUE 09:45 Book of the Week (b03srqzc)

Where Memories Go: Why Dementia Changes Everything

Facing up

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

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

In today's episode: despite the tell-tale warning signs, Sally and her family are still doing their best to ignore the truth.

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

TUE 10:00 Woman's Hour (b03srqzf)

Women and Homophobia in Russia; Fashion and Gardens; Couples in Fiction

The organisation Human Rights Watch in Moscow has found that since federal laws were passed six months ago banning the promotion of homosexuality to minors, violence and abuse of homosexuals has increased dramatically. Liz MacKean has made documentary *Hunted*, exploring the terror that gay people in Russia are feeling. Liz and Tanya Cooper, Researcher for Human Rights Watch in Moscow, join Jane to explain how the situation is affecting women. As part of their Be Clear on Cancer Campaign, Public Health England have just launched a drive to raise awareness of older women about the increased risk they face of getting breast cancer. Around 13,500 women over 70 are diagnosed with the disease every year. Dr Maureen Baker, Chair of the Royal College of General Practitioners and Baroness Delyth Morgan, Chief Executive of the Breast Cancer Campaign join Jane. This week, we broadcast an archive interview with Beth Chatto, one of the most influential gardeners in Britain plus curator Nicola Shulman talks about a new exhibition, *Fashion and Gardens*, at the Garden Museum in London. JK Rowling has admitted that the relationship between Hermione and Ron would have ended up in relationship counselling and wonders whether Ron would have really been able to make Hermione happy. We ask author Jojo Moyes and writer Samantha Ellis which other couples in fiction would survive beyond the last page of a book and which are doomed to fail?

Presented by Jane Garvey
Produced by Lucinda Montefiore.

TUE 10:45 15 Minute Drama (b03srqzh)

Anna's War

Episode 2

Anna's War
by Lizzie Nunnery

Based on the true story of Russian journalist Anna Politkovskaya who was murdered in 2006. The inhabitants of a Chechen mountain village have written to Anna asking for her to investigate recent tortures by the Russian army on civilians. Anna interviews an elderly woman who was kept in a 12' outdoor pit, and then Anna herself is captured by the soldiers.

Produced and directed by Pauline Harris.

TUE 11:00 Nature (b03srqzk)

Series 8

Islands of Ice and Fire

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

Producer Sarah Blunt.

TUE 11:30 The Black Liberace (b03srrsp)

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

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

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

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

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

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

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

TUE 12:00 You and Yours (b03srrsr)

Call You and Yours: School holiday fines

We're asking whether parents should be penalised for taking their children out of school during term time.

Last week an irate father posted on Facebook that he was "sick to death" of being "ripped off" by travel companies which put up holiday prices outside school term time. His post was shared more than 143,000 times.

In the past parents might have taken their children out a few days early to avoid the most expensive fares but new rules in England mean head teachers now have far less discretion over whether or not to allow parents to take children out of school. Parents who ignore the rules can be fined as much as £60 per child. So is this fair?

Maybe you are a parent who has been fined? Or perhaps you're a teacher - do you agree with this policy? Is it preventing parents taking their children out of school?

Maybe you agree with the policy of fining parents but think the travel industry ought to be doing more to bring down the cost of holidays outside term time?

We want to hear your views from 1100 on Tuesday 4th February.

The phone number to call is 03 700 100 444.

E-mail you and yours at BBC dot CO dot UK.

Or you can text 84844.

Presenter: Shari Vahl
Producer: Fiona Woods.

TUE 12:57 Weather (b03sbksk)

The latest weather forecast.

TUE 13:00 World at One (b03sbksj)

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

TUE 13:45 A Brief History of Mathematics (b00ss0lk)

Leonard Euler

Marcus du Sautoy argues that mathematics is the driving force behind modern science: Leonard Euler and an 18th-century puzzle.

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

Today, how the mathematics that Leonard Euler invented two hundred years ago has transformed the internet. Euler's solution to an 18th-century conundrum paved the way for the search engines most of us use every day.

Producer: Anna Buckley

From 2010.

TUE 14:00 The Archers (b03srj0c)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Test Case (b03sbmyl)

Mr C

Deborah Bowman, Professor of Medical Ethics & Law at St George's University of London, explores the remarkable stories behind some of the world's most discussed legal cases, and how they've transformed medical practice for us all.

The case of 'Re C' changed the way we make decisions about our medical treatment forever. Those who were involved in the ground-breaking hearing, in 1993, remember the events vividly and with great affection. But it's unknown to the general public, because of the strange way the case came about ... and because of the extraordinary character at its heart.

Closely based on interviews with those who were there, Philip Palmer's eye-witness drama reveals the story of Mr C.

And after the three o'clock news, you can join the real-life participants as they discuss the case and its consequences, in "Test Case: The Legacy of Mr C".

Produced and Directed by Jonquil Panting.

TUE 15:00 Test Case (b03sbmyn)

The Legacy of Mr C

Deborah Bowman, Professor of Medical Ethics & Law at St George's University of London, explores the remarkable stories behind some of the world's most discussed legal cases and examines how they've transformed practice for us all.

The case of 'Re C' has had a huge influence on medical practice. Yet few people know about it or the extraordinary character at its heart, whose story is revealed in our eye-witness drama "Test Case: Mr C".

But what became of Mr C, and why, decades on, does his case continue to be so widely discussed? As Mr C's fate is revealed in the High Court's decision, Deborah Bowman is joined by a panel of experts, two of whom were directly involved in Mr C's remarkable story.

They share their personal memories of Mr C, with great affection, and discuss why his legal case continues to have such far-reaching consequences for us all, shaping the way we make decisions about our medical treatment.

You can also follow the heart-breaking dilemma of "Test Case: Bournewood", and explore the impact the case had for us all, in "Test Case: The Legacy of Bournewood", on BBC iPlayer.

Produced by Beth Eastwood.

TUE 15:30 The Human Zoo (b03sbmyq)

Series 3

The psychology of negotiation

Our lives are full of tiny yet crucial negotiations. Do you let the other car pull out first from the junction? Who steps through the doorway first? Who takes the last biscuit?.

Passing almost unnoticed, they are an essential social lubricant and are based on an unspoken, common understanding. It's when there are no shared expectations, or where there's a direct conflict, that negotiations take on a very different character. If it's personal, it's a relationship-threatening row. If it's political, then the result can be war.

In this week's Human Zoo, Michael Blastland explores the psychology of negotiation - from how to ask for a pay rise to the story of the Polish psychologists who helped engineer one of the most successful political handovers in modern history.

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

TUE 16:00 The Design Dimension (b03srw0h)

Series 1

Design and Desire

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

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

She begins by unpicking what we consider desirable - and undesirable - in design, taking in touch screens, innovative book design and the erotic symbolism of Ann Summers' corporate logo with its surprising similarity to that of Apple Inc.

Produced by Alan Hall and Hana Walker-Brown

A Falling Tree production for BBC Radio 4.

TUE 16:30 A Good Read (b03szh9c)

Lord Mervyn King and Arabella Weir

Mervyn King, former Governor of the Bank of England, and Arabella Weir, comic actor and writer, discuss their favourite books with Harriett Gilbert.

Producer Beth O'Dea.

TUE 17:00 PM (b03srxrm)

Coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b03sbksp)

The latest national and international news from BBC Radio 4.

TUE 18:30 Dilemma (b03szh9f)

Series 3

Episode 1

Sue Perkins puts Kerry Godliman, John-Luke Roberts, Julia Hartley-Brewer and Clarke Carlisle through the moral and ethical wringer.

The panellists collectively attempt to resolve dilemmas based around dinosaur bones, injured guinea pigs, and unethical banks.

They also assert their moral correctness over giving directions and selling state secrets.

Devised by Danielle Ward.

Producer: Ed Morrish.

TUE 19:00 The Archers (b03szh9h)

Tom tells David that he'd like to keep pigs in the empty barn but it wouldn't meet organic standards. He's also thinking of growing fodder crops.

