SATURDAY 18 OCTOBER 2014

SAT 00:00 Midnight News (b04l01tg)

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

SAT 00:30 Germany: Memories of a Nation (b04k6rm5) 1848: The People's Flag and Karl Marx

Neil MacGregor reflects on the events of 1848, when black, red and gold became the colours of the flag for a united Germany, and Karl Marx and Friedrich Engels published The Communist Manifesto.

Producer Paul Kobrak.

SAT 00:48 Shipping Forecast (b04l01tj)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b04101th)

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

SAT 05:20 Shipping Forecast (b04l01tn)

The latest shipping forecast.

SAT 05:30 News Briefing (b04l01tq)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b04l3lzs)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies.

SAT 05:45 iPM (b04l01ts)

'We don't pay ransoms. Do not take Brits or we will come and get you.' A listener with personal experience talks to iPM about how the British deal with hostage situations. Presented by Eddie Mair. Email iPM@bbc.co.uk.

$\it SAT$ 06:00 News and Papers (b04l01tv)

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

SAT 06:04 Weather (b04l01tx)

The latest weather forecast.

SAT 06:07 Ramblings (b04l3br1)

Series 28

The Dales Way, Part Five

Clare Balding is now really into her stride as she comes close to the end of her journey along The Dales Way, walking from Dent to Sedbergh. The route is one of the most popular in England and enjoyed by thousands every year, mainly thanks to the enthusiastic group of volunteers who run The Dales Way Association. Today she walks with two of their members, Chris Grogan and Kath Doyle who explain why this route means so much to them.

Producer: Lucy Lunt.

SAT 06:30 Farming Today (b04lp3x1)

Farming Today This Week: National Fruit Show

As the English apple harvest draws to a close, Farming Today This Week looks at the business of growing and selling fruit. Charlotte Smith visits the National Fruit Show near Maidstone in Kent, and finds out what makes a winning apple. UK growers have had a good harvest this year, so Charlotte asks whether there is enough British-grown fruit available in our shops, and discovers why some varieties will always be imported.

Presented by Charlotte Smith and produced by Emma Campbell.

SAT 06:57 Weather (b04l01tz)

The latest weather forecast.

SAT 07:00 Today (b04lp3x3)

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

SAT 09:00 Saturday Live (b04lp3x5)

Bryan Adams

Presented by Suzy Klein and Richard Coles

International rock star Bryan Adams talks about his career as a photographer with the likes of his musical hero Ray Charles and his latest project with wounded soldiers.

Change and transformation, too, for Lee Spencer. An Afghanistan and Iraq veteran, he describes how he lost a legnot on the battlefield but while being a good Samaritan on a British motorway.

Turner prize winning artist Martin Creed talks about trousers with JP Devlin.

Maths teacher turned stand-up comedian Matt Parker on how to cut a pizza with a mathematical formula so rigorous everyone gets exactly the same amount of topping.

Kenny Clark is a football referee who in 2001 took charge of Africa's biggest and arguably most hotly contested derby. He explains how the Cairo showdown between Egyptian sides Al Ahly and Zamalek is so fierce that foreign referees are brought in.

Tennis player turned romantic novelist Alice Peterson on how her sporting career was stopped in its tracks when she was diagnosed aged 18 with rheumatoid arthritis.

And the Inheritance Tracks of John Peel's widow, Sheila Ravenscroft, who chooses Panis Angelicus by César Franck and You Little Thief by Feargal Sharkey.

Wounded: The Legacy of War - A photography exhibition by Bryan Adams runs at the Terrace Rooms, Somerset House, London from 12 November 2014 - 25 January 2015.

Martin Creed has contributed to Frieze's free sculpture park, which runs until 18 October.

Things to Make and Do in the Fourth Dimension by Matt Parker, published by Particular Books.

One Step Closer to You by Alice Peterson, published by Quercus Books.

You can hear Sheila Ravenscroft talking to Jarvis Cocker about John Peel's legacy, both in tons of vinyl and the arts centre in Stowmarket named after him, on Radio 4 Extra this morning (sat) until 11.30am or from 7pm this evening.

Producer: Louise Corley.

SAT 10:30 Ivy Benson: Original Girl Power (b04lp3x7)

Melanie Chisholm celebrates the musical legacy of British band leader Ivy Benson - who rose to fame in the 1940s with Her All Girl Band - and speaks to some of the surviving members from that era.

Ivy Benson was a gutsy and glamourous woman. 50 years before Melanie was shouting about Girl Power as a member of The Spice Girls, Ivy her band members were risking their lives entertaining Allied troops in war-torn Europe and fighting their very own battle of the sexes back at home.

She was born in Holbeck, Leeds in 1913 and formed her all girl band in 1939 in an attempt to address the inequalities in pay between male and female musicians. Within a few years, Ivy rose to become one of the Britain's best known band leaders with bookings 52-weeks-a-year at top venues including the London Palladium

In 1943, Ivy won a prestigious contract to become one of the BBC's resident dance bands. This appointment caused controversy in the male dominated musical establishment and led to what became known as The Battle of the Saxes. The Band Leaders Section of the Musicians' Union even sent a delegation to Broadcasting House to complain about Ivy's appointment.

"Speaking from personal experience, I find it incredibly inspiring to hear of Ivy's story. It seems a real shame she isn't better known to my generation. I hope this programme goes a little way to change that. She certainly was the originator of Girl Power!" (Melanie Chisholm).

Contributors include Joyce Clark, June Smith, Margaret Chappell, Gloria Russell, Sylvia England and Patsy O'Hara, who were all members of Ivy's band during its heyday of the 1940s.

Producer: Clair Wordsworth

A Sue Clark production for BBC Radio 4 first broadcast in October 2014.

SAT 11:00 The Week in Westminster (b04lp3x9)

Isabel Hardman of the Spectator takes soundings on doubts about Ed Miliband. She talks to Douglas Carswell about going back to the Commons for UKIP. Will the party leaders agree to

TV debates in the general election? And can Labour stop the growth of the Greens?

The Editor is Peter Mulligan.

SAT 11:30 From Our Own Correspondent (b04l01v1) Spectres of Afghanistan

The past looms large over Afghanistan's new leader — Fergal Keane says the scale of the task he faces is immense; as civil war rages in Libya, Tim Whewell finds a corner of calm and tolerance amid a country full of discord and violence. Do institutions like the European Union make nationhood increasingly irrelevant? That was on Martin Buckley's mind in Corsica where an armed struggle for independence seems to be losing support. As Tehran and the West sit down to talk about Iran's nuclear ambitions, Diana Darke's been finding out how Iranians revel in the words of a poet who's been dead for six hundred years. And Hugh Schofield knows how to unearth the secrets of a stately home with a history — he asked the butler!!

SAT 12:00 News Summary (b04l01v3)

The latest national and international news from BBC Radio 4.

SAT 12:04 Money Box (b04l01v5)

David Cameron on Pension Freedoms

Paul Lewis interviews David Cameron about plans to allow savers to make tax-free withdrawals from their pension funds whenever they want. Critics say there's a risk people will spend their retirement money too soon or fall into the hands of investment sharks. So why is the Prime Minister so sure it makes financial sense? Paul also gets a view from the pensions industry, discussing the detail of how it all might work with Alan Higham, retirement director at Fidelity.

Students are already burdened with tens of thousands of pounds of debt from Government loans for their tuition fees and living costs. But in addition they are being targeted by payday lenders trying to lend them expensive, short-term debt as well. One debt charity reports that the number of students seeking help with payday loan debts has doubled every year. And this week the Chief Financial Ombudsman, Caroline Wayman, told a parliamentary committee that she was worried about students using payday loans - Paul Lewis asks her what problems she's seeing.

Eight years ago this week the Christmas saving club called Farepak collapsed into administration, taking with it £37 million carefully saved up by more than 100,000 members. After years of campaigning the victims eventually got 50p for every £1 they'd squirreled away. But they've been less successful in their demand to get all Christmas club funds protected in future if the company running them went bust. Reporter Hannah Moore looks at Christmas clubs large and

Share prices have been on a long six week fall. By Thursday night the FTSE index of our 100 biggest companies was down ten per cent since September 4th. And tracker funds which follow the index were down slightly more: 11%, because of the fees they charge. Yesterday, shares rallied leaving the price about 8% down. But still a substantial six week loss if that's where your money is. So what's causing it? And for the many people without investments does it matter? Paul Lewis talks to Justin Urquhart-Stewart of Seven Investment Management.

Producer: Ruth Alexander.

SAT 12:30 The Now Show (b04l3lxy) Series 44

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Steve Punt and Jon Culshaw are joined by special guest Nish Kumar for a comic romp through the week's news. With Laura Shavin, Mitch Benn and Jon Holmes.

Written by the cast, with additional material from Gareth Gwynn, Carrie Quinlan and Chris Coltrane. Produced by Alexandra Smith.

SAT 12:57 Weather (b04l01v7)

The latest weather forecast.

SAT 13:00 News (b04l01v9)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b04l3ly4)

Lord Heseltine, Chuka Umunna MP, Frances O'Grady, James Delingpole

Supported by bbc.co.uk/programmes/

Jonathan Dimbleby presents political debate and discussion from the Thame Arts & Literature Festival with Conservative peer Lord Heseltine; Shadow Business Secretary Chuka Umunna MP; the General Secretary of the TUC, Frances O'Grady; and the columnist and author James Delingpole.

Producer: Lisa Jenkinson.

SAT 14:00 Any Answers? (b04l01vc)

Minimum wage for people with disabilities

Have your say on the issues discussed on Any Questions?

Minimum wage for people with disabilities

Call: 03700 100 444 (Calls will cost no more than calls to 01 and 02 geographic landlines. Lines open Sat **12:30**- 1430). Text: 84844

Tweet: Follow us @BBCAnyQuestions or using #bbcaq Email: anyanswers@bbc.co.uk

Presenter: Anita Anand Producer: Alex Lewis.

SAT 14:30 Saturday Drama (b0076htk)

Under Milk Wood

A special chance to hear the highly-acclaimed 2003 production of this classic 'play for voices', celebrating the centenary of the birth of Dylan Thomas. Richard Burton's unforgettable 1963 performance as First Voice is remixed with Sian Phillips as Second Voice and an all-Welsh cast, including early appearances by Ruth Jones and Matthew Rhys, and a cameo role from John Humphrys. The play is a comic, affectionate and mischievous portrait of a day in the life of the mythical Welsh village of Llareggub (read it backwards) and has become one of the most famous radio plays ever written.

Groundbreaking from its first performance in New York City in 1953, the play won the Prix Italia for its innovative style in its first BBC recording 60 years ago. The 2003 production was streamed in 5.1 surround sound and now that 5.1 mix will be available on the Radio 4 website in an experimental player during the broadcast and for 30 days after that.

Composer John Hardy Musicians Paula Gardiner, Lee Goodall, Dewi Watkins

Sound design Nigel Lewis Director Alison Hindell.

SAT 16:00 Woman's Hour (b04lp3xc)

Weekend Woman's Hour: Vivienne Westwood, Gemma Arterton

Dame Vivienne Westwood talks about punk, politics and a career in fashion that has spanned five decades.

Technology giants Facebook and Apple are to help female employees in the US to pay for the cost of freezing their eggs. So does this level the playing field for women who want to delay motherhood until their career is further advanced or does this make a problem out of women having children?

Are our murder laws sexist? Jeremy Horder, Professor of criminal law at the London School of Economics says his research seems to suggest courts are more lenient on a man who kills his partner when she's been unfaithful.

The children's author Kate Saunders discusses her new book â¢" a sequel to E Nesbit's '5 Children and It'. Gemma Arterton tells us about her starring role in the new West end musical Made in Dagenham. US blogger Linda Tirado discusses her rise to fame after her blog on being poor went viral.

And Baroness Shirley Williams and Eve Pollard discuss combining a demanding job with being a hands-on grandmother.

Presented by Jane Garvey Produced by Rabeka Nurmahomed Edited by Jane Thurlow.

SAT 17:00 PM (b04l01vf)

Saturday PM

Full coverage of the day's news.