David asks Tony about his store cattle idea. Tony's emphatic that Tom needs to remember he's not the only farmer but admits events with Helen have taken over.

Jolene encourages Eddie to bring Clarrie to the Valentine's dinner. Bookings have been slow, and Jolene admits it's mainly the likes of Eddie and Clarrie, couples who've been married for years. Jolene reminisces about their younger days, and he recalls when she was the Lily of Leighton Cross. Eddie suggests they hold an alternative Valentine's evening upstairs, for the younger crowd. Jolene likes the idea.

Tom and Kirsty look round Cathridge Hall. It's amazing but expensive, and Kirsty is relieved it's not available. Tom wants her to stop worrying, and suggests moving their wedding date. Kirsty won't budge on that but agrees to look elsewhere. She also agrees they should think about their future home, but doesn't want it to be on Bridge Farm.

Eddie talks to Ed about Holly staying at Will's. Ed's not happy but assures Eddie he won't go storming in. He's going to box clever.

TUE 19:15 Front Row (b03t7mn1)

Reece Shearsmith; David Hockney prints; Blockbusters

With Mark Lawson.

The League of Gentlemen and Psychoville's Reece Shearsmith discusses his new TV series, co-written with Steve Pemberton. Inside No. 9 tells darkly comic stories from six separate settings, with guests including Gemma Arterton.

The Dulwich Picture Gallery is holding an exhibition of David Hockney's printmaking, which will coincide with the 60th anniversary of Hockney's first print. The exhibition includes more than 100 works dating from etchings made when Hockney was an art student to more recent graphic works created using a computer. Richard Cork reviews.

Harvard business professor, Anita Elberse, joins Mark to discuss her book, Blockbusters, an economic scrutiny of the entertainment business. She explains why there are no batting averages in the entertainment industry, the business link between Spiderman and Lady Gaga, and what she means by The Blockbuster Trap.

The number of incidents relating to graffiti fell by 63 per cent between 2007 and 2012 according to a report from the British Transport Police. Kid Acne, a former Graffiti artist who now works in design and print making, discusses why CCTV, the threat of a custodial sentence and the fact that aspiring artists can find a bigger audience for their work online may have led to less graffiti on British streets.

Producer: Gabriella Meade.

TUE 19:45 15 Minute Drama (b03srqzh)

[Repeat of broadcast at 10:45 today]

TUE 20:00 File on 4 (b03szh9m)

Cut-Price Care

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

From this Spring, inspectors will ask how councils' commissioning practices are affecting the daily lives of those

they care for. But with authorities under pressure simultaneously to cut costs, will quality continue to suffer?

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

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

Reporter: Fran Abrams
Producer: Emma Forde.

TUE 20:40 In Touch (b03szh9p)
Help for aspiring disabled MPs; bell ringing

Ellie Southwood and Mark Higgins are aspirant MPs, intending to win council seats in the May elections. They are both blind and explain to Peter White about the fund designed to help disabled people get into politics. They explain some of the strategies they use to canvass and get their message across.

Tom Walker meets Rob Bywater, who is partially-sighted and learning to become a bell-ringer. Rob showed Tom the ropes...

TUE 21:00 Inside Health (b03szh9r)
Testosterone; Antidepressants in Pregnancy; Laptop Use at Night and Sleep; Shifting School Times

Why testosterone prescriptions are on the increase in the UK and growing concern amongst some doctors that these supplements may be linked to heart attack.

Do the hours spent on laptops or tablets before bedtime disrupt your sleep?

Dr Margaret McCartney reviews the evidence for later school start times for teenagers to match their natural bodyclocks. And a listener's concern about antidepressants in pregnancy - 1 in 30 women take medication for depression whilst expecting a baby, but does the science suggest these drugs are harmful?

TUE 21:30 The Great War of Words (b03t88vz)
[Repeat of broadcast at 09:00 today]

TUE 22:00 The World Tonight (b03szm03)
BP Chief exec warns over Scottish independence;
Government publishes report into 1984 Amritsar massacre;
Kevin Pietersen is dropped from England cricket team;
Pakistan government doesn't attend Taliban talks;
Charlie Chaplin novella published.
With Ritula Shah.

TUE 22:45 Book at Bedtime (b03tzcgd)
Dubliners

An Encounter

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

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

TUE 23:00 2525 (b007zm2)
Episode 1

In the year 2525, if man is still alive, if woman can survive... then it may sound something like this. Set 511 years in the future, 2525 welcomes you into a world of competitive kitchen appliances, robotic stand-up comedians and religions devoted to the worship of the Beatles.

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

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

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

TUE 23:30 Today in Parliament (b03szm0k)
Susan Hulme reports from Westminster.

WEDNESDAY 05 FEBRUARY 2014

WED 00:00 Midnight News (b03sbktr)
The latest national and international news from BBC Radio 4. Followed by Weather.

WED 00:30 Book of the Week (b03srqzc)
[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b03sbkbt)
The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes (b03sbktw)
BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b03sbkty)
The latest shipping forecast.

WED 05:30 News Briefing (b03sbkv0)
The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b03szrzh)
A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

WED 05:45 Farming Today (b03szrzx)
British pig farmers want the Government to improve border controls to prevent contaminated meat coming in from elsewhere in Europe. The National Pig Association is concerned that African Swine Fever has recently spread from Russia and Belarus, into Lithuania. It's a highly contagious virus which, in its most acute form, could wipe out entire pig herds. A raging fever, vomiting and laboured breathing are some of its symptoms. There has never been a single case of it in the UK but the NPA's Richard Longthorp tells Anna Hill how it could potentially spread.

Government vets will be making extra visits to around 350 farms which have been under TB restrictions for more than 18 months. The Animal Health Veterinary Laboratories Agency wants to assign a vet to farms where Bovine TB is most persistent, to try and find out how and why the disease keeps recurring. Anna asks Nick James from the AHVLA what that will mean for farmers and gauges reaction from Andrew Cozens, whose Gloucestershire herd was affected by TB for 12 years.

Anna also visits a nature reserve which grows 'Conservation Grade' oats. It's a scheme where farmers take 10% of their land out of food production and instead dedicate it to wildlife. They then get a premium on the crops they grow on the rest of their land. Anna sees how it's working at Penshorpe Nature Reserve in Norfolk, where the sound of skylarks is a good sign.

Presented by Anna Hill and produced by Anna Jones.

WED 05:58 Tweet of the Day (b03szrzm)
Mallard

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

Chris Packham presents the mallard. Mallards are our commonest ducks. In winter, mallards from Continental Europe join our resident birds. Some may have flown from as far away as Russia and many infiltrate local flocks, so the bills which snatch your bread may have been born hundreds, if not thousands of kilometres away.

WED 06:00 Today (b03szrzzp)
Morning news and current affairs with Justin Webb and John Humphrys, including:

0750
Commuters in London are braced for rush hour chaos as Underground workers strike over proposed job cuts and ticket

office closures. London mayor Boris Johnson speaks to presenter Justin Webb.

0810
Ten years ago, 23 Chinese men drowned in Morecambe Bay while harvesting cockles. Today's Tom Bateman looks at how this led to a change in law to try and stop gangmasters preying on illegal immigrants who had been trafficked to Britain, before Paul Broadbent, chief executive of the Gangmasters Licensing Authority, speaks to presenter John Humphrys.

0850
As time moves on, the visions of the future in sci-fi films have to be continually reinvented. Louis Savy, founder of the Sci-Fi-London Film Festival, and science fiction writer Paul Cornell discuss.

WED 09:00 Midweek (b03szrzz)
John Wardley, Mandy Rice-Davies, Barbara Taylor Bradford, Marc Lucero

Libby Purves meets rollercoaster designer John Wardley; novelist Barbara Taylor Bradford; former showgirl and actor Mandy Rice Davies and comedian Mark Lucero.