SAT 17:30 The Bottom Line (b04l3cmq)

TripAdvisor Etc

Online postings about hotels, restaurants, hairdressers, electricians: How much can you trust the views of a total stranger when it comes to deciding what to buy, where to go and whose skills and services to employ? How do review sites monitor their online ratings and ensure they're genuine? Evan Davis and guests discuss the power of user-generated reviews that can make or break a business. What can firms do to limit the damage of a bad review and how can they maximise a positive review?

Guests:

Stephen Kaufer, President and CEO, TripAdvisor

Colleen Curtis, Vice President, European Marketing, Yelp

Kevin Byrne, Founder and CEO, Checkatrade

Producer: Sally Abrahams.

SAT 17:54 Shipping Forecast (b04l01vh)

The latest shipping forecast.

SAT 17:57 Weather (b04l01vk)

The latest weather forecast.

SAT 18:00 Six O'Clock News (b04l01vm)

The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b04lp3xf)

Graham Norton, Jamie Cullum, Mira Sorvino, Angela Barnes, Scottee, Eliza Shaddad

A decade after his first autobiography, 'So Me', comic and presenter Graham Norton's new memoir is a work on the theme of love. Graham and Clive discuss 'The Life and Loves of a He Devil' - the story of Graham's loves and obsessions from childhood to present day.

Clive talks to Academy Award and Golden Globe winning actress Mira Sorvino (Mighty Aphrodite) about starring in contemporary supernatural drama series 'Intruders', set in the moody Pacific Northwest.

Clive's co-host Scottee chats with award winning broadcaster, song-writer and musician Jamie Cullum, whose seventh album 'Interlude' has enabled Jamie to pursue another passion; photography: Jamie's been developing his skills behind the lens, taking shots of the people and places he encountered on his recent US tour. He performs 'Make Someone Happy' from 'Interlude'.

Clive's funny bone is tickled by comedian Angela Barnes, whose debut solo show, 'You Can't Take It With You' took the Edinburgh Fringe by storm this summer. After a career in health and social care, Angela decided to realise a long held ambition and give comedy a go and within a year she had won the 2011 BBC New Comedy Award.

With more music from Eliza Shaddad who performs 'Waters' from her EP of the same name

Producer: Sukey Firth.

SAT 19:00 Profile (b04l01vp)

Richard Flanagar

Writer Richard Flanagan is the 2014 winner of the Man Booker Prize. His novel "The Narrow Road to the Deep North" is a story set among prisoners of war, forced by the Japanese to work on the Thai-Burma "death" railway. Presenter Becky Milligan looks into Flanagan's life in his native Tasmania where he is a prominent environmental campaigner and a regular at the local pub. She talks to Flanagan's close friends and relatives including his brother Martin Flanagan, leading film actress Kerry Fox and publisher Nikki Christer.

Producer: Smita Patel.

SAT 19:15 Saturday Review (b04l01vr)

Here Lies Love, Palo Alto, Life Story, Being Mortal, Germany at the British Museum.

Here Lies Love is David Byrne and Fatboy Slim's disco musical that tells the life story of the former First Lady of the Philippines Imelda Marcos, from poverty to the Presidential Palace. Is she a suitable subject for a musical?

Gia Coppola is the grand-daughter of Hollywood titan Francis Ford Coppola and her debut film Palo Alto has just been released in the UK. Does this film show the kind of promise that she might have what it takes as a director to match her aunt Sophia or even her grandfather?

David Attenborough's ninth 'Life' series begins on BBC1 this week. Life Story follows animals from all over the world on

their journey through life. Can Sir David breathe new life into an established and much-loved format?

US surgeon and writer Atul Gawande's latest book Being Mortal is about how to make the process of dying as good as possible. Have we lost sight of the needs of the patient in the last moments of their life; trying to make them live longer rather than better?

To celebrate 25 years since the fall of The Berlin Wall, The British Museum's major new exhibition 'Germany: Memories of a Nation' tries to encapsulate 600 years of German history. Which items should be included to reflect the vitality of one of Europe's most important nations.

Razia Iqbal is joined by Alex Preston, Abigail Morris and Cahal Dallat. The producer is Oliver Jones.

SAT 20:00 Archive on 4 (b04mqt7h)

Speaking as a Member of the Public

Man on the Street. Tom, Dick and Harry. The Man on the Clapham Omnibus. The Voice of the People. For decades, "ordinary people" have been stopped in the street to give interviewers their opinions on diverse subjects in the ubiquitous format of the vox pop. Why?

Comedian and writer Danny Wallace revisits decades of television and radio archives to listen again to the multitude who happened to be walking down the street when a reporter needed a random opinion about soap flakes or capital punishment.

It all began in 1930s America, with the programme Vox Pop in Houston, Texas where a presenter literally ran a microphone cable out of the radio station window to interview people on the street. However, the technique didn't become a regular feature of British broadcasting until the 1960s. Now, it's impossible to turn on the news without hearing at least one neatly randomised set of opinions from members of the Great British Public.

Danny considers why the vox pop is so omnipresent, what "the public" actually means and why we need the views of so many ordinary people on radio and TV. BBC voxing queen Esther Rantzen looks back on the thousands of people she buttonholed for That's Life. Comedian Charlie Higson considers why comedy ran away with the format. Deputy Director of BBC News Fran Unsworth makes a serious case for the use of seemingly random opinions in news programmes. Deputy Political Editor James Landale, tells Danny about a strange vox he conducted that recently went viral. We also hear from Greg Packer, native New Yorker who's been voxed so many times that the Associated Press had to ban him from being quoted.

Produced by Colin McNulty A Testbed production for BBC Radio 4.

SAT 21:00 Classic Serial (b04l065l)

For Whom the Bell Tolls

Episode 1

High in the pine forests of the Spanish Sierra, a young American volunteer prepares to blow up a vital bridge as part of a Republican offensive during the Spanish Civil War. There, in the mountains and surrounded by the enemy, he camps with a band of guerrillas tasked with helping him. But he soon makes a dangerous enemy within the camp and, despite his better judgement, is drawn to Maria, a young woman who has escaped Franco's rebels.

Narrator Colin Stinton
Robert Jordan Patrick Kennedy
Pablo . . . Ralph Ineson
Pilar . . . Melanie Kilburn
Maria . . . Leah Brotherhead
Anselmo . . . Michael Bertenshaw
Agustin . . . Paul Heath
Rafael . . . Shaun Mason

Rafael . . . Shaun Mason
El Sordo Ian Conningham
Primitivo David Acton
Andres . . . Arthur Hughes
Fernando Monty D'Inverno

By Ernest Hemingway Adapted by Ed Hime

Director: Sasha Yevtushenko

First broadcast on BBC Radio 4 in October 2014.

SAT 22:00 News and Weather (b04l01vt)

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

SAT 22:15 Moral Maze (b04l10jy)

Talking to Terrorists

Former US vice president Dick Cheney famously said "we don't negotiate with evil - we defeat it." Unfortunately history is not on his side. It seems that almost every time a new terrorist group comes along and we declare we'll never negotiate with them, we end up doing just that. The IRA, the PLO, Taliban, Hamas to name a few - we've eventually talked to them all. So why not talk to ISIS? Policymakers understandably respond with righteous anger and determination after a horrible event. Negotiations can give legitimacy to terrorists and their methods and set a dangerous precedent. Yet terrorists are rarely, if ever, defeated by military means alone. ISIS may seem to be well beyond the pale at the moment, but will that always be the case? And how do we make that judgement? A former director of the Israeli security agency Shin Bet has said he'd advocate talking to anyone - even the Iranians. That way, he said "we discover they don't eat glass and they that we don't drink petrol." Are people's lives being sacrificed as conflicts drag on because we refuse to talk to preserve our moral purity? Or do we have to take a stand between right and wrong, good and evil when it comes to a group such as ISIS? Should we - can we - balance the forces of pragmatism and principle when it comes to the prospect of talking to terrorists? Moral Maze - Presented by Michael Buerk

Panellists: Matthew Taylor, Michael Portillo, Claire Fox and Anne McElvoy

Witnesses: James Fergusson, Dr John Bew, Jonathan Moore and Baroness Pauline Neville-Jones

Produced by Phil Pegum.

SAT 23:00 Counterpoint (b04l0gdn)

Series 28

Episode 4

(4/13)

Russell Davies is in the questionmaster's chair for the fourth heat in the current series of the wide-ranging music quiz. Three contestants answer questions on every genre of music, from every era of the classical repertoire through to jazz and show tunes, film music, rock and pop.

This week's contest comes from Salford and the competitors are from Sunderland, Chester and the Wirral.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b04l065q)

Four Midlands Poets

Roger McGough and four Midlands poets are on stage at the Birmingham Literature Festival to read their favourite poems of the region along with new ones of their own. The poets are Bohdan Piasecki, Stephen Morrison-Burke, Jacqui Rowe and Liz Berry. Birmingham will rarely have sounded brighter. Producer: Tim Dee.

SUNDAY 19 OCTOBER 2014

SUN 00:00 Midnight News (b04lp4yh)

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

SUN 00:30 Brazilian Bonanza (b03c4839)

Asi Es La Vida - That's Life

Rebecca Callard reads Paloma Vidal's short story Asi Es La Vida - That's Life in which a filmmaker returns to her past to research her next project.

Asi Es La Vida - That's Life is first published in English in the October 2013 issue of the storytelling magazine, Litro, which this month focuses on contemporary women's writing from Brazil.

Paloma Vidal is the author of the novels Mar azul (Rocco, 2012) and Algum lugar (7Letras, 2009) and the short story collections Mais ao sul (Lingua Geral, 2008) and A duas mãos (7Letras, 2003). She is a professor of literary theory at the Federal University of São Paulo and an editor of Grumo magazine. She lives in São Paulo.

Hilary Kaplan is a poet and translator of Brazilian poetry and fiction. She received a 2011 PEN Translation Fund award for her translation of Rilke Shake by Angélica Freitas.

Abridged and produced by Elizabeth Allard.

SUN 00:48 Shipping Forecast (b04lp4yk)

The latest shipping forecast

SUN 01:00 Selection of BBC World Service Programmes (b04lp4ym)

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

SUN 05:20 Shipping Forecast (b04lp4yp)

The latest shipping forecast

SUN 05:30 News Briefing (b04lp4yr)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b04lp624)

The bells of the Parish Church of St Mary, Bishopstoke in Hampshire.

SUN 05:45 Profile (b04l01vp)

[Repeat of broadcast at 19:00 on Saturday]

SUN 06:00 News Headlines (b04lp4yw)

The latest national and international news.

SUN 06:05 Something Understood (b04lp626)

George Herbert

George Herbert provided the series Something Understood with its title and so is, in a sense, the programme's literary patron. Mark Tully presents a celebration of the seventeenth century metaphysical poet's life and work in conversation with his latest biographer John Drury, and discusses the relevance Herbert can still have for us today.

There are readings of Herbert's work and the music his verse has inspired. The featured authors and composers include Vikram Seth, T S Eliot, Alec Roth, Sandy Denny and Vaughan Williams.

The readers are Jane Whittenshaw, David Westhead and Francis Cadder

Produced by Frank Stirling A Unique production for BBC Radio 4

SUN 06:35 On Your Farm (b04lp628)

The Disease That Ended a Herd

Disease can have a devastating impact on livestock farms as Duncan Maughan and his family in north east Cumbria know all too well. For the last two years their dairy herd has been infected by two strains of a rare disease called Mycoplasma; the combination of those two strains proved difficult to diagnose and impossible to treat and the cows have been slowly wasting away with failing fertility & milk yields, as well as numerous other ailments and crippling septic arthritis. It's cost the farm more than a million pounds, they're not insured for it and now it's so bad Duncan has finally taken the difficult decision to cull what's left of the herd. Caz Graham joins him as he milks his cows for the last time and sees his stock shipped off to the abattoir. She hears the family's disappointment and frustration at the lack of support they feel they've had from DEFRA and the Animal and Plant Health Agency, the government body responsible for identifying and controlling disease in farm animals and hears how those bodies respond. And she hears about the uncertain future facing a family who feel this disease has cost them everything.

SUN 06:57 Weather (b04lp4yy)

The latest weather forecast

SUN 07:00 News and Papers (b04lp4z0)

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

SUN 07:10 Sunday (b04m3rrs)

The morality of tax; Cardinal Vincent Nichols; the Chief Rabbi

As the Catholic Synod on the family draws to a close in the Vatican, Andrew Fletcher speaks to engaged and newly married couples in the final part of a series exploring the attitudes of ordinary Catholics towards Church teaching.