John Wardley is a rollercoaster designer who is behind some of the most famous rollercoasters in Britain including Oblivion and Nemesis. He also devised special effects for five of the James Bond films including Live and Let Die and The Man with the Golden Gun. As a young boy he was fascinated by illusions, fairgrounds and the mechanics behind them. His autobiography Creating My Own Nemesis is self-published.

Barbara Taylor Bradford is a novelist who has sold over eighty million books worldwide since her debut novel, A Woman of Substance, was published in 1979. She started writing for her local paper, the Yorkshire Evening Post, when she was 15 and by 18 she was editing the paper's Women's page. Her new novel, Cavendon Hall, is about two families - the aristocratic Inghams and the Swanns who serve them. Cavendon Hall is published by HarperCollins.

Mandy Rice Davis is a former showgirl, known for her involvement in the Profumo affair in the 1960s. After the scandal she moved to Israel where she took up acting. Mandy was an adviser on Andrew Lloyd Webber's musical, Stephen Ward, which charts the rise and fall of the man at the centre of the Profumo affair - osteopath Stephen Ward. Stephen Ward - The Musical is at the Aldwych Theatre, London.

Marc Lucero is a comic who won Silver Stand-Up Of The Year (for comedians over 55) at Dave's Leicester Comedy Festival in 2013. His one man show, George Carlin Saved My Life, is inspired by his first trip to the US in 1979. During the trip he met members of his family for the first time and saw the late comic George Carlin perform in Las Vegas. Watching Carlin convinced him to become a stand-up comedian. George Carlin Saved My Life is at the Criterion Theatre as part of Dave's Leicester Comedy Festival.

Producer: Paula McGinley.

WED 09:45 Book of the Week (b03szrzt)
Where Memories Go: Why Dementia Changes Everything

The Death of a Husband

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

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

In today's episode: the death of a beloved husband, and Mamie's struggle to grieve.

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

WED 10:00 Woman's Hour (b03thdbh)
World War One: Changing Women's Lives

How the war shaped the lives of a generation of women. While women in their thousands volunteered for war service and the number of women employed went up by more than a million by 1918, what power did women really achieve outside the home

and how lasting was it? Joining Jenni Murray and Baroness Shirley Williams on the war's impact on the generation of her mother, Testament of Youth author Vera Brittain; writer and broadcaster Kate Adie; Joanna Bourke, Professor of History at Birkbeck College; and cultural historian Professor Maggie Andrews. We also hear about the work of doctors Flora Murray and Louisa Garrett Anderson who established and ran the only British army hospital staffed entirely by women, treating wounded soldiers.

Producer: Anne Peacock.

WED 10:45 15 Minute Drama (b03sztrw)
Anna's War

Episode 3

Anna's War 3/5
by Lizzie Nunnery

Based on the true story of Russian journalist Anna Politkovskaya who was murdered in 2006. Armed Chechen rebels seize the crowded Dubrovka Theatre, in Moscow on 23 October 2002. The rebels ask for Anna to go to theatre to act as a mediator between them and the Russian Government.

Produced and directed by Pauline Harris.

WED 11:00 Whatever Happened to Community? (b03kpy6k)
Nostalgia

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

In our digital, global age, we look back with misty eyes to a 'golden age' of community in the 1950s. But our anxiety about lost community is nothing new.

In 1836, Augustus Pugin published Contrasts, a book of architectural drawings comparing the buildings of the medieval community with those of the industrial revolution. In response to what he saw as the urban decay and social rootlessness created by the industrial revolution, Pugin set about re-inventing the architecture of medieval community, initiating the Gothic revival. This wasn't simply about highly decorated churches with pointed arches, it was a wholesale programme of social and moral reform - a return to some imagined 'golden age' where people lived at ease with each other in stable and religiously engaged communities with shared values.

Giles travels to North Staffordshire, often known as 'Pugin-land' because of the high concentration of Pugin's buildings, to explore how many in the 19th century wanted to return to medieval forms of community. He argues that this is not dissimilar to the nostalgia many people feel today in response to globalisation and social churn.

And in the struggling former pottery town of Stoke on Trent he talks to MP Tristram Hunt about contemporary anxiety over community, and challenges a former BNP councillor nostalgic for a past with few immigrants and full employment.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

WED 11:30 Clare in the Community (b03sztry)
Series 9

Panic Room

Clare is forced to confront an old phobia after a regular home visit takes an unusual turn. Fortunately, Helen is on hand to help. Back in the office, Joan is left holding the babies.

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

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

Clare continually struggles to control both her professional and private life

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

Written by Harry Venning and David Ramsden.

Clare Sally Phillips
Brian Alex Lowe

Nali Nina Conti
Megan Nina Conti
Ray Richard Lumsden
Terry Dobson Richard Lumsden
Helen Liza Tarbuck
Libby Sarah Kendall
Joan Sarah Thom

Producer: Alexandra Smith.

First broadcast on BBC Radio 4 in February 2014.

WED 12:00 You and Yours (b03szts0)
Saving money with insulation; Reconnecting broadband lines

Official figures for how much you can save on energy bills by insulating your home have been revised down by the Energy Saving Trust. What does that mean for customers considering paying for new boilers, cavity wall insulation or double glazing?

Broadband customers tell You & Yours about their frustration trying to get reconnected after the winter storms.

Shop mannequins might soon look more life like - but will it make us buy more?

And we find out if the cost of motor insurance has changed since European law forced insurance companies to stop giving women cheaper prices.

Presented by Winifred Robinson
Produced by Natalie Donovan.

WED 13:00 World at One (b03sbkv2)
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

WED 13:45 A Brief History of Mathematics (b00ss019)
Joseph Fourier

Marcus du Sautoy argues that mathematics is the driving force behind modern science: Joseph Fourier's insightful maths.

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

Today, the mathematics of Joseph Fourier. It's thanks to his mathematical insight that you can hear Marcus on the radio and that Brian Eno can create sounds that have never been heard before.

Producer: Anna Buckley

From 2010.

WED 14:00 The Archers (b03szh9h)
[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b03szts2)
The No. 1 Ladies' Detective Agency

The Modern Husband Course

A new two-part dramatisation of Alexander McCall Smith's latest No.1 Ladies' Detective Agency book, 'The Minor Adjustment Beauty Salon'. Mma Ramotswa and Mma Makutsi return to Radio 4 for a tenth series based on the popular novels set in Botswana, dramatised by the author.

Episode 1 : The Modern Husband Course
Mr J.L.B. Matekoni embarks on a quest for self-improvement, with a little encouragement from Mma Ramotswa. Mma Makutsi settles into her new house while hiding a secret from her best friend.

Mma Ramotswa.....CLAIRE BENEDICT
Mma Makutsi.....NADINE MARSHALL
Mr J L B Matekoni.....BEN ONWUKWE
Mma Sheba/Aunt Radiphuti.....ADJOA ANDOH
Phuti RadiphutiJUDE AKUWUDIKE
Charlie / Liso.....MAYNARD EZIASHI
Mma Soleti.....ELEANOR CROOKS
Mma Keitumetse.....ANNA BENGO
Student.....STEVE TOUSSAINT
Mma Molapo..... JANICE ACQUAH

Directed by Eilidh McCreadie

WED 15:00 Money Box Live (b03szts4)

Financial Fraud

Have you been a victim of fraud, identity theft or a money scam? How do you protect yourself and can you get your money back? Call 03700 100 444 from **1pm to 3.30pm** on Wednesday or e-mail moneybox@bbc.co.uk now

Fraud losses on UK cards totalled £216.1m between January and June 2013 and fraudsters helped themselves to a further £17.1m through online banking theft and £5.2m from telephone banking fraud.

For advice about keeping your money safe from the latest scams and investment traps talk to Lesley Curwen and guests on Wednesday's Money Box Live.

Joining Lesley to answer your questions will be:

Tony Blake, Crime Prevention Officer, The Dedicated Cheque and Plastic Crime Unit.
Craig Jones, Head of Communications, Financial Fraud Action UK.
Sarah Pennells, Founder, Savvywoman.co.uk

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

Presenter: Lesley Curwen
Producer: Diane Richardson.

WED 15:30 Inside Health (b03szh9r)
[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b03sztx5)
Numbers in Global Politics; Gay Rights and Religion in Belfast

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

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

Producer: Jayne Egerton.

WED 16:30 The Media Show (b03sztx7)
DMI project; Royal pictures; media ownership; journalists in Egypt

Former BBC director general Mark Thompson apologised to MPs this week for the failure of the £100m Digital Media Initiative. The project, that was meant to allow BBC staff to create, share and store content in a new digital system, was suspended in 2012. The DMI project is one of a series of controversies at the BBC that has prompted parliamentarians to grill former and current bosses. Steve Hewlett talks to the chair of the Commons Public Accounts Committee Margaret Hodge on why she hopes this is the last saga she'll have to investigate at the BBC.

Long lens photographs of the Duchess of Cambridge getting off a plane en route to Mustique with Prince George have appeared on the cover of Hello! magazine. Some say the publication of the photos appears to be at odds with past objections to "private" photographs of members of the royal family taken in public places. So, under what circumstances can pictures of the Royals be published? Steve Hewlett discusses the issue with Max Cisotti, who runs the agency which sold the pictures to Hello!, royal correspondent Robert Jobson, and former palace press secretary Dickie Arbiter.

Communications watchdog Ofcom should have the final say on issues of media ownership rather than the culture secretary. The House of Lords Communications Committee says the watchdog should also carry out regular reviews of the media landscape that would "set the context" for any future decisions. Lord Inglewood, the chair of the committee, joins Steve Hewlett to discuss the findings.

And as protests in take place in Nairobi in support of detained Al-Jazeera correspondent Peter Greste, we speak to the broadcaster's head of newsgathering about the dangers now facing journalists in Egypt.

Producer: Katy Takatsuki.

WED 17:00 PM (b03sztx9)

Full coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b03sbkv4)

The latest national and international news from BBC Radio 4.

WED 18:30 Mark Steel's in Town (b03sztxc)

Series 5

Birkenhead

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

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

This edition comes from Birkenhead, Wirral, where the landscape may be dominated by the shipyard but the local life has also included monks, a "Bantam Army", one of the quirkiest bands in the country, and a pub inside a barbershop. You will also find out why this edition of Mark Steel's In Town was probably the inspiration for Woody Allen's Manhattan. From February 2014.

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

WED 19:00 The Archers (b03sztxf)

Ed thinks Emma can persuade Nic it's best if Will brings Holly back. Nic starts talking about Susan's £3M lottery win. Emma insists it's not that much. She explains she's there to talk about Holly and Nic wastes no time in saying she can take her. It's what Nic wants - she'd rather deal with a stroppy Will than a puppy. She agrees to explain that to George, and she'll drop him and Holly off later.

Ed likes having Ambridge View to themselves. He can't wait to get a place of their own again. The house is turned into chaos when Nic turns up with George and Holly but everything soon calms down.

Helen's trying to pack but with Pat apparently too busy to look after Henry, it's proving impossible. She calls Emma, who agrees to help with Henry. As Helen loads her car, Pat offers to help. Helen declines.

Helen admires what Rob has done to Henry's room. He'll love it. Rob receives a frustrating text. Tomorrow's supplier meeting has moved from Birmingham to Essex. Helen assures him it's fine.

Rob and Helen are snuggling up in bed, when Henry comes through. Helen's sorry, but he'll have to sleep between them, just for tonight. This isn't what Rob had planned.

WED 19:15 Front Row (b03sztxh)

David Bailey; Hanif Kureishi; Isabella Rossellini

With Kirsty Lang

David Bailey is one of the best known British photographers. He is perhaps most celebrated for his distinctive 1960s portraits but he has also worked in fashion, music and documentary in a career that has spanned five decades. A new exhibition of his work at the National Portrait Gallery, Bailey's Stardust, explores Bailey's diverse work from photographs taken in the East End in the 1960s, a self-portrait with Salvador Dali, to a series taken in the Naga Hills in Southern India. Charlotte Mullins reviews.

Hanif Kureishi, celebrated for both his novels and screenplays, speaks to Kirsty about his latest book *The Last Word*. It follows the relationship between an elderly writer and his young biographer, who is commissioned to tell the story of the former's life. Having just sold his own diaries and manuscripts to the British museum, Kureishi talks about the complexities of looking back on one's life, collaborating on his latest film *Le Weekend*, and whether this new novel will indeed be his own last word.

Mark Eccleston reviews *The Patrol*, the first British feature film about the war in Afghanistan, written and directed by ex-Army officer Tom Petch.

Actress and model Isabella Rossellini is best known for films such as *Blue Velvet* but she is now writing, starring and directing a series of award winning short films, about the sex lives of

insects and marine animals. The success of these films has led to the "Green Porno" stage show. Rossellini discusses the show, becoming a student again and how her admiration for David Attenborough affected her work.

Producer Claire Bartleet.

WED 19:45 15 Minute Drama (b03sztrw)

[Repeat of broadcast at 10:45 today]

WED 20:00 Moral Maze (b03sztyj)

Sochi

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

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

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

WED 20:45 Four Thought (b03sztyl)

Series 4

Heaven Crawley

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

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

Presenter: David Baddiel
Producer: Sheila Cook.

WED 21:00 How to Teach Maths (b03szv89)

Alex Bellos takes you on a mathematical learning journey from the first stages of number recognition through to an understanding of how children solve sums and calculate answers. On the way he will look at the neuroscience of maths and how our mathematical brain develops. He investigates the scientific evidence behind teaching maths and he'll compare how modern methods of teaching children differ from those taught to their parents, helping kids today go beyond basic numeracy to develop a passion for numbers.

The producer is Ania Lichtarowicz.

WED 21:30 Midweek (b03szrzz)

[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b03sbkv6)

The latest weather forecast.

WED 22:00 The World Tonight (b03szv8c)

In-depth reporting and analysis from a global perspective.

WED 22:45 Book at Bedtime (b03ztcgc)

Dubliners

Araby

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

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

WED 23:00 Tim Key's Late Night Poetry Programme (b03szv8f)

Series 2

Music

Comedian Tim Key explores the concept of music with a poem about an ambitious songbird called Patrick.

Tom Basden attempts to accompany the poet, but Tim threatens to hire a proper musician.

Written and presented by Tim Key

With Tom Basden, Katy Wix and Diane Morgan

Producer: James Robinson

First broadcast on BBC Radio 4 in February 2014.

WED 23:15 iGod (b00x9xb8)

Procrastination

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

In each episode, an unnamed, all-seeing narrator (David Soul - Starsky and Hutch) shows us that it is stupid to be worrying, as he looks back at some of the most entertaining apocalypses on parallel Earths. Each week a different parallel world is accidentally wiped out by an ordinary bloke called Ian (Simon Day). With a full-range of sound effects and wonderfully funny and surreal twists, iGOD will be a true aural extravaganza.

In this episode, a parallel Earth is obliterated when a lazy Ian decides to take the afternoon off.

iGOD is a highly original and funny late-night comedy series. It stars Simon Day (*The Fast Show*) and David Soul (*Starsky & Hutch*) and is written by one of the head writers of the BAFTA award-winning *The Thick Of It*, Sean Gray and produced by Simon Nicholls (*Ed Reardon's Week / News At Bedtime*).

Ian Simon Day
The Narrator David Soul

Also starring
Rosie Cavaliero
Alex MacQueen
Dan Tetsell

Written by Sean Gray.

Producer: Simon Nicholls.

First broadcast on BBC Radio 4 in January 2011.

WED 23:30 Today in Parliament (b03szvg2)

Does the Conservative Party have a problem with women? And should the Government be criticised for its handling of the flooding crisis in the West Country? Two issues that confronted David Cameron at Prime Minister's Question time. Sean Curran follows the robust exchanges in the Commons.