Cardinal Vincent Nichols discusses the Extraordinary Synod with Edward Stourton from Rome.

Monsignor Robert Vitillo, who has recently returned from Liberia, explains why he is comparing Ebola with the early days of HIV. On Monday Christian Aid will launch the report Tax and Theology. Edward speaks to Angus Ritchie, East London Priest and co-author of the report.

Trevor Barnes reports on how hospitals and hospices are adapting their services to respond to religious and cultural needs for relatives and patients at the end of their lives.

Chief rabbi Ephraim Mirvis talks to Edward about ShabbatUK which is calling on Jews across the UK, regardless of their level of religious observance, to celebrate a Shabbat unlike any other.

The BBC's Chris Ewokor in Abuja gives the latest on the Nigerian government and Boko Haram's ceasefire and the fate of the missing school girls.

Producers Carmel Lonergan David Cook

Editor Amanda Hancox

Contributors

Cardinal Vincent Nichols Monsignor Robert Vitillo Angus Ritchie Chief Rabbi Ephraim Mirvis.

SUN 07:55 Radio 4 Appeal (b04lp62b)

Unseen

Emilia Fox presents The Radio 4 Appeal for Unseen, a charity that helps survivors of human trafficking by providing a 24/7 safe-house where they can rebuild their lives. The charity also trains police and health workers to identify victims and works with government at a strategic level to shape policy and take effective action.

Registered Charity No 1127620

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

SUN 07:57 Weather (b04lp4z2)

The latest weather forecast.

SUN 08:00 News and Papers (b04lp4z4)

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

SUN 08:10 Sunday Worship (b036jc44)

'God's Grandeur'

Live from Eton College Chapel.

Senior Chaplain Canon Keith Wilkinson explores the themes of faith, celebration, loss and suffering to be found in the poetry of Gerald Manley Hopkins.

With music from singers on the first of this year's Eton Choral courses.

Director of Music: Tim Johnson

Organist: David Goode Producer: Simon Vivian.

SUN 08:48 A Point of View (b04l3ly6)

The Football Fallacy

Adam Gopnik explains why the English are better at watching football than they are playing it and why the Americans are better at talking about democracy than they are at practising it.

"Call this the Constructive Fallacy of the Secondary Activity - or, perhaps, The Delusion of Mastery through Proximity."

Producer: Sheila Cook Editor: Richard Knight.

SUN 08:58 Tweet of the Day (b04hkxj9)

Galapagos Mockingbird

Tweet of the Day is the voice of birds and our relationship with them, from around the world.

Miranda Krestovnikoff presents a bird which intrigued Darwin, the Galapagos mockingbird. There are four species of Mockingbird in the Galapagos islands, which probably all descended from a single migrant ancestor and then subsequently evolved different adaptations to life on their separate island clusters, hence their fascination for Charles Darwin. The most widespread is the resourceful Galapagos Mockingbird. Unlike other mockingbirds which feed on nectar and seeds, the Galapagos mockingbird has adapted to its island life to steal and break into seabird eggs and even attack and kill young nestlings. They'll also ride on the backs of land iguanas to feed on ticks

deep within the reptiles' skin and will boldly approach tourists for foot. They aptly demonstrate the theory of the "survival of

SUN 09:00 Broadcasting House (b04lp4z6)

Sunday morning magazine programme with news and conversation about the big stories of the week.

SUN 10:00 The Archers Omnibus (b04lp6vd)

Phoebe is on the move, and Adam discovers the truth

SUN 11:15 Desert Island Discs (b04mgsj9) Debbie Wiseman

Kirsty Young interviews the composer Debbie Wiseman.

Her work is wide ranging, but her talents are most often employed in crafting lyrical, melodic scores for film and TV. Her credits include Land Girls, Judge John Deed, Haunted and Father Brown. Now a visiting Professor at the Royal College of Music, her unlikely introduction to the piano came at the age of 8 when she found a bashed up old instrument sitting in the corner of a hotel dining room.

Producer: Isabel Sargent.

SUN 12:00 News Summary (b04lp4z8)

The latest national and international news from BBC Radio 4.

SUN 12:04 The Museum of Curiosity (b04l0gdy) Series 7

The Professor of Ignorance John Lloyd welcomes his latest curator Phill Jupitus

With the hugely knowledgeable co-star of Pointless and author Richard Osman; author and professor Kevin Dutton; and the Natural History Museum's curator of Solanaceae (the order of plants that includes potatoes, tomatoes and deadly nightshade) Dr Sandra Knapp.

The Museum's Steering Committee discusses:

- Why psychopaths don't seem to blink
- * Why cushions on beds are the most pointless things in existence
- How an 18th century Swedish botanist knew everything
- * The evolutionary advantages of smiling * The confectionary milestone that was Cadbury's Dairy Milk
- * the culinary revolution of freeze-dried potatoes that taste of

Researchers: James Harkin and Stevyn Colgan of OI.

Producers: Richard Turner and Dan Schreiber

First broadcast on BBC Radio 4 in 2014.

SUN 12:32 The Food Programme (b04lpd9r) In a Stew about Rabbits

Sheila Dillon discovers the delights of eating rabbit meat, but also why some people think it is unjustifiable

Dil Peeling from Compassion in World Farming gives details on their latest report into conditions on rabbit farms on the continent. We hear from the Knowle West Media Centre about the culture of catching wild rabbits. And Sheila hears from Peter Rigby, a young farmer near Chippenham who is going to start a free range rabbit farm.

Dan Saladino also spends a morning cooking with chefs Barny Haughton and Oliver Pratt to find out how to cook it, and just how delicious the meat can be

Presented by Sheila Dillon and produced in Bristol by Emma

SUN 12:57 Weather (b04lp4zb)

The latest weather forecast

SUN 13:00 The World This Weekend (b04lp4zd)

Global news and analysis; presented by Mark Mardell.

SUN 13:30 The Waiting (b04dmxw6)

Waiting is an inescapable fact of life - it invades so much of our daily activity. We barely notice that we are waiting, unless the wait is accompanied by frustration, impatience, boredom,

restlessness and helplessness. The pleasurable acts of waiting often pass us by.

The physician and writer Raymond Tallis examines the nature of waiting - how it operates and how it causes both pleasure and

He considers the ways in which waiting plays with our sense of time. He looks at how waiting invades the workplace and is frequently used as a way of exerting power. He describes the various ways in which waiting is used in music and literature and how it appears in the language of love. He talks to a prisoner about the life of waiting and considers the role of waiting within spiritual life.

Why do we wait? And how best should we be waiting?

Producer: Anthony Denselow

A Kati Whitaker production first broadcast on BBC Radio 4 in

SUN 14:00 Gardeners' Question Time (b04l3lxt) Anglesey

Eric Robson chairs the panel programme from Anglesey. Toby Buckland, Bob Flowerdew and Anne Swithinbank take questions from a local audience.

Produced by Howard Shannon Assistant Producer: Darby Dorras

A Somethin' Else production for BBC Radio 4

This week's questions and answers:

- Q. What is the best way to keep a Venus Fly Trap alive in the absence of winter flies?
- A. Keep it in a cool, well-ventilated, frost-free place perhaps a windowsill. Only water it a little bit and don't feed it. Nip of the buds off in the winter and wait until spring to let it flower.
- Q. After fruiting well, my strawberries are in full flower again. Should I cut these flowers off?
- A. They will fruit and ripen with the help of a bit of warmth (perhaps move them into the greenhouse), but the plant will be using up the energy it would have reserved for next year's crop.
- Q. I'm from Yorkshire, and yet I can't grow Rhubarb. What can
- A. Buy virus free clones, plant them in partial sun, partial shade. Don't plant it in waterlogged areas or over rock. Plant them somewhere they can put down deep roots and prepare the soil with manure. You could also try growing Rhubarb from seed the 'Glaskin's Perpetual' variety works well from seed.
- O. Am I going to live to regret not removing the stubs of trees along a bank where I'm planting shrubs and perennials?
- A. Leave the stubs in but pull out the suckers. The roots of the trees will help hold the bank together but put in plants with roots that will also help keep the bank together: Cotoniasters -Dameri or Periwinkle varieties.
- Q. My mature Olive tree bears no fruit. What can I do?
- A. There are specific varieties for northern climates but sticking to your existing tree, all you can do is encourage it with high-potash feed and prune it.
- Q. My cabbages are splitting. How can I stop this?
- A. Cabbages like good firm soil. Keep them well watered through dry spells
- Q. I live in a wet and windy village high above sea level. What perennials can I plant in my southwest facing clay-soil garden for some colour?
- A. Cranesbills are great for colour. The 'Roseanne' variety flowers from May through to October, 'Azure Rush' also flowers for a really long season. 'Johnsons' Bloom', 'Magnificum' and 'Dusky Crug' are also great varieties. The 'Broadway Lights' variety of Shaster Daisy Leucanthemum would grow well, as would Phsostegia (Obedient Plant). Cloudberries and Salmonberries, the Strawberry- Potentilla cross 'Pink Panda', Wild Strawberries, Myrica Gale (Bog Mertyl) and Bilberries are other plants to try.
- Q. What is wrong with my Plum tree? The leaves are brown and shrivelled, as are the fruits

A. If the fruits are touching in a cluster, the fruits in the middle will rot and the rot will spread amongst the fruit. Thin the fruit clusters to avoid this happening and remove all the rotten plums now to reduce the chances of the infection spreading to next

years' crop.

Q. What is the ideal gift for a gardener?

A. A good new pair of secateurs or jam from the garden's fruits

SUN 14:45 The Listening Project (b04lpd9t) Sunday Omnibus

Fi Glover introduces conversations about adoption by civil partners, getting around the Underground with a disability, and children dealing with their alcoholic father's death, from Cardiff, Devon and London, in the Omnibus edition of the series that proves it's surprising what you hear when you listen.

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

Producer: Marya Burgess.

SUN 15:00 Classic Serial (b04lpd9w)

For Whom the Bell Tolls

High in the pine forests of the Spanish Sierra, Robert Jordan, a young American volunteer, camps with a band of guerrillas as they prepare to blow up a vital bridge as part of a Republican offensive during the Spanish Civil War. In the camp Robert Jordan has forged loyalties, made a dangerous enemy and fallen in love. He also has reason to fear that the enemy are aware of the offensive. But as the appointed hour approaches, it may be too late and he must face the inevitable.

Narrator Colin Stinton Robert Jordan Patrick Kennedy Pablo Ralph Ineson Pilar Melanie Kilburn Maria Leah Brotherhead Anselmo Michael Bertenshaw Agustin Paul Heath Rafael Shaun Mason El Sordo Ian Conningham Primitivo David Acton Andres Arthur Hughes

Fernando Monty D'Inverno

By Ernest Hemingway Adapted by Ed Hime

Director: Sasha Yevtushenko

First broadcast on BBC Radio 4 in October 2014.

SUN 16:00 Open Book (b04lpd9v)

Amanda Coe, Kathy Reichs, Catalan literature

Amanda Coe is a BAFTA award winning screenwriter who has just published her second novel. She talks to Mariella Frostrup about her double writing life.

Also in the programme, best selling crime writer Kathy Reichs reveals the book she'd never lend, we explore the literary beginnings of master detective Sherlock Holmes and discuss the unique qualities of Catalan literature.

SUN 16:30 Poetry Please (b04lpdb0)

Birmingham Literature Festival

Roger McGough presents an as-it-happens request edition on stage at the Birmingham Literature Festival as audience members pick their favourite poems. Will it be Not Waving but Drowning or The Way through the Woods, The Listeners or Timothy Winters, The Sunne Rising or Snake? The readers are Eleanor Tremain and Peter Marinker, Producer: Tim Dee.

SUN 17:00 File on 4 (b04l0x07)

NHS: Testing the Market

In the biggest outsourcing to date, the NHS in England has

announced it is tendering a huge £700 million contract for providing NHS cancer care in Staffordshire and Stoke-on-Trent, along with another £500million for end of life care in the region. Officials say it will streamline services and provide better treatment while critics say it's the most reckless privatisation yet. BBC Health Editor Hugh Pym investigates... Producer: Paul Grant.

SUN 17:40 Profile (b04l01vp)

[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b04lp4zg)

The latest shipping forecast.