Also on the programme:

* Peers debate the laws regarding the sale of tobacco products to young people.
* Reaction to the boss of BP's comments about the 'uncertainty' of Scottish independence.
* The latest arguments over the future of the health service in England.

THURSDAY 06 FEBRUARY 2014

THU 00:00 Midnight News (b03sbkw4)

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

THU 00:30 Book of the Week (b03szzrt)
[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b03sbkw6)
The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b03sbkw8)
BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b03sbkw6)
The latest shipping forecast.

THU 05:30 News Briefing (b03sbkw8)
The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b03szw5y)
A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

THU 05:45 Farming Today (b03szw60)
Planning regulations, Managing land for wildlife, Halal farm

New planning courts will be bought in this Summer to oversee planning-related judicial reviews. The Ministry of Justice plans to fast-track judicial reviews through the new system in order to speed up the development process. However the Campaign to Protect Rural England says that the new courts will make it harder to appeal against planners decisions.

And we hear from an Oxfordshire farm which is producing halal meat using organic practices. The Radwan family set up their farm in 2002 with a view to helping more Muslims understand where their food comes from.

Agri-environment schemes that are well-designed and well-targeted are a lifeline for wildlife, according to RSPB. As a new tranche of farm wildlife schemes are getting set to be rolled out across the UK, we ask both the RSPB and the NFU how nature and agriculture can co-exist and whether there's a balance to be struck between creating productive farms and landscape restoration projects such as rewilding.

Presented by Charlotte Smith and produced by Jules Benham.

THU 05:58 Tweet of the Day (b03szw62)
Avocet

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

Chris Packham presents the avocet. With its black and white plumage, blue-grey legs and delicate upturned bill, the avocet is one of our easiest birds to identify. They are a conservation success and are now breeding in Norfolk, Lincolnshire, Kent and elsewhere.

THU 06:00 Today (b03szw8j)
Morning news and current affairs. Including Sports Desk, Yesterday in Parliament, Weather and Thought for the Day.

THU 09:00 In Our Time (b03szw8l)
The Phoenicians

Melvyn Bragg and his guests discuss the Phoenicians. The Greek historian Herodotus wrote about a people from the Levant who were accomplished sailors and traders, and who taught the Greeks their alphabet. He called them the Phoenicians, the Greek word for purple, although it is not known what they called themselves. By about 700 BC they were trading all over the Mediterranean, taking Egyptian and Syrian goods as far as Spain and North Africa. Although they were hugely influential in the ancient world, they left few records of their own; some contemporary scholars believe that the Phoenicians were never a unified civilisation but a loose association of neighbouring city-states.

With:

Mark Woolmer
Assistant Principal at Collingwood College, Durham University

Josephine Quinn
Lecturer in Ancient History at the University of Oxford

Cyprian Broodbank

Professor of Mediterranean Archaeology at University College London

Producer: Thomas Morris.

THU 09:45 Book of the Week (b03szwsg)
Where Memories Go: Why Dementia Changes Everything

Consolation in Forgetting

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

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

In today's episode: Sally sees that there is sometimes consolation in forgetting.

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

THU 10:00 Woman's Hour (b03szwss)
Sheryl Crow; FGM; Eileen Atkins

Sheryl Crow sings her latest single, Easy and tells us about cancer, adopting her sons and her latest album. New government measures to tackle FGM - we get reaction from Naana Otoo-Oyortey from Forward. Eileen Atkins on performing Shakespeare's greatest female characters. Actor, Briony Rawle and casting director Lucinda Syson discuss the experience of women in casting. And Barbara Taylor on her book The Last Asylum: A Memoir of Madness in Our Times which recounts the experiences which led to her admission and 21 years of psychoanalysis which, she claims, "saved her life".

Presented by Jenni Murray
Produced by Jane Thurlow.

THU 10:45 15 Minute Drama (b03szwsv)
Anna's War

Episode 4

Anna's War 4/5
by Lizzie Nunnery
Based on the true story of Russian journalist Anna Politkovskaya who was murdered in 2006. September, 2004. When Anna hears of the seizure of a school by Chechen militants she heads off to Beslan to report on the crisis, but never makes it.

Produced and directed by Pauline Harris.

THU 11:00 From Our Own Correspondent (b03szwsx)
Tiny Boats at Sea

Spain crawls painfully out of recession but Pascale Harter, in Barcelona, says so much damage has already been done to Spanish families; in America, six million manufacturing jobs have gone but there are still some things Made in the USA, as Mike Wendling's been discovering in New York State; One territory full of natural resources is Inner Mongolia, which is part of China. But, as Martin Patience has been learning, there are concerns that development's coming at a heavy cost to tradition and heritage; Edward Lewis climbs aboard the train to Luxor to ask passengers what they make of Egypt's military leader Abdul Fattah al-Sisi and Simon Atkinson, in the deserts of Abu Dhabi, learns what exactly it is that makes a camel beautiful.

THU 11:30 Will Carlos Acosta Get to the Pointe (b03szwsz)
Episode 1

The celebrated ballet star, Carlos Acosta, is preparing to take on one of his most demanding roles - to save the crumbling ruins of an abandoned ballet school in Cuba.

Vittorio Garatti's Ballet School in Havana is an extraordinary labyrinth of corridors, graceful arches and majestic domes and has been described as one of the most remarkable buildings of the 20th century. But after its construction the sensuous structures became viewed as indulgent and elitist and the buildings were abandoned and fell into disrepair.

Carlos Acosta has a dream to revive the school and transform it into an international centre for dance and the Arts. His plans have provoked ethical divisions with the original architect, and the restoration project is being seen as a touchstone for how modern Cuba feels about itself and its artistic history. In, Will Carlos Acosta Get to the Pointe, the ballet star travels back to his native country to reveal why this project is so close to his own heart.

THU 12:00 You and Yours (b03szwt1)
Electric Cars, Supermarket coffee, AirBNB, Spas, Tesco 4G

Demand for the first mass produced electric car has vastly outstripped supply. The BMW I3 went on sale in Europe in November 2013 and has already received over 11,000 orders. It is soon to go on sale in North America. China and Japan with many of the top motor magazines saying it could be the first electric car to make a real impact on the market.

Tesco Mobile is now offering 4G for free to new and existing customers. Previously the provider charged an extra £2.50 for users to try out the superfast service via a 4G bolt-on. Now the network is lifting the £2.50 surcharge and offering 4G at no extra cost on all its pay monthly and SIM-only contracts.

Six million visits a year are made to spas in the UK with the business estimated to be worth almost two billion pounds. The Sanctuary in Convent Garden is one of the most famous. It's been running since 1977 but will close in May of this year. So how has an industry so closely associated with luxury and indulgence fared during a period of austerity?

AirBNB, the service that lets anyone rent out their home for short-term lets, says it brings the UK economy more than half a billion pounds each year and provides thousands of jobs. But there's concerns that AirBNB's members don't have to meet the same safety standards as their rivals who run hotels and hostels. So if you do stay or rent out a home with AirBNB - who covers you when something goes wrong?

Supermarkets like to make their customers feel loved, which is why Waitrose is one of several which hand you a free coffee if you have a membership card. What impact does it have on the local artisan coffee shop when a big local supermarket starts giving away your main product for free?

THU 12:57 Weather (b03sbkwg)
The latest weather forecast.

THU 13:00 World at One (b03sbkwj)
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

THU 13:45 A Brief History of Mathematics (b00s0lc)
Evariste Galois

Marcus du Sautoy argues that mathematics is the driving force behind modern science: mathematics during the French Revolution.

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

Today how the mathematics of the French revolutionary, Evariste Galois, has proved invaluable to particle physicists working today. The mathematics that Galois began, over two hundred years ago, now absolutely describes the fundamental particles that make up our universe.

Producer: Anna Buckley

From 2010.

THU 14:00 The Archers (b03szxtf)
[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama (b03szx7n)
The No. 1 Ladies' Detective Agency

The Minor Adjustment Beauty Salon

A new two-part dramatisation of Alexander McCall Smith's latest No.1 Ladies' Detective Agency book, 'The Minor Adjustment Beauty Salon'. Mma Ramotswa and Mma Makutsi return to Radio 4 for a tenth series based on the popular novels set in Botswana, dramatised by the author.

Episode 2: The Minor Adjustment Beauty Salon
Mma Ramotswa searches for answers as the campaign against

Mma Soleti steps up a gear. Meanwhile the Agency welcomes a new arrival, and an old wrong is finally righted.

Mma Ramotswe.....CLAIRE BENEDICT
Mma Makutsi.....NADINE
MARSHALL
Mma Potokwani.....JANICE ACQUAH
Mma Soleti.....ELEANOR CROOKS
Charlie.....MAYNARD EZIASHI
Daisy Manchwe.....NOMA
DUMEZWENI
Official.....STEVE TOUSSAINT
House Mother.....ALIBE PARSONS

Directed by Eilidh McCreadie

THU 15:00 Open Country (b03szx7q)

Common Ground, Dorset

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

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

Producer: Mark Smalley.

THU 15:27 Radio 4 Appeal (b03sr5r1)

[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Bookclub (b03srdff)

[Repeat of broadcast at 16:00 on Sunday]

THU 16:00 The Film Programme (b03szxd9)

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

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

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

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

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

THU 16:30 BBC Inside Science (b03szxdc)

Engineering for floods; Neanderthal genes; Switching senses; Genes in Space game

The warning that floods are likely to become more common, or more severe, won't be a high priority for those with homes currently deluged. But it is something architects, engineers and planners have been taking very seriously. Dr. Adam Rutherford finds out about some of the innovations, both in UK and abroad, being designed for homes in areas prone to flooding - from simple door guards and waterproofing which can be retrofitted to existing houses - to entire city re-landscaping, or 'waterscaping' which aims to make room for the river, rather than fighting against it.

Last week Adam talked about research showing that most people of European or East Asian descent carry a small percentage of Neanderthal DNA - about 2%. He examined some of the physical characteristics we may have got from the

genes of our ancient cousins. This week Inside Science addresses some of the questions this fascinating work prompted.

A new study in the journal Neuron this week, looks at what happens in the brain when one of the senses is dulled. Dr. Patrick Kanold, from the University of Maryland in the States, and his colleagues simulated blindness in mice by keeping them in the dark for a week, to see what happened to the parts of their brains involved in hearing. The found that the mouse's hearing improved. We sometimes talk about the brain being 'hardwired': all the neurons locked in place from early childhood. It was assumed that there was only a short, finite period when the brain was still capable of changing, but the new research shows parts of the brain still has room to manoeuvre.

A recurring problem in science is that we are far better at collecting vast amounts of scientific data than we are at actually analysing them. To combat this problem, the charity Cancer Research UK have just launched a mobile phone game, 'Genes In Space', that farms statistical analysis out to the masses. Under the guise of flying a spaceship through a meteor storm, game players actually navigate their way through genetic sequence data from breast cancer patients. The information on the virtual path they take is automatically uploaded to the database and fed back into the scientific process.

Producer: Fiona Roberts.

THU 17:00 PM (b03szxdf)

Coronation Street star William Roach has been found not guilty of sexual offences. We have the background to the case and hear from a friend.

The floods are increasing in the Somerset Levels, we hear from residents struggling to cope.

Plus our first Andy Swiss PM Sochi Winter Olympics Desk of Sport with Andy Swiss.

THU 18:00 Six O'Clock News (b03sbkw1)

The latest national and international news from BBC Radio 4.

THU 18:30 Mitch Benn Is the 37th Beatle (b03szxdh)

Musical satirist Mitch Benn explores his comedy connections to the story of The Beatles.

Mitch has realised that over the years many people have claimed the title The Fifth Beatle. In fact, so many of them have been described as such that there are now at least 36 of them. They can't all be right. But some of them are righter than others...

Fifty years on from the release of 'Please, Please Me', Mitch presents his own definitive list of the Beatles. He presents a whistlestop tour through musical history and the enduring legacy of the Fab Four, whilst shamelessly milking his own - incredibly tenuous - connection to it.

Written by and starring Mitch Benn

Producer: Alexandra Smith.

THU 19:00 The Archers (b03szxdv)

Jolene reminds Kenton to unblock a drain. Kenton's horrified to see Jolene's flyers for Singles' Night at The Bull. Jolene's happy though to put on both her event and Kenton's romantic Valentine dinners - they can manage a floor each.

Jill feels embarrassed for disturbing Ruth and David in the middle of the night when she heard noises. Kenton says to call him if she's ever worried, but Jill says she'll be fine.

Peggy and Jill sort through Jack's clothes. Peggy's surprised that Tony feels effectively disinherited. Peggy thought she was doing what's best for the future of the farm.

With Rob away for the day, Helen persuades Kirsty to come over to the Cottage, where they look at dresses online over a bottle of wine. They find a designer with a shop in Felpersham and agree to visit on Monday. Helen accepts it will take time for Kirsty to warm to Rob. She asks Kirsty to support her though - Rob makes her feel safe. Kirsty wonders if it feels weird being in his marital home and sleeping in his bed.

Helen's disappointed when Rob has to check into a hotel and stay over after his long meeting. It's late, they've just finished and he can't face the drive home...

THU 19:15 Front Row (b03szx10)

Babylon; The Mistress Contract

With Kirsty Lang.

Sam Bain and Jesse Armstrong, writers of the comedy series Peep Show and Fresh Meat, discuss their new TV drama, Babylon, in which they've joined forces with Danny Boyle. It focuses on the people and politics of the Metropolitan Police - both in the command rooms and on the streets - as they struggle to keep law and order under the constant scrutiny of social media.

The Mistress Contract, a book written by an anonymous couple, has been adapted for the stage by Abi Morgan. Morgan, who is best known for her screenplay for the Thatcher biopic, The Iron Lady, documents the couple's relationship over the decades after they agreed to sign a "mistress contract." Sarah Dunant reviews.

English National Opera is the latest opera company to start screening their productions live into cinemas around the country and worldwide. ENO's Artistic Director, John Berry, and Kasper Holten, Director of Opera at the Royal Opera House, talk about the creative challenges of making an opera production that can simultaneously fill an opera house and a cinema screen.

The Night Guest is the first novel by Australian writer Fiona McFarlane. Ruth, an elderly widow, lives in a secluded house on the coast of New South Wales when she receives an unexpected visit from a woman who says she has been sent by the government to help out. Fiona McFarlane discusses the themes of confusion and mental disintegration that lie at the heart of the book.

Producer: Rebecca Nicholson.

THU 19:45 15 Minute Drama (b03szwsv)

[Repeat of broadcast at 10:45 today]

THU 20:00 The Report (b03szx13)

Turkey: The Gulen Movement

Turkey's most important Islamic network, the Gulen movement, helped bring the ruling AK Party to power in 2002. But now it threatens to bring it down. Fethullah Gulen, the reclusive Muslim cleric who leads the movement, has hinted that he believes the AKP is no longer fit to govern.

Presenter Edward Stourton travelled to Turkey to investigate the Gulen movement in 2011. He discovered unease amongst the Gulen's critics about the movement's influence in key institutions, including the police and judiciary. In the wake of the recent power struggle between the police and the government, he examines the Gulen's role in the rift.

Producer: Helen Grady.

THU 20:30 The Bottom Line (b03szxq8)

MBAs

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

Guests:

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

Producer: Kent DePinto.

THU 21:00 BBC Inside Science (b03szxdc)

[Repeat of broadcast at 16:30 today]

THU 21:30 In Our Time (b03szw81)

[Repeat of broadcast at 09:00 today]

THU 21:58 Weather (b03sbkwn)

The latest weather forecast.

THU 22:00 The World Tonight (b03szxwp)

More funds for flood repairs but are we building the right infrastructure to deal with future storms? Turkish parliament votes for new web controls, Sony ditches laptops - with David Eades.