SUN 17:57 Weather (b04lp4zj)

The latest weather forecast.

SUN 18:00 Six O'Clock News (b04lp4zl)

The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b04lpdb2)

Liz Barclay chooses her highlights from the previous seven days of BBC Radio

SUN 19:00 The Archers (b04lpdb4)

Joe's enjoying the Apple Day cider. He speculates as to reasons for Phoebe's sojourn at Home Farm, and the absence of Hayley's car from Ambridge. Eddie and Carol chide him for being nosey, and flustered Jennifer has no answers for him when he puts her on the spot. Carol elicits an invitation from Joe to Cider Club.

Will's fretting about all the extra birds he's dealing with this year. It's the first season since BL was taken over and he's keen to get it right. Eddie reassures him it will turn out okay - it always does. He offers his services as a beater; Jennifer always puts on such a good spread. Eddie asks cryptically if Will has any souvenirs from Mexico in the loft.

Brian and Jennifer discuss Roy. Brian thinks Roy should at least get a hearing, but Jennifer believes he's behaved abominably. Kate's been told and has reacted badly. They agree that broken Phoebe can stay with them for as long as she likes. Brian goes to see Roy to offer sympathy, but soon finds himself out of his depth when Roy breaks down. Roy can't see how he's ever going to fix this. Awkward Brian's reduced to trite platitudes as Roy promises to try and keep his chin up.

SUN 19:15 The Write Stuff (b09z77pk)

Series 17

Gerard Manley Hopkins

Radio 4's literary panel show, hosted by James Walton. Recorded at the Hay Festival with team captains Sebastian Faulks and John Walsh and guests Russell Davies and Sue

This week's author is Gerard Manley Hopkins.

Produced by Alexandra Smith.

SUN 19:45 Under My Bed (b04lpdb8)

Getting Ink

Three writers fictionally explore the memories and stories of what characters might have stashed away in the dark, under their beds with some shocking revelations

Many children believe there is a monster or something strange and dark and menacing lurking under their bed, just waiting to leap out when the lights are off and everyone is asleep. As we grow up it's a place for hiding things, for playing or exploring. Later still it's where we stash the overspill of student or adult lives, where we keep boxes of photos or the detritus of life that holds memories we can't bring ourselves to throw away. It's where we hide the Christmas presents, stash diaries, love letters and wedding albums. As we get older still perhaps it's the place where slippers, half read books or life savings nestle. And it's a place which evolves and changes with us throughout life.

Reader Patrick Kennedy Writer Patrick Neate Producer Gemma McMullan.

SUN 20:00 Feedback (b04l3nnr)

Have political interviews become a monotonous drone on your radio? Newsnight Editor Ian Katz believes most are simply "boring-snoring". 5 live Breakfast presenter Nicky Campbell and Today's John Humphrys fought their corner in a

Masterclass at this year's Radio Festival in Salford on "The Art of the Political Interview." Three Feedback listeners also went along and put their questions to Radio 4's Grand Inquisitor

Roger Bolton also talks to Desert Island Discs' Kirsty Young about how she gets her castaways to open up. She also reveals which castaway made her go weak at the knees.

The Head Down Generation, the BBC Trust and commercial rivals are just some of concerns that the Controller of Radio 1 and 1Xtra, Ben Cooper, has to consider. But what seven things are keeping him awake at night? He responds to the ever present question of Radio 1's average audience age and brings new meaning to the words pipe and platform.

Produced by Will Yates

A Whistledown Production for BBC Radio 4.

SUN 20:30 Last Word (b04lh20k)

Sir Jocelyn Stevens, Jerrie Mock, John Moat, Shirley Baker, David Rayvern Allen

Matthew Bannister on

Sir Jocelyn Stevens, the newspaper executive noted for his fearsome temper who went on to transform the Royal College of Art and chair English Heritage.

Jerrie Mock who was the first woman to fly solo around the

John Moat, the poet and novelist who founded Arvon, which has provided courses for hundreds of aspiring writers

Shirley Baker, the photographer known for her pictures of working class life in the North West of England.

And David Rayvern Allen, the BBC producer who was also a prolific cricket writer.

SUN 21:00 Money Box (b04l01v5)

[Repeat of broadcast at 12:04 on Saturday]

SUN 21:26 Radio 4 Appeal (b04lp62b)

[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b04l0gf3)

Meet the Family

Politicians love talking about supporting families. But, asks Jo Fidgen, do they understand modern family life? And how far can or should the state change the way families live? There's endless focus on young children and childcare, while family care for the elderly is rarely mentioned. She hears from policy insiders, those who have to define families to make their businesses work, individuals facing extraordinary challenges as family life changes with society and across the generation

Producer: Chris Bowlby Editor: Hugh Levinson

SUN 22:00 Westminster Hour (b04lp4zq)

Weekly political discussion and analysis with MPs, experts and

SUN 22:45 What the Papers Say (b04lpf6g) George Parker of The Financial Times analyses how the newspapers are covering the biggest stories.

SUN 23:00 The Film Programme (b04l3br3)

Agnes B; Jeffrey Katzenberg; Animal Farm and the CIA

With Francine Stock.

Fashion designer turned film producer Agnes B. discusses her directorial debut My Name Is Hmmm... and reveals her lifelong affair with cinema.

The head of DreamWorks Animation, Jeffrey Katzenberg, considers the future of animated films and looks back at a career he describes as a rollercoaster

Animal Farm was the first animated film made by the British film industry in 1954. But what nobody realised at the time least of all the producers Halas and Batchelor, was that the film was financed by the CIA as part of the Cold War effort. Frances Stonor Saunders and Professor Tony Shaw reveal the intrigue and deception behind the production

Medical adviser Carlton Jarvis describes how he helps actors

SUN 23:30 Something Understood (b04lp626)

[Repeat of broadcast at 06:05 today]

MONDAY 20 OCTOBER 2014

MON 00:00 Midnight News (b04lp50w)

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

MON 00:15 Thinking Allowed (b04l10jf)

Drug Mules; 'Dads Only' Parenting Project

Drug Mules - Laurie Taylor talks to Jennifer Fleetwood, Lecturer in Criminology at the University of Leicester, about her study of women in the international cocaine trade. Drawing on 'in depth' interviews with female traffickers imprisoned in Ecuador, she uncovered narratives which went beyond the stock dichotomy of helpless 'victims' versus confident 'agents

Also, a 'dads only' parenting project. Alan Dolan, Associate Professor in the Warwick Medical School at the University of Warwick, considers how learning to be a good father can clash with ideals of masculinity as well as traditional notions of fathering.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b04lp624)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b04lp50y)

The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b04lp510)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b04lp512)

The latest shipping forecast.

MON 05:30 News Briefing (b04lp514)

The latest news from BBC Radio 4

MON 05:43 Prayer for the Day (b04lpsbl)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies.

MON 05:45 Farming Today (b04lpsbn)

Pilot badger cull ends

The second pilot badger cull ends today. Charlotte Smith speaks to the Badger Trust - which has commissioned a poll asking for the public's view - and to a spokesman for the cull company in Gloucestershire. The pilot cull is part of the Government's strategy for controlling TB in cattle.

One of the world's biggest food fairs gets underway today in Paris. We speak to a Devon pork processor who says it's the perfect place to look for new export opportunities

And we hear about research into one of the oldest and most common of commodities on the farm - manure

MON 05:56 Weather (b04lp516)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b04hkxq8)

Montezuma Oropendola

Tweet of the Day is the voice of birds and our relationship with

Miranda Krestovnikoff presents the Panamanian Montezuma oropendola. In a clearing in the humid rainforest in Panama a tall tree appears to be draped in hanging baskets. These are the nests of a New World blackbird, Montezuma oropendola, The male produces an ecstatic bubbling liquid call as he displays to females, reaching a crescendo whilst bowing downwards from his perch, spreading his wings and raising his tail. They weave long tubular basket-like nests from plant fibres, which they suspend in clusters from tall trees. Colonies can contain up to one hundred and seventy nests, but more usually number about thirty.

MON 06:00 Today (b04lpsbq)

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

MON 09:00 Start the Week (b04lpsbs)

in Vienna in the aftermath of Napoleon.

What was Napoleon's impact during his lifetime, in France and across Europe and how much of this can we see today? With Tom Sutcliffe, Andrew Roberts examines the man in his new biography, Jenny Uglow explores living in Britain through Napoleon's Wars, 1793-1815, Sudhir Hazareesingh looks at his legend, while musicologist Gavin Plumley focuses on Schubert

Producer: Simon Tillotson.

MON **09:45** Germany: Memories of a Nation (b04k6sjj) Gutenberg: In the Beginning Was the Printer

Neil MacGregor examines the life and legacy of Johannes Gutenberg, who invented moveable type and pioneered the

printing press. For many, it is the moment at which the modern world began, as the book as we know it was born. It is without doubt the point at which access to knowledge stopped being the privilege of the few.

Producer Paul Kobrak.

MON 10:00 Woman's Hour (b04lpsbv)

Angel Blue: Amy Lawrence; Sex crimes; Northern Soul

Jane Garvey considers the moral dilemma provoked by the case of the footballer, Ched Evans, Should convicted sex offenders, once released from prison, be able to return to their previous lives? American soprano Angel Blue talks about how she came to be an opera singer and what it's like to play Mimi in Puccini's La Boheme. Football journalist Amy Lawrence has been reporting on the game for the last twenty years. She talks about her new book, Invincible, which looks at what made Arsenal's team so special for their unbeaten season in 2003-4. Elaine Constantine's film, Northern Soul, portrays the intensity of the American inspired dance movement in the north of England in the late 1960s. Elaine and Northern soul dance instructor, Sharon Sullivan, talk about the film and why the movement still speaks to audiences today. Emily St.John Mandel is an American writer and the author of Station Eleven. The novel has been receiving rave reviews and has just been shortlisted for the 2014 National Book Awards. Emily kicks off a series in which we ask Woman's Hour guests what success means to

Presenter: Jane Garvey.

MON 10:45 15 Minute Drama (b04lpsbx)

The Love Song of Miss Queenie Hennessy

The Letter

In Rachel Joyce's best selling novel, The Unlikely Pilgrimage of Harold Fry, Queenie Hennessy is told she has days to live. She sends a letter of rose pink paper in which she bids goodbye to Harold Fry. It is a letter that inspires a walk, a cast of well-wishers, a journey of its own. Harold will save her.

Harold's story began its life as an award winning Radio 4 play so it only seems apt that this companion novel should grace the airwaves too.

In this novel there is a second letter - a quieter, longer, more complicated letter. It is in this one that Queenie reveals the shocking and beautiful truth of her life. It is Queenie's story and it is a love song to the man she loves.

'It's all very well for a man to step out of his front door and tell his friend to wait while he walks the length of England. It's an entirely different kettle of fish when you are the woman at the other end.'

Directed by Tracey Neale

MON 11:00 On Language Location (b04lpsbz) Rhutan

Bhutan is a landlocked country in the eastern Himalaya, best known as a Buddhist kingdom where the policy of 'Gross National Happiness' replaced GDP. Anthropologist and linguist Mark Turin has special access to enter Bhutan as part of a major collaborative research project to document the country's endangered oral traditions. He is there to help identify which of Bhutan's languages and cultures are most at risk as the country opens up to global influences through television and the intermet.

Mark takes a journey from Thimphu, the capital, across high mountain passes, to the village of Ura in rural Bumthang district. There he participates in a dramatic five-day festival of rituals and fire dances. He meets members of parliament, teachers, and broadcasters who speak not only Dzongkha, the

national language, but English and their local indigenous languages. Along the way, Mark learns more about the challenges facing communities who live in Bhutan's remote valleys.

A journey through the cultural and linguistic landscape of the Buddhist kingdom of Bhutan, presented by anthropologist Mark Turin

Producer Mark Rickards.

MON 11:30 Kerry's List (b04lpsc1)

Series 2

Nostalgia

Kerry Godliman and husband Ben (Ben Abell) decide to sell their house and Kerry reluctantly has to deal with the modern version of Beelzebub - the dreaded estate agent!

Their house sale forces Kerry to finally organise her photo collection and she takes a stroll down memory lane to remember various scenes from her incident filled childhood. She remembers her first date with husband-to-be Ben and has a flashback to her student days with fellow housemates Diane and Rachel.