THU 22:45 Book at Bedtime (b03tzcjr)

Dubliners

Eveline

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

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

THU 23:00 Brian Gulliver's Travels (b00zdh7k)

Series 1

Sham

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

This week he travels to Sham a country where alternative therapies abound.

Written by Bill Dare
Produced by Steven Canny

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

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

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

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

THU 23:30 Today in Parliament (b03szxyx)

The Government defends its response to the flooding and disruption caused by recent severe storms.

There is a pledge of a further £30 million pounds for repairs and ministers are to look at alternative rail routes to Cornwall.

Ministers say MPs will get a free vote on proposals to ban smoking in cars carrying children.
The Commons debates Scotland and the independence referendum later this year.

And peers hear that the Government will hold an inquiry into the suicides of young people in prison in England and Wales.

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

FRIDAY 07 FEBRUARY 2014**FRI 00:00 Midnight News (b03sbkxn)**

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

FRI 00:30 Book of the Week (b03szwsq)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b03sbkxq)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b03sbkxs)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b03sbkxv)

The latest shipping forecast.

FRI 05:30 News Briefing (b03sbkxx)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b03t02sf)

A spiritual comment and prayer to begin the day with the Rev'd Sharon Grenham-Toze.

FRI 05:45 Farming Today (b03t02sh)

Somerset Levels Evacuation, Farming and Wildlife

The situation in Somerset has reached a new low for some farmers as they are forced to remove their livestock from the Levels. With floodwaters continuing to rise, James and Jenny Winslade have evacuated their farm and found temporary accommodation for 550 cattle. Farming Today's Anna Jones was there as they arrived at Sedgemoor Livestock market. With thousands of acres underwater some farmers on the Levels are also appealing for food and bedding for their animals.

And as Farming Today continues to look at the relationship between farming and wildlife, Caz Graham visits a site in Cumbria that will soon be highlighting that relationship to the public. A 36-acre organic farm on the outskirts of Carlisle was gifted to the Cumbria Wildlife Trust five years ago and plans are underway to develop a million pound visitor and education centre there.

Presented by Charlotte Smith and produced by Lucy Bickerton.

FRI 05:58 Tweet of the Day (b03t02sk)

Great Spotted Woodpecker

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

Chris Packham presents the great spotted woodpecker. In late winter and early spring, brightly-coloured head-bangers are livening up the woods. The handsome Great Spotted Woodpecker really knows how to grab our attention. They don't sing but instead advertise their territories by drumming loudly on the branch or trunk of a tree.

FRI 06:00 Today (b03t02sm)

Morning news and current affairs with Evan Davis in London and Mishal Husain in Porthleven in Cornwall, including:

0725

The National Gallery has acquired its first major American painting, marking a major departure from its collecting policy. The BBC's Will Gompertz discovers more.

0735

David Cameron is to urge Scotland to vote against independence in September's referendum, saying: "We want you to stay." The BBC's Nick Robinson assesses, before former culture secretary Tessa Jowell speaks to presenter Evan Davis.

0745

The chairman of the Environment Agency Lord Smith is set to visit the Somerset Levels for the first time since the floods began. Today's Tom Feilden finds out more.

0755

In an open letter published in the Financial Times and Novaya Gazeta in Russia, former diplomats, politicians and business leaders have urged Russian President Vladimir Putin to open his mind to a new UN Security Council resolution on Syria. David Miliband, head of the International Rescue Committee, gives his analysis of the current situation.

0810

The sea defences at the harbour of Porthleven in Cornwall, where Today is broadcasting from on 7 February, are struggling to combat the power of the incoming Atlantic waves. Mishal Husain discovers more, before speaking to Andrew Wallis, Cornwall County Council cabinet member.

0820

Why is genuine atheism so rare and difficult? Prof Terry Eagleton, author of Culture and the Death of God, and Elizabeth Oldfield, director of Christian think tank Theos, debate.

FRI 09:00 Desert Island Discs (b03sr7dy)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Book of the Week (b03t02x8)

Where Memories Go: Why Dementia Changes Everything

A Peaceful End

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

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

Today: a peaceful end amongst family.

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

FRI 10:00 Woman's Hour (b03t02xb)

Addiction, women in quizzes, Sochi 2014, Jane Drew

Today on Woman's Hour we talk to two women affected by drug abuse in the family, Eleanor Oldroyd tells about which women winter athletes to watch out for at Sochi 2014, Leah Borromeo tells us why she set up @dementia_days, on the day the Jane Drew Prize is awarded we find out just who she was and Judith Keppel tells us why she thinks being in a relationship is more likely to put off women from applying for game shows and quizzes.

FRI 10:45 15 Minute Drama (b03t37cx)

Anna's War

Episode 5

Anna's War
by Lizzie Nunnery

Based on the true story of Russian journalist Anna Politkovskaya who was murdered in 2006. The Drama looks at five key events from 1999 leading up to her murder. Anna is very much focussed on family with the illness of her mother, and death of her father. She wants to help her daughter who is pregnant and looks forward to being a grandmother, when tragedy strikes.

PRODUCED AND DIRECTED by Pauline Harris.

FRI 11:00 Building Bridges - The Art of the Middle 8 (b01s3791)

Midge Ure explores the art and the craft of the bridge, or middle 8, in popular song.

Think of A Day In The Life, Good Vibrations, We Can Work It Out, I'm Not In Love and Born To Run. Each of them features a clever middle section which builds musical tension.

It's not always in the middle and it's not always 8 bars in length, but its job is always to introduce a new element into the song, a new chord sequence or melody, a change in the arrangement or an instrumental solo.

Jazz pianist Neil Cowley traces its origins back to Mozart, musicologist Helen Caddick and journalist David Hepworth discuss the drama a good bridge can create, and songwriters Justin Currie and Boo Hewerdine demonstrate some of the most memorable examples and how they were composed.

Boo even composes a new middle 8 for a famous Bee Gees song which doesn't have one.

Produced by Trevor Dann

A TDC production for BBC Radio 4 first broadcast in 2013.

FRI 11:30 Ayres on the Air (b03t37cz)

Series 5

Beauty

Poet Pam Ayres brings her audience half an hour packed with poems, stories and sketches, this week on the subject of beauty and, that newly-coined term, wellness.

She is joined on stage by Felicity Montagu and Geoffrey Whitehead, with Geoffrey playing her long-suffering husband 'Gordon'.

Pam talks about meeting Phyllis Diller and finding out about 'chin brown', she recalls buying a very unsuitable outfit having admired it on someone else and explains how you know when you've put on a little too much weight.

Poems include: Too Much of a Fag, Did I Turn Off My Tongues?, Had a Little Work Done, Pilates, Once I Was a Looker and So Was My Spouse, and the legendary I Wish I'd Looked After Me Teeth.

Sketch writers: James Bugg, Grainne McGuire, Claire Jones, Andy Wolton and Tom Neenan.
Producer: Claire Jones.

First broadcast on BBC Radio 4 in February 2014.

FRI 12:00 You and Yours (b03t37d1)

Solar panels as a retirement investment

The energy minister, Greg Barker, has suggested that installing solar panels on your home could be a good way to invest for your retirement. He believes they could deliver a better return than a traditional pension. But what are the risks, and what are the best predictions for the long term return on your investment?

Most people know they should switch off the data signal on their mobile phone to avoid big bills when going abroad, but after receiving a £250 pound bill, one You & Yours listener has been told to switch off his 3G every time he goes into his own house.

What are the implications for consumers if Scotland were to become independent? There have been many claims and counter claims during the referendum debate. But are any of these predictions a useful guide to voters?

A disability charity claims that nine out of 10 disabled people feel discriminated against when they buy tickets to watch live music, because the booking systems are so inaccessible. We hear the challenges faced by disabled concert-goers, and how the industry plans to improve access.

Sales of alcohol are falling in the UK, but an exception is sparkling wine. We explore the British passion for bubbly.