This week's list includes sketch a self portrait, bleach tash, take kids to cinema and grout! Kerry has to have another chat with her doom laden father Martin who brings her down to earth with a bang as he shares his negative views on house moving.

There's also a chat with best friend Hazel (Bridget Christie) and we find out how stressful it can be choosing a child's name.

The cast includes co-writer David Lane Pusey, Rosie Cavaliero, Lucy Briers, Nicholas Le Prevost, Dominic Frisby, Jen Brister and Melissa Bury.

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

MON 12:00 News Summary (b04lp518)

The latest national and international news from BBC Radio 4.

MON 12:04 21st Century Mythologies (b04lpxwx) Her Majesty the Queen

In 1954, the French critic and semiotician Roland Barthes began a series of essays in which he analysed the popular culture of his day. He called his essays "Mythologies." In this series of witty talks, the acclaimed writer and critic Peter Conrad delivers a series of 21st Century Mythologies in a French accent of the mind. Conrad ranges over the defining popular icons of our era, from the Shard, to the Kardashians to today, Her Majesty the Queen.

MON 12:15 You and Yours (b04lpxwz)

Hundreds search for pensions they transferred after cold calls

In a special You and Yours, we investigate a web of companies that sold millions of pounds of pension investments to hundreds of people - and has left many of them desperately trying to find out where their money has gone.

There were a number of companies involved...all of them promised a lump sum upfront and then big returns further down the line.

But You and Yours has spoken to dozens of worried people who have transferred their pensions and then heard little or nothing since.

We've also discovered that many of the people behind these companies are difficult to trace - as is a lot of the money.

What happened raises important questions about the way pensions are regulated.

MON 12:57 Weather (b04lp51b)

The latest weather forecast

MON 13:00 World at One (b04lpxx1)

Analysis of current affairs reports, presented by Martha Kearney.

MON 13:45 Hidden Histories of the Information Age (b04lpxx3)

Enfield Exchange

"Hello Girls"

In 1960 the women telephonists of the Enfield exchange said goodbye to the last manual telephone exchange in Greater London. For decades they had put through calls using this plugboard machine, providing a polite and friendly voice to any caller. With the expertise of the Science Museum's Keeper of Technology, Dr Tilly Blyth, and Curator of Communication, John Liffen, Aleks Krotoski uncovers the hidden histories of the life of the exchange and how it provided a new kind of employment for young women.

Part of the Enfield Exchange is on display in the new Information Age gallery at the Science Museum. The gallery tells the story of the evolution in how we communicate with each other. The objects in the exhibition represent cultural moments from the last 200 years - not just technological innovations.

We also hear from the women who worked as telephonists about the relationship between the supervisors and operators, some of whom were only 15 years old, the aches and pains the plugboard caused and the prestige brought by a job with the GPO.

MON 14:00 The Archers (b04lpdb4)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Drama (b01ghgk5)

Anita Sullivan - The Hedge

By Anita Sullivan.

Marion and Richard live a quiet life in their perfect garden, sheltered from a turbulent world by their manicured hedge. Then one day, after an explosive row with their daughter Sophie, out of the hedge emerges a mysterious hand. Slowly the outside world starts to bleed into their fragile haven.

A strange and darkly allegorical tale about a family and its fears.

Directed by James Robinson A BBC Cymru Wales Production.

MON 15:00 Counterpoint (b04lpxx5)

Series 28

Episode 5

(5/13)

The fifth heat of the 2014 series sees competitors from Leeds, Leek in Staffordshire and Ulverston in Cumbria facing Russell Davies' wide-ranging music questions. The programme comes from Media City in Salford.

Orchestral music, chamber music, opera, church music, jazz, folk, stage and film musicals, classic rock and sixty years of pop hits are all fair game - with the contestants having no idea where the next question will take them. There are plenty of musical extracts to suit every taste, with full details of the music played available on the programmes' webpages.

The winner will go through to the series semi-finals later in the year.

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b04lpd9r)

[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 50 Years of Chitty Chitty Bang Bang (b04lpxx7) Writer and Broadcaster Brian Sibley tells the story of James Road author In Flaminc's book Chitty Chitty Bang Bang 50

Writer and Broadcaster Brian Sibley tells the story of James Bond author Ian Fleming's book Chitty Chitty Bang Bang, 50 years on from publication.

Most of us know the film of Chitty Chitty Bang Bang with its inventor father, Caractacus Potts, the twins Jemima and Jeremy and their adventures in their flying car. But few realise that Ian Fleming's original book is quite different. Potts was 'Pott' (or Crack Pott) in the book, the original manuscript's adventures take place in Kent and Northern France, and it was screenwriter Roald Dahl who added the characters of the Child Catcher and Truly Scrumptious.

Brian Sibley speaks to Fleming's nieces, Lucy Fleming and Kate Grimond, and to Ian Fleming bibliographer Jon Gilbert, to hear how Fleming's only children's book was written and published.

Fleming told the original story aurally to his son Caspar, and he only decided to write it down long hand when he was convalescing after serious illness. The book coincided with the last years of Fleming's life and contain some of the elements of the Bond Books – a great adventure story at its heart and the love of cars. The vehicle itself was inspired by Fleming watching the racing at Brooklands and a legendary driver called

Count Zborowksi, who had a car named Chitty Bang Bang.

Brian Sibley goes to Brooklands to take a spin on the old race track, as well as talking to original illustrator John Burningham and the writer of the sequels, Frank Cottrell Boyce. He also catches up with legendary composer of the film score Richard M. Sherman.

A White Pebble Media production for BBC Radio 4

First broadcast on BBC Radio 4 in October 2014.

MON 16:30 The Digital Human (b04lpxx9) Series 6

We communicate with each other in more ways than ever and with an ever expanding range of devices and platforms. But they all piggy back on an earlier invention, our original social networking technology - language.

In this edition of the Digital Human Aleks Krotoski explores the idea of language as a technology itself and how people over the years have attempted to improve it; re-engineer it for maximum efficiency, or use it as a lever of social change.

She speaks to Professor David Crystal about how we're living through a period of rapid language growth comparable to the renaissance or industrial revolution. Evolutionary biologist Mark Pagel explains how we can consider language as a technology devised by natural selection while linguist Arika Okrent charts the attempts down the years by those who think they can perfect the function of language by devising their own.

Producer: Peter McManus

MON 17:00 PM (b04lpxxc)

Full coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b04lp51d)

The latest national and international news from BBC Radio 4.

MON 18:30 The Museum of Curiosity (b04lpxxf) Series 7

The Professor of Ignorance John Lloyd welcomes his latest curator Phill Jupitus.

With author and journalist Will Storr, physicist and comedian Lieven Scheire and actor and presenter Sandi Toksvig.

The Museum's Steering Committee discusses:

- * Why the alphabet sparked the suppression of women * Why tiny wasps are claimed to spread diseases
- * Why parasitic insects battle each other

Researchers: James Harkin and Stevyn Colgan of OI.

Producers: Richard Turner and Dan Schreiber

First broadcast on BBC Radio 4 in 2014.

MON 19:00 The Archers (b04lpxxh)

There's a muddle over Caroline's requirements for the Hunt Ball, Realising it's not appropriate to expect Roy to help, Caroline calls Elizabeth, who assures her everything's under control. Privately Elizabeth admits to Jill that Geraldine doesn't communicate, and that Rov's left a lot of loose ends. Jill can't understand why Elizabeth doesn't ask Roy; she's sure he'd be only too happy to help. Reluctantly Elizabeth calls Roy with a list of questions. Surprised to hear from her, he agrees to sort it all out. She's grateful, but before Roy can begin any sort of conversation, she's gone.

David's happy Jill doesn't know about Elizabeth and Roy. It's Elizabeth's mess, and if she's chosen to deal with it in private, that suits all of them. When Jill gets home she remarks that Elizabeth seems stressed, but puts it down to working with difficult Geraldine.

There's been an offer on the farm in Northumberland. They're not in a position to counter-offer, but Ruth spots another farm which might be suitable. Unhappy about all the uncertainty, she feels they need to be ready to act quickly; perhaps they should get Rodway's moving with a sales pack for Brookfield. Unsettled Jill asserts she'll have to start tidying, ready for the photos.

MON 19:15 Front Row (b04lpvhs)

Brad Pitt: Moroni: Anthony Horowitz

Damian Barr talks to Brad Pitt about his World War II film.

Anthony Horowitz on his new Sherlock Holmes novel,

Robert Webb and Miles Jupp on performing completely wet on stage in Neville's Island.

And Sarah Dunant discusses the Royal Academy exhibition of the Renaissance portrait painter, Moroni

MON 19:45 Germany: Memories of a Nation (b04k6sjj) [Repeat of broadcast at 09:45 today]

MON 20:00 The Year of the Drone (b04k9gj6)

Will Robson gets exclusive access to some of the British military's most secretive, sophisticated and controversial drones, and talks to the men and women who operate them. He gets an insider perspective on what it means to fight a war remotely, and finds out how long distant combat affects those at the

In a remote corner of west Wales, in a matt green shipping container, a group of engineers and military officials crowd around a high-tech bank of screens and joysticks. A monitor feeds them live aerial footage of the Carmarthenshire coastline. The image is crisp, they can make out dolphins swimming in the wake of a fishing trawler. They're testing the limits of the British Army's Watchkeeper surveillance drone, one of a new fleet of Unmanned Aerial Systems (UAS) which have an £850m pound price tag.

The British military is a global leader in UAS technology, and Watchkeeper is just one element. As drones become ever more important to the way Britain fights its wars, the Government's Select Defence Committee are demanding more transparency.

While the military have welcomed UAS as a way of reducing costs and casualties, not everyone is convinced. Critics say that drones could bring an age of airborne occupation and dispassionate warfare. They claim that when war can be fought without consequence to the aggressor, violence quickly becomes easier than diplomacy.

Will Robson explores the debate around one of this generation's most divisive military technologies.

Produced by Harry Graham

A Whistledown production for BBC Radio 4.

MON 20:30 Analysis (b04lpyhv)

The Idea of the Caliphate

What is a caliphate? What ideals does such an Islamic state embody - and how could or should it be implemented? Analysis consults a range of voices to explore how the concept has evolved and has been expressed over the centuries. Edward Stourton talks to historians, religious scholars and political thinkers who offer their perspectives on caliphates of the past, the revivalist rhetoric of the present and the beliefs shared by many Muslims about its future return.

Prof Hugh Kennedy, School of Oriental and African Studies Sheikh Ruzwan Mohammed, Sunni theologian and scholar Rebecca Mastertron, Shiite commentator

Dr Reza Pankhurst, author, "The Inevitable Caliphate?" Dr Caroline Finkel, author, "Osman's Dream: the History of the

Ottoman Empire' Dr Salman Sayyid, Leeds University, author, "Recalling the Caliphate'

Dr Abdou Filali Ansary, Aga Khan University

Presenter: Edward Stourton Producer: Polly Hope

MON 21:00 Shared Planet (b04l0tg8)

Insects and Street Lights

Artificial lighting is ubiquitous in the developed world - but the effects of night time illumination on wildlife are not yet fully understood. While we know that artificial light changes the behaviour of some animals we're still a long way from knowing whether those changes can damage wildlife populations. This week Monty Don finds out what we do know with particular regard to an important but often overlooked group of animals -

MON 21:30 Start the Week (b04lpsbs)

[Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b04lp51g)

The latest weather forecast

MON 22:00 The World Tonight (b04lpyhx)

In-depth reporting and analysis from a global perspective.

MON 22:45 Book at Bedtime (b04lpyhz)

Nora Webster

From the author of Brooklyn, a powerful and honest portrayal of one woman's journey through grief, and towards hope, read by Brid Brennan.

It is the 1960s and Nora Webster is living with her two young sons in a small town on the east coast of Ireland. Her husband, Maurice, has just died and Nora must work out how to forge a new life for herself, and her children

Today: On a rare night out in a pub, Nora finds herself alone on a crowd.

Reader: Brid Brennan

Writer: Colm Toibin was born in Ireland in 1955. He is the author of six novels including The Blackwater Lightship and The Master, both of which were shortlisted for the Booker Prize, and Brooklyn which was longlisted for the Man Booker Prize and won the Costa Novel Award, plus an earlier collection of stories Mothers and Sons

Abridger: Sally Marmion Producer: Justine Willett.