Producer: Jonathan Hallewell
Presenter: Peter White.

FRI 12:57 Weather (b03sbkxz)

The latest weather forecast.

FRI 13:00 World at One (b03sbky1)

David Cameron calls on everyone from the rest of the UK to send a message to the people of Scotland to stay in the Union. But do they want to hear from their neighbours? Alex Salmond tells the PM to come North to debate, after taking care of the floods in England. UKIP are looking for a good result in the Wythenshawe by election. Ed Miliband prepares to challenge more vested interests; this time in the public sector. And three months on, the survivors of the typhoon in the Philippines are still dealing with the wreckage. With Edward Stourton.

FRI 13:45 A Brief History of Mathematics (b00ss0lf)

Carl Friedrich Gauss

Marcus du Sautoy argues that mathematics is the driving force behind modern science: German mathematician, Carl Friedrich Gauss.

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

It was the German scientist and mathematician, Carl Friedrich Gauss, who said mathematics was the Queen of Science. One of his many mathematical breakthroughs, the Gaussian or normal distribution, is the lifeblood of statistics. It underpins modern medicine and is a valuable tool in the fight against prejudice.

Producer: Anna Buckley

From 2010.

FRI 14:00 The Archers (b03szxdv)

[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Frances Byrnes - Just Dance (b03t37dw)

What happens when a brilliant dancer loses his will to dance? Frances Byrnes' passionate play is about someone who has stopped moving and needs to move again.

Luke was a brilliant dancer, the star of his generation. Suddenly, without warning, he loses his ability to dance - not physically, but psychologically. He has one last chance to dance onstage - his old company has a big producer in that audience they must impress. But Luke can't cope, he runs to hide in a seedy bar behind the theatre where he meets Guy, an elderly gentleman adamant he will find the love of his life at the party he has heard about in the woods.

Inspired by real non-dancers' stories, and based on workshops at London Contemporary Dance School and Northern School of Contemporary Dance, this new drama takes the audience deep into what makes a dancer tick. The physical compulsion to express oneself through movement and dedicate yourself to relentless, all-consuming dance training is examined in words and movement.

Frances Byrnes is a Sony award winning dance features maker and dramatist. Her adaptation of L P Hartley's *The Go-Between* for BBC Radio 3 was shortlisted in the 2013 Writers Guild Awards.

Cast:
Luke.....John Heffernan
Guy.....Wyllie Longmore
Bea.....Alexandra Mathie
Debs.....Carla Henry
Dancer.....Akeim Toussaint Buck

With thanks to Peter Lovatt, Ihsaan de Banya, Veronica Lewis, Naomi Thomas and London Contemporary Dance School; Janet Smith, Ceri Brierley and Northern School of Contemporary Dance.

Written by Frances Byrnes
Producer/director: Polly Thomas

A Somethin' Else production for BBC Radio 4

FRI 15:00 Gardeners' Question Time (b03t37gt)

Portmeirion

Eric Robson and the panel visit the Italianate village of Portmeirion, North Wales. Answering questions from Hercules Hall are Matt Biggs, Christine Walkden and Matthew Wilson.

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

This week's questions and answers:

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

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

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

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

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

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

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

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

Q. Why do I have problems planting snowdrops?

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

FRI 15:45 The BBC and All That (b01nxzc)

Episode 1

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

This year, 2012, is not just the 90th anniversary of the BBC, but also the 80th of its move from Savoy Hill to the now iconic Broadcasting House.

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

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

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

Abridged and Produced by Neil Cargill

A Pier production for BBC Radio 4.

FRI 16:00 Last Word (b03t37gw)

Philip Seymour Hoffman, Jose Sulaiman, Anna Gordy Gaye, Ron Hall, Peter Austin

Matthew Bannister on

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

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

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

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

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

FRI 16:30 Feedback (b03t37jx)

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

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

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

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

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

Producer: Karen Pirie
A Whistledown production for BBC Radio 4.

FRI 17:00 PM (b03t37jz)

Full coverage and analysis of the day's news.

FRI 18:00 Six O'Clock News (b03sbky3)

The latest national and international news from BBC Radio 4.

FRI 18:30 The Now Show (b03t3dvv)

Series 42

Episode 5

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

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

FRI 19:00 The Archers (b03t3dvx)

Kirsty and Tom have visited Cathridge Hall as a possible reception venue. Pat feels Helen is punishing her by keeping Henry away. Tony learns of Rob inheriting one of Jack's dinner jackets from Peggy - now Tony feels he's not even worthy of Jack's cast offs.

Kenton tells Jill about the double event at the Bull for Valentines - he feels Jolene's Singles' Night will be a shambles.

Tony presses Tom about Cathridge Hall. The venue's not available, but it's clear Tom's looking for an alternative to the farm. Tom reveals that he and Kirsty are looking for a house away from the farm. Tony's stunned.

Jill comes into the Bull for a drink and Kenton senses she's vulnerable. Tony reminds Jill of the burglary and says there's no shame in admitting she has been affected by it.

Helen tells Tom she couldn't sleep last night - it was strange being in the cottage alone. Reunited with Rob, she tells him she didn't sleep well. She suggests that they get a new bed, as theirs is old and rather saggy. But Rob says there's no need to replace it.

Pat finds Tony outside in the yard. It seems that all they have left is each other - and a big empty silence.

FRI 19:15 Front Row (b03t3dvz)

Wilko Johnson and Roger Daltrey; Barkhad Abdi; Salamander

With John Wilson.

Wilko Johnson and Roger Daltrey of The Who have teamed up for a new project. Since he was diagnosed with terminal cancer last year, Wilko has been collaborating with Daltrey on an album, *Going Back Home*. They talk about their shared musical interests and Roger explains why Wilko reminds him of a young Pete Townsend.

John talks to first time actor and former limo driver Barkhad Abdi, whose extraordinary performance as a Somali pirate in the film *Captain Phillips* opposite Tom Hanks has earned him Oscar, Golden Globe and Bafta nominations.

Salamander is the latest Euro-thriller to arrive on British TV - this time from Belgium, and in Flemish. Disguised as builders, a gang rob a top Belgian bank - but the burglars only target a small handful of the vaults, the ones belonging to the country's industrial, financial, judicial and political elite. These stolen safe-deposit boxes contain secrets that could bring down the nation. Crime writer Dreda Say Mitchell reviews.

Hans Haacke and David Shrigley will be the next two artists to display their work on Trafalgar Square's fourth plinth. Haacke's sculpture of a horse's skeleton will go up in 2015, followed by Shrigley's giant thumbs up in 2016. Both artists discuss developing an idea for one of London's busiest civic spaces and explain why humour is important in public art.

Producer: Olivia Skinner.

FRI 19:45 15 Minute Drama (b03t37cx)

[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b03t3dw1)

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

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

FRI 20:50 A Point of View (b03t3dw3)

Twitter-Free

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

Producer: Sheila Cook.

FRI 21:00 Saturday Drama (b00rd3ws)

Playing With Trains

Episode 1

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

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

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

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

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

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

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

Producer/Director Peter Leslie Wild.

FRI 21:58 Weather (b03sbky5)

The latest weather forecast.

FRI 22:00 The World Tonight (b03t3dyc)

Thousands of Muslims flee Christian violence in the capital of the Central African Republic, escorted by Chadian troops; we hear from Human Rights Watch in Bangui. Violent protests spread in Bosnia over economic hardship; we get the latest from Sarajevo. The latest also on the flooding in southern England. The tribulations of Spain's royal family. And what's in a country's name? We discuss the pros and cons of changing Kazakhstan's. Presented by David Eades.

FRI 22:45 Book at Bedtime (b03tzcmm)

Dubliners

After the Race

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

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

FRI 23:00 A Good Read (b03szh9c)

[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Today in Parliament (b03t3f6v)

Mark D'Arcy with a round-up of the day in Westminster, where peers discussed making it easier for service personnel to claim UK citizenship and an MP explains why an outside job is a good thing.