MON 23:00 Wireless Nights (b04lpyj1)

Series 3

Reaching for the Moon

Jarvis Cocker attempts to fly to the moon, with the aid of astronaut Chris Hadfield - famous for his rendition of David Bowie's Space Oddity on the International Space Station.

En route he hears stories of those touched by the moon in its

Producer: Laurence Grissell

MON 23:30 Today in Parliament (b04lpyj3)

The House of Lords has agreed unanimously to make "revenge pornography" a crime punishable by up to two years in jail in England and Wales. And calls for the government to focus on prevention of obesity rather than surgery. Susan Hulme reports from Westminster

TUESDAY 21 OCTOBER 2014

TUE 00:00 Midnight News (b04lp52d)

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

TUE 00:30 Germany: Memories of a Nation (b04k6sjj) [Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b04lp52g)

The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b04lp52j)

BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b04lp52l)

The latest shipping forecast.

TUE 05:30 News Briefing (b04lp52n)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b04mttcz)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies.

TUE 05:45 Farming Today (b04lpzym)

Pesticides report, Land Girls memorial, Dung beetles

A report published today by the agricultural consultants Andersons claims that banning too many pesticides will lead to lower yields on farm, which in turn could result in an increa in food imports, and job losses. The report says around 40

substances could be banned or restricted by the EU. But one conservation group, the Pesticide Action Network, says this is just scaremongering, and that organic growers can produce high yields without the use of pesticides.

A bronze statue will be unveiled later today at the National Arboretum in Staffordshire. It's to honour the thousands of Land Girls who worked the land to help feed the nation during both world wars. We meet Iris Newbold, who worked as a Land Girl in Yorkshire when she was 17.

And we find out how dung beetles are being used to increase the amount of pasture available on farms.

TUE 05:58 Tweet of the Day (b04hky3h)

Satin Bowerbird

Tweet of the Day is the voice of birds and our relationship with them, from around the world.

Miranda Krestovnikoff presents Australia's satin bowerbird. Then male is a blackish looking bird with bright purple eyes, whose plumage diffracts the light to produce an indigo sheen with a metallic lustre. He builds a U-shaped bower of sticks on the forest floor into which he hopes to lure a female. But brown twigs on a brown woodland floor aren't very eye-catching, so he jazzes up the scene with an array of objects from berries and bottle-tops to clothes-pegs and even ballpoint pens. All have one thing in common: they are blue. The male dances around his bower to attract the greenish females: often holding something blue to impress her. As he poses, he calls enticingly to advertise his prowess. Once she's made her choice, she will leave to build her nest and rear her young alone.

TUE 06:00 Today (b04lpzyp)

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

TUE 09:00 The Life Scientific (b04lpzyr)

Margaret Boden on artificial intelligence

Maggie Boden is a world authority in the field of artificial intelligence - she even has a robot named in her honour

Research Professor of Cognitive Science at the University of Sussex, Maggie has spent a lifetime attempting to answer philosophical questions about the nature of the human mind. but from a computational viewpoint.

"Tin cans", as she sometimes calls computers, are information processing systems, the perfect vehicle, she believes, to help us understand, explore and analyse the mind.

But questions about the human mind and the human person could never be answered within one single academic subject. So the long career of Maggie Boden is the very epitome of crossdisciplinary working. From medicine, to psychology, to cognitive and computer science, to technology and philosophy, Professor Boden has spent decades straddling multiple academic subjects, helping to create brand new disciplines along the way.

TUE 09:30 One to One (b04lpzyt)

Isabel Oakeshott and Surrogacy

Political journalist and commentator Isabel Oakeshott almost went down the route of surrogacy in India, after having four miscarriages when trying for her second child. In the end, she did have a baby naturally, but has always wondered about the route she almost took.

In the first of two interviews for One to One, she talks to Natalie, who had twins through a surrogate in the UK, and she explores how surrogacy works here.

Producer: Sara Conkey.

TUE 09:45 Germany: Memories of a Nation (b04k6scv)

Dürer: An Artist for All Germans

Neil MacGregor focuses on the work of Dürer (1471-1528), arguing that he is the defining artist of Germany, his image and his self-image - known to all Germans. He was a new kind of artist, clearly fascinated by himself, and the first great artist in Europe to paint so many self-portraits. He embodies the Renaissance idea of the artist as a hero and a star, the artist of a new world and a new technology. Dürer was also the first artist to sell his work widely throughout Europe.

Producer Paul Kobrak.

TUE 10:00 Woman's Hour (b04lpzyw)

Doreen Lawrence and the Unicef report into child deaths due to

Doreen Lawrence and Anita Tiessen on a new UNICEF report into child deaths due to violence. Professor Craig Jordan on his pioneering work in breast cancer prevention and treatment. Alison Light on her book Common People, looking at family history. Anjum Anand cooks the perfect Diwali supper. Feminist nail bars. Jane Garvey presents.

Presenter: Jane Garvey Producer: Eleanor Garland.

TUE 10:45 15 Minute Drama (b04m0q75)

The Love Song of Miss Queenie Hennessy

Harold Fry

By Rachel Joyce

While Harold Fry walks from Devon to the hospice in Berwickupon-Tweed, Queenie makes notes and Sister Mary Inconnue types them up. They won't stop until he arrrives and that is how Queenie will keep waiting.

Oueenie Sophie Thompson Harold Paul Venables Sister Mary Inconnue Roslyn Hill Sister Catherine Elaine Claxton Sister Lucy Hannah Genesius Finty Jane Slavin Mr Henderson Michael Bertenshaw Napier Shaun Mason

Directed by Tracey Neale

TUE 11:00 Shared Planet (b04lpzz0)

Hen Harriers: Trust in Conservation

Hen harriers are persecuted in the British Isles because they eat grouse. Seals cause problems for salmon fishermen; lions eat the livestock of pastoralists in Africa and so on. All over the world there are conflicts between people and wildlife, often with devastating consequences. In Shared Planet this week Monty Don looks at how we are approaching solving these issues, who is taking the bull by the horns and getting people around a table to come up with a shared solution? Conflict resolution is growing area that brings together scientists, local people, businesses, NGOs and many others who are affected by wildlife conflict. It is a demanding task finding a solution that all parties feel they can accept, on a par with the negotiations undertaken with trade unions by ACAS. This new area for conservation brings political and social science to sit alongside traditional conservation ideas. Monty Don investigates.

TUE 11:30 Chant (b04lpzz2)

Richard Coles delves into the 1990's when a recording of Benedictine monks singing became so popular it sold in the

If an album of classical music sold anywhere near one million copies at that time, it was considered unusual. For one to sell more than that was unprecedented. Adding further to this phenomenon was the fact that this was unfamiliar music at the time, Gregorian Chant, performed not by celebrity artists who might attract a large following, but by monks from a remote corner of Northern Spain, EMI marketed this album Canto Gregoriano, or Chant as it was named in Amercia, as a unique

Richard Coles with former EMI employees Kick Klimbie and Jane McCann, retrace EMI's marketing tactics in the promotion of Canto Gregoriano, Professor Adrian North will also be providing insights throughout the programme into the psychology of marketing, exploring what drives people to buy certain things, and how music can impact upon us physically

Richard Coles also takes a trip to the Isle of Wight, where Gregorian Chant is still an important aspect of life at both St Cecilia's Abbey and Quarr Abbey, and questions whether such music is still capable of having any meaning or impact upon our lives in the twenty-first century.

Producer: Luke Whitlock

First broadcast on BBC Radio 4 in October 2014.

TUE 12:00 News Summary (b04lp52q)

The latest national and international news from BBC Radio 4.

TUE 12:04 21st Century Mythologies (b04lpzz4) The Oyster Card

In 1954, the French critic and semiotician Roland Barthes

began a series of essays in which he analysed the popular culture of his day. He called his essays "Mythologies." In this series of witty talks, the acclaimed writer and critic Peter Conrad delivers a series of 21st Century Mythologies in a French accent of the mind. Conrad ranges over the defining effluvia of our era, from the Shard, to the Kardashians to today, the Oyster Card.

TUE 12:15 You and Yours (b04lq03h)

Call You and Yours: Are you worse off than your parents'

On Call You and Yours, we're asking are you worse off than your parents? The Chair of the Social Mobility and Child Poverty Commission Alan Milburn says the under 30s are missing out on home ownership, job prospects are poor, and the work that is available is badly paid. So have young people never had it so bad? Their parents enjoy final salary pension schemes but these days that kind of workplace benefit is a rare luxury. We want to hear from you about the struggles of the under 30s. Are you worse off than your parents? Or if you're a parent are your children not enjoying the opportunities you did? Email us on youandyours@bbc.co.uk or ring 03700100444 the lines open at 11, or text 84844.

TUE 12:57 Weather (b04lp52s)

The latest weather forecast

TUE 13:00 World at One (b04lq03k)

Oscar Pistorius is sentenced to five years in jail for killing his girlfriend Reeva Steenkamp, but he could be eligible for parole after 10 months. Andrew Harding reports from Pretoria, and we get reaction from the ANC's Women's League.

The Home Secretary, Theresa May, has insisted she has confidence in Fiona Woolf, the lawyer appointed to chair the Government's historic child abuse inquiry, after details emerged of her personal links to the former Home Secretary, Lord Brittan. The Labour MP, Simon Danczuck, tells us Mrs Woolf

The Chief Inspector of Prisons, Nick Hardwick, says there's been a rapid deterioration in safety inside jails in England and Wales, with staff shortages, overcrowding and prison policy all contributory factors. He speaks to us, the head of the Prison Service, Michael Spurr responds. And Danny Shaw reports on the growing problem caused by inmates' use of legal highs.

The paraplegic campaigner, fundraiser and former event rider who walked the London Marathon in 17 days using a robotic suit, Claire Lomas, responds to the news that a paralysed man has become the first person in the world to walk again as a result of a revolutionary procedure, which involved transplanting cells from his nose into his severed spinal cord.

The UKIP leader Nigel Farage accuses David Cameron of "deliberately deceiving" voters by suggesting he can limit immigration from within the EU. He also defends his decision to link up with a member of a controversial right-wing Polish party in the European Parliament - and DJ Mike Read's Calypso song.

And Andrew Bomford looks ahead to the final report of the City Growth Commission, aimed at reviving England's major regional cities

Presented by Mark Mardell.

TUE 13:45 Hidden Histories of the Information Age (b04m3bcc)

Tat-1

In 1957 the singer, actor and civil rights activist Paul Robeson in 1957 performed a concert to an audience sitting in St Pancras Town Hall in London. Astonishingly, Paul Robeson was in New York at the time, and he was performing live over a transatlantic phone line.

Robeson was an outspoken critic of lynching laws and antifascism. Because of his support of these causes, he was a victim of early attempts by the US FBI to quash civil rights activism, and was blacklisted by the State Department. His passport was cancelled so he could not leave the US.

But Robeson was also an innovator, who used the latest tools to go around the restrictions that were imposed upon him. When the authorities increasingly tried to silence him, he used technology to make his voice heard.

Aleks Krotoski tells the story of how Paul Robeson came to perform for his British fans using the new transatlantic telephone cable, called TAT-1, It was laid between 1955 and 1956, and it linked Newfoundland, Canada and Oban on the West Coast of Scotland.

TAT-1 is one of the objects on display in the Information Age Gallery at the Science Museum in London. This new gallery features the evolution in how we communicate with one another. The objects in the gallery represent cultural moments from the last 200 years, not just technological innovations

TUE 14:00 The Archers (b04lpxxh)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Tommies (b03thc49)

21 October 1914

by Jonathan Ruffle.

Series created by Jonathan Ruffle

Meticulously based on unit war diaries and eye-witness accounts, each episode of TOMMIES traces one real day at war, exactly 100 years ago.

Through it all, we follow the fortunes of Mickey Bliss and his fellow signallers, from the Lahore Division of the British Indian Army. They are the cogs in an immense machine, one which connects situations across the whole theatre of the war, over four long years.

Indira Varma, Lee Ross and Alex Wyndham star in this story. set at Ypres during the first Battle of Langemarck. Mickey's signals unit goes forward with the British offensive. And just as no battle plan survives contact with the enemy, so Mickey's plan to be a battlefield tourist is not about to survive contact with an artillery captain on a mission of his own.

Producers: David Hunter, Jonquil Panting, Jonathan Ruffle Director: David Hunter.

TUE 15:00 Short Cuts (b04lq28m)

Series 6

Behind the Curtain

Secret telephone discos for cold calling salesmen, moral dilemmas which emerge behind the scenes on a reality television show and Joe Dunthorne attempts to gain access to the OULIPO.

Josie Long peers behind the curtain to reveal stories from behind the scenes.

Series Producer: Eleanor McDowall A Falling Tree production for BBC Radio 4.

TUE 15:30 Costing the Earth (b04lq28p)

Making a Splash

Tom Heap meets Darren Revnolds, a health and environment professor, who has developed a mini treatment plant that can turn dirty water into clean drinkable water.

The technology could be transported around the globe and put to use in places where clean water is scarce, such as in area where there is a humanitarian crisis.

Costing The Earth discovers how the machine works and looks at other technology that could improve the water supplies of millions of people around the world.

Presenter: Tom Heap

Producer: Martin Poyntz-Roberts.

TUE 16:00 Law in Action (b04lq28r)

Can the PM Go to War?

The House of Lords votes this week on a government proposal to increase the sentence for internet trolling to two years. We ask Baroness Deech QC - herself a victim of trolling - what she

Also: with British military aircraft now deployed against the forces of Islamic State in Iraq, we ask whether the Prime Minister needs to seek consent from Parliament before committing British forces to action overseas.

Did the vote in the House of Commons in 2013 rejecting military action against President Assad of Syria create a convention that should now be followed in all cases? We hear from Sir Malcolm Rifkind, chair of the House of Commons Intelligence and Security Committee, and Gavin Phillipson of Durham University.

The Minister of Justice and Lord Chancellor, Chris Grayling, gave evidence last week to the House of Lords Constitution Committee. He was asked whether the Lord Chancellor should be a lawyer. Mr Grayling, who is not a lawyer, didn't think so.

But what do others think? And does it matter?

And TV justice: we talk to the criminal barrister Robert Rinder who, as "Judge Rinder", is attracting large audiences to his ITV show, in which he adjudicates on real disputes.

Presenter: Joshua Rozenberg Producers: Keith Moore and Tim Mansel Editor: Richard Knight.

TUE 16:30 A Good Read (b04lq2ls)

Adam Hills and Steven Pinker

Last Leg presenter and comedian Adam Hills and psychologist and popular science author Steven Pinker discuss their favourite books with Harriett Gilbert. Under discussion are two tales of non conformists, Albert Camus' The Outsider and Richard Bach's Jonathan Livingston Seagull, as well as Strunk & White's Elements of Style, a style guide written in the 1930s but still influential today. The guests talk about whether Camus protagonist is a sociopath or a pathetic man to be pitied, and whether Jonathan Livingston Seagull is an inspiration or a product of California's 1970s hot tub scene. Producer Sally Heaven.

TUE 17:00 PM (b04lq2lv)

Coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b04lp52v)

The latest national and international news from BBC Radio 4.

TUE 18:30 Mark Watson Talks a Bit About Life (b04lq2lx)

Health and Beauty

Multi-award winning comic Mark Watson attempts to answer the big questions and make sense of life.

Written and performed by Mark Watson, Tim Key and Tom Basden as they tackle academic and abstract topics.

This time Mark looks at "Health & Beauty". Our world is full of people telling us how to be healthier and more attractive. But how can we tell if we are well, both mentally and physically? Does living more healthily lead to better mental health, or not so much because you have to eat stuff like cabbage and you wish you were dead? At the same time many people claim to be beautiful, but does beauty really matter or is it, as the popular saying goes, in the eye of the beholder?

Why is it so hard to get to the bottom of what will make us look and feel good, and will this eternal quest ever end?

Producer: Lianne Coon

An Impatient production for BBC Radio 4 first broadcast in October 2014

TUE 19:00 The Archers (b04lq2lz)

Eddie shares Ed's concern over him affording a place of his own. He suggests No.1 The Green might be an option. But Ed laments that even with both he and Emma working they're still not earning enough. Eddie suggests to a reluctant Will that he asks his brother to beat at the shoot; after all he knows the ropes. Ed is being harangued by Susan at Ambridge View when Will calls him, and so he agrees to his brother's offer.

Susan and Clarrie continue to speculate on Elizabeth and Roy They guess Jill doesn't know yet - concluding that's probably for

Clarrie tells Joe he'll have to spruce up the cider shed if Carol Tregorran's visiting - it's filthy in there. She takes it upon herself to make a start, digging out Joe's numerous discarded pork scratching packets and ferret magazines along th way. She's incredulous when Eddie turns up with a poncho and panpipes, unveiling his plan to charge punters for him recounting a dodgy 'history of the turkey'. It's a great gimmick to kick off sales. Joe's on board, but Clarrie doesn't want anything to do with it. Eddie sees it as his mission to educate, inform and entertain. Who wouldn't be happy to stump up for

TUE 19:15 Front Row (b04lq2yd)

John Kander; Jimmy Page; The Babadook reviewed; René Burri remembered

Kirsty Lang talks to John Kander, composer of the hit musicals Cabaret, Chicago and now The Scottsboro Boys.

Jimmy Page discusses his project to remaster Led Zeppelin IV.

We review Australian horror film The Babadook. Plus Magnum photographer René Burri, who has died aged 81, in an interview from the Front Row archive

Producer: Ellie Bury Presenter: Kirsty Lang.

TUE 19:45 Germany: Memories of a Nation (b04k6scv)

[Repeat of broadcast at 09:45 today]

TUE 20:00 File on 4 (b04lq2vg)

Ebola is now regarded as an international threat to peace and security, according to the World Health Organisation. Yet, when the WHO was first warned of an unprecedented outbreak, the organisation said it was "still relatively small." Now the UK has asked for volunteers to travel to West Africa to try to bring Ebola under control. Thousands of American troops are also flying out to the region. But could all this have been avoided? Simon Cox asks why it took so long for the world to wake up to the threat posed by Ebola? He also investigates the treatments that are now, belatedly, being developed - treatments that have existed for decades. Vaccines and other drugs are being rushed into production at an unprecedented pace, by-passing the usual safety controls. However, all predictions are that many more people will die before the disease is brought under control. Even then, will it become endemic?

Reporter: Simon Cox Producer: John Murphy.

TUE 20:40 In Touch (b04lq2yj)

Blind People in Sierra Leone; 'Affordable' Braille; Accessible Pedestrian Signals

Peter White talks about the increased risk blind people face in contracting the Ebola virus with the director of Vision for the Blind - an organisation for visually impaired people in Sierra Leone. To prevent infection the advice is to avoid bodily contact, but this makes life difficult when you rely on touch for communication and assistance. And the 'no touching' advice means that sighted people are reluctant to offer help for fear of spreading infection.

We also look at concerted attempts to develop far cheaper equipment to enable people to read electronically generated Braille. Technical problems mean that much of the equipment on the market is far too expensive to buy unless you have government or charitable assistance, and is largely unaffordable in poorer countries. We feature in particular piece of equipment being developed by an American consortium which could eventually sell for hundreds, rather than thousands.

And have you detected a decline in the numbers of crossings with audible or tactile signals to tell blind and partially sighted people when it's safe to cross the road? In Touch wants to hear listeners experiences, and what explanations they've been given if they have complained.

Producer: Lee Kumutat

TUE 21:00 Inside Health (b04lq2yl)

Private hospitals, Hyperbaric medicine, Sick day rules to reduce kidney damage, Warfarin

As more NHS operations are done in the private sector, how much do we know about patient safety in private hospitals? Kits to self-monitor warfarin have been recommended by NICE, so why is the uptake so poor? Hyperbaric medicine - using high doses of oxygen to accelerate healing; And sick day rules - the medicines you should stop taking while you are unwell to reduce kidney damage.

TUE 21:30 The Life Scientific (b04lpzvr) [Repeat of broadcast at 09:00 today]

TUE 21:58 Weather (b04lp52x)

The latest weather forecast

TUE 22:00 The World Tonight (b04lq2yn)

In-depth reporting and analysis from a global perspective.

TUE 22:45 Book at Bedtime (b04lq2vq) Nora Webster

That Is Why God Made Music

From the author of Brooklyn, a powerful and honest portrayal of one woman's journey through grief, and towards hope in

rural Ireland.

It is the 1960s and Nora Webster is living with her two young sons in a small town on the east coast of Wexford. The love of her life, Maurice, has just died and so Nora must work out how to forge a new life for herself, and for her grieving children. Today: Nora discovers the healing power of musi

Reader: Brid Brennan

Writer: Colm Toibin was born in Ireland in 1955. He is the author of six novels including The Blackwater Lightship and The Master, both of which were shortlisted for the Booker Prize, and Brooklyn which was longlisted for the Man Booker Prize and won the Costa Novel Award, plus an earlier collection of stories, Mothers and Sons.

Abridger: Sally Marmion Producer: Justine Willett

TUE 23:00 Small Scenes (b04lq2ys)

Series 2

Oxford Zoo is annexed by its own monkey kingdom and a young woman falls under the romantic spell of "The Great

Symphonious sketch show, starring Daniel Rigby, Sara Pascoe, Mike Wozniak, Cariad Lloyd and Henry Paker.

Written by Benjamin Partridge, Henry Paker and Mike

Producer: Simon Mayhew-Archer.

First broadcast on BBC Radio 4 in October 2014.

TUE 23:30 Today in Parliament (b04lq2vv)

Sean Curran reports on efforts to give voters the power to change their MP between elections. There's a sceptical hearing for the child abuse inquiry's new head. And can 'doing nothing' be the best way to deal with Islamic State?

Editor: Peter Mulligan.

WEDNESDAY 22 OCTOBER 2014

WED 00:00 Midnight News (b04lp53v)

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

WED 00:30 Germany: Memories of a Nation (b04k6scv) [Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b04lp53x)

The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes

BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b04lp541)

The latest shipping forecast.

WED 05:30 News Briefing (b04lp543)

The latest news from BBC Radio 4

WED 05:43 Prayer for the Day (b04mttth)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies.

WED 05:45 Farming Today (b04lsl1q)

Buy British Milk; Manure Bedding; Grey Squirrels

We hear the latest on milk prices, as dairy processor Arla reach out to UK customers exhorting them to buy British. The NFU's Chair of their Dairy Board responds.

Also, as part of this week's focus on the many and varied uses of manure - we find out how and why cow dung is being given a new life as bedding for cows.

Grey squirrels are declared the number one pest for young broadleaf saplings. Chief Executive of the Royal Forestry Society, Simon Lloyd, explains why he's calling for landowners to join forces against this rodent in order to put trees first.

Presented by Anna Hill and Produced by Mark Smalley.

WED 05:58 Tweet of the Day (b04hkygm)

Tweet of the Day is the voice of birds and our relationship with them, from around the world.

Miranda Krestovnikoff presents the World's most numerous bird; red billed quelea. Red-billed queleas are the most numerous birds in the world and as part of the weaverbird family sound and look like small neat sparrows. Their ability to adapt to local conditions and travel for food allows large populations of fast-breeding queleas to build up. The statistics are mind-boggling. Some flocks of red-billed quelea can comprise millions of birds which may take hours to fly past. There are probably between one and a half and ten billion birds in Africa. They breed in vast colonies; one colony in Nigeria covered one hundred and ten hectares and contained thirty one

WED 06:00 Today (b04lsl1s)

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

WED 09:00 Midweek (b04lsl1v)

Guy Martin, Dr David Drew, Sofka Zinovieff, Mark Bell

Libby Purves meets motor cycle racer Guy Martin; former NHS consultant Dr David Drew; writer Sofka Zinovieff and theatre director Mark Bell.

Guy Martin is a lorry mechanic, motorcycle racer and presenter. In his new series Speed on Channel 4 he attempts to set new speed records by using the very best of British engineering talent. Among his record attempts he rides a motorbike in the Pike's Peak International Hill Climb in Colorado, racing to an altitude of over 4000m. He also has a go at setting the record for the furthest distance covered in 24 hours on a tandem recumbent. Speed with Guy Martin is on Channel 4.

Dr David Drew is a former NHS consultant who blew the whistle on what he says were poor standards of personal care at the hospital where he worked. His book Little Stories of Life And Death tells of his personal experience - how he spoke up for patients and suffered the consequences. Little Stories of Life And Death is published by Matador.

Sofka Zinovieff is the granddaughter of Robert Heber-Percy, nicknamed The Mad Boy, and Jennifer Fry. Robert Heber-Percy was the companion of the flamboyant writer, composer and artist, Lord Berners. The couple lived at Faringdon House in Oxfordshire where many of the great minds, beauties and wits of the day would spend weekends including Stravinsky, Picasso and Gertrude Stein. Sofka inherited Faringdon House from her grandfather and writes about her family in The Mad Boy, Lord Berners, My Grandmother and Me, published by

Mark Bell is the director of The Play That Goes Wrong which is currently running at London's Duchess Theatre. He trained at Ecole Internationale de Théâtre Jacques Lecoq and runs workshops teaching the art of physical theatre. The Play That Goes Wrong is a highly physical comedy packed with finelytuned farce and Buster Keaton-inspired slapstick. The Play That Goes Wrong is at London's Duchess Theatre.

Producer: Paula McGinley.

WED 09:45 Germany: Memories of a Nation (b04k6scx)

Porcelain: The White Gold of Saxony

Neil MacGregor focuses on how 18th century German chemists discovered the secrets of Chinese porcelain, known then as white gold' - translucent, fine-glazed, and much-coveted. Porcelain became a lucrative source of income, and was used for prestigious diplomatic gifts. The Meissen porcelain factory remained one of the most prestigious parts of German manufacturing right up until 1945.

Producer Paul Kobrak

WED 10:00 Woman's Hour (b04lsl1x)

Kim Phuc archive; Womb Transplants; India Knight

An iconic photograph of Kim Phuc inspired Christina Noble to set up a charity supporting thousands of children in Vietnam. We play an interview with Kim from our archive and speak to Christina, who's won a Women of the Year Lifetime Achievement Award. There's an update on the recent vote in Northern Ireland to criminalise paying for sex. Jenni is joined by India Knight with advice for those in their prime: Older, Wiser, Happier, and she speaks to Sophie Lewis who was born without a womb, and Consultant Richard Smith on the prospects for womb transplants in the UK.

Presented by Jenni Murray

Produced by Corinna Jones.

WED 10:41 15 Minute Drama (b04m0rzf)

The Love Song of Miss Queenie Henness

David

By Rachel Joyce

As Harold walks, Queenie writes. She tells of how she fell in love with Harold twenty four years ago and the day she met his son, David.

Queenie Sophie Thompson Harold Paul Venables Sister Mary Inconnue Roslyn Hill .. Monty d'Inverno Sister Catherine Elaine Claxton Sister Lucy Hannah Genesiu Finty Jane Slavin Mr Henderson Michael Bertenshaw

Directed by Tracey Neale

WED 10:55 The Listening Project (b04lsl1z)

Christine and Adam - Keeping Mum

Fi Glover with a conversation asking when is it right to tell somebody else's secret? A mother and son have different ideas about whether she should have revealed his sexuality.

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

Producer: Marva Burgess.

WED 11:00 Soldiers of the Empire (b04lsl23)

The Fight in Fairyland

On 22 October 1914, a Flemish priest from a village near Ypres recorded in his diary that Indian troops had been arriving throughout the hours of darkness in London double decker buses. The First Battle of Ypres had just begun and the Indian soldiers were being moved up to the front line.

Santanu Das tells the story of the Indian Army on the Western Front, from disembarkation in Marseilles where the troops were greeted by excited crowds, to the grim reality of the trenches. Illequipped and inadequately trained for industrial combat, they nonetheless resolutely held one third of the British frontline between October and December 1914.

Santanu speaks to the grandchildren and great-grandchildren of officers and men. Some of these descendants have rediscovered diaries and detailed accounts of the war which chronicle their ancesters' encounters with local people and describe the mutual curiosity between the Indian soldiers and the French and Flemish villagers. Close bonds sprang up between the Indians and the local families with whom they billeted, with many sepoys home about their 'French mothers'.

Back in India, the families waited for news from the front which was sometimes very slow to come back. The grandson of one Indian sowar (cavalryman) didn't discover how his grandfather had died until 40 years after the end of the First World War, when he heard from an old comrade how his grandfather died from his wounds after saving the life of a British officer at the Battle of Cambrai.

Producer: Philippa Goodrich

A Juniper TV production first broadcast on BBC Radio 4 in October 2014

WED 11:30 Welcome to Our Village, Please Invade Carefully (b04lsl25)

Series 2

Tempting Fete

Lucy borrows Kat's guitar and finds that this machine irritates aliens. Meanwhile tempers are fraught as preparations are made

for the annual village fete, and Richard receives some surprising news from The Computer

Series two of Eddie Robson's sitcom about an alien race that have noticed that those all-at-once invasions of Earth never work out that well. So they've locked the small Buckinghamshire village of Cresdon Green behind an impenetrable force field in order to study human behaviour and decide if Earth is worth invading

The only inhabitant who seems to be bothered by their new alien overlord is Katrina Lyons, who was only home for the weekend to borrow the money for a deposit for a flat when the force field went up.

So along with Lucy Alexander (the only teenager in the village, willing to rebel against whatever you've got) she forms The Resistance - slightly to the annoyance of her parents Margaret and Richard who wish she wouldn't make so much of a fuss, and much to the annoyance of Field Commander Uljabaan who. alongside his unintelligible minions and The Computer (his hyperintelligent supercomputer), is trying to actually run the invasion.

Katrina Lyons Hattie Morahan Richard Lyons Peter Davison Margaret Lyons Jan Francis Lucy Alexander Hannah Murray Field Commander Uliabaan Julian Rhind-Tutt Computer John-Luke Roberts Madeleine Jane Slavin

Written by Eddie Robson Script-edited by Arthur Mathews

Penny Elaine Claxton

Original music written and performed by Grace Petrie Producer: Ed Morrish.

First broadcast on BBC Radio 4 in October 2014.

WED 12:00 News Summary (b04lp545)

The latest national and international news from BBC Radio 4.

WED 12:04 21st Century Mythologies (b04lsl27) Celebrity Pets

In 1954, the French critic and semiotician Roland Barthes began a series of essays in which he analysed the popular culture of his day. He called his essays "Mythologies." In this series of witty talks, the acclaimed writer and critic Peter Conrad delivers a series of 21st Century Mythologies in a French accent of the mind. Conrad ranges over the defining effluvia of our era, from the Shard, to the Kardashians to today, celebrity pets.

WED 12:15 You and Yours (b04lsl29)

Tesco; Doctors' Wages

Tesco's suppliers demand refunds on cash they pay to have their

Behind the scenes at a Christmas magazine cover shoot

Will paying GP's to diagnose dementia help identify the disease more often in its early stages?

Celebrity facelifts what works; what doesn't; what you need to know if you are planning on having one.

How French supermarkets are seeing off the threat from discount grocers.

Why are comparison websites pushing duel fuel deals when buying gas and electricity from separate suppliers is cheaper.

WED 12:57 Weather (b04lp547)

The latest weather forecast

WED 13:00 World at One (b04lsl2c)

Analysis of current affairs reports, presented by Mark Mardell.

WED 13:45 Hidden Histories of the Information Age (b04m3gc6)

On June 25th 1967, 400 million people across the globe watched a ground-breaking TV show. It was called, in English, OUR WORLD and it was a feat beyond technological imagination: it was the first programme that linked up countries live by satellite. So everyone was watching what was happening on the other side of the world - or possibly next door - at the exact moment in time when it was actually happening.

In our modern, 24-hour news world, it's hard to understand just how monumental this was, both technologically and politically. It was the golden age of television. Youth culture had a voice that was about to get much louder. International diplomacy was stretched to breaking point. And our world was rapidly shrinking

Aleks Krotoski tells the story of how the programme came about. She talks to curators from the Science Museum

The yellowing pages of Our World's original script is one of the exhibits in the new Information Age gallery at the Science Museum. It tells the story of the evolution in how we communicate with one another. The objects in the exhibition represent cultural moments from the last 200 years - not just technological innovations.

WED 14:00 The Archers (b04lq2lz)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b04n94m3)

Friedrichstrasse, Berlin

by Sebastian Baczkiewicz.

The first of two plays based on the myths of rock and roll. When artist Karin gives an interview about her new exhibition she reveals the long-hidden true story behind an iconic photo of herself and a 70s rock star.

Directed by Marc Beeby.

WED 15:00 Money Box Live (b04lsmhj)

Renting and Letting

Happy with the home you rent or let out? What rights do landlords and tenants have? Call 03700 100 444 from 1pm to 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk

The cost of renting a home continues to rise so what should you expect for your money and what standard should a property be

How is your deposit protected and how do you get it back when von leave?

What are the rules about tenancy agreements?

If you're a landlord, are you aware of your obligations to tenants and what are the rules about gas, electricity and furniture?

Or perhaps you have a query about renting or letting through an

Who can advise or help resolve disputes?

To answer your questions, presenter Ruth Alexander will be ioined by:

Sian Evans, Head of Property Litigation, Weightmans. Christopher Hamer, The Property Ombudsman Chris Town, Vice Chair. Residential Landlords Association.

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: Ruth Alexander Producer: Diane Richardson

WED 15:30 Inside Health (b04lq2vl) [Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b04lsmhl) Junk Food Traders in Secondary Schools; Darjeeling Tea

Tea workers in Darjeeling. Laurie Taylor talks to Sarah Besky, Assistant Professor in Anthropology at the University of Michigan, about her study of the tough lives of tea plantation workers, and the struggle to re-make one of the world's most expensive teas for the 21st century consumer. Also, the sociologist, Adam Fletcher, discusses an emerging underground trade in junk food at English secondary schools. Is this an unforeseen result of 'healthy food' policies?

WED 16:30 The Media Show (b04lsmhn)

Liddiment and Hastings leave the Trust; Women in the media;

Two of the founding members of the BBC Trust leave their

position this week. David Liddiment and Alison Hastings have seen the governing body through some tough times over the last few years, dealing with upsets like Savile, executive pay and the collapse of the Digital Media Initiative. Steve Hewlett talks to them about the challenges, dilemmas, and their views on the future of what some have described as a discredited arm of the organisation.

The House of Lords heard evidence this week about the representation of women in news and current affairs broadcasting both on and off screen. A number of recent studies have indicated concern about of women in terms of employment, casting and participation. Steve Hewlett hears from two experts who gave evidence to the Inquiry - Suzanne Franks, Professor of Journalism at City University London and author of 'Women and Journalism' and Jane Martinson, Head of Media at the Guardian. Steve also hears from Dorothy Byrne, Head of News and Current Affairs at Channel 4

The Independent Press Standards Organisation (Ipso) says it's considering whether to continue with a full investigation into the Sunday Mirror for the sex sting carried out against MP Brooks Newmark, despite the complaint against the newspaper being dropped. It would be the first time that a press regulator has continued to investigate a complaint in the absence of a complainant, and could be a significant precedent. Steve talks to Jane Martinson, Head of Media at the Guardian, who has been following the story.

Producer: Katy Takatsuki.

WED 17:00 PM (b04lsmhq)

Full coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b04lp549)

The latest national and international news from BBC Radio 4.

WED 18:30 In and Out of the Kitchen (b01q8l39) Series 2

Valentine's Day

Tradition in the Trench/MacIlveny household dictates that Valentine's Day is the one day of the year when Damien is not allowed in the kitchen and Anthony can be left alone to cook a special meal to celebrate the occasion... much to Damien's

Meanwhile, Damien struggles to finish the links to a new series for Sky Arts all about the dietary habits of the great poets. And his dad has an unfortunate accident whilst walking the dog...

Written by Miles Jupp.

Damien Trench Miles Jupp Anthony MacIlveny Justin Edwards Damien's Mother Selina Cadell Builder Ben Crowe Mr Mullaney Brendan Dempsey Marion Duffett Lesley Vickerage

Producer: Sam Michell

First broadcast on BBC Radio 4 in January 2013.

WED 19:00 The Archers (b04lsmhs)

David asks Jill whether she'd consider accompanying them north to view their latest farm prospect next week. Jill's unsure. She confides to Peggy that she feels she should go; Ruth and David are trying so hard to make her feel included. Peggy admits she'd be heartbroken if Jill left. Jill assures her she's had plenty of offers of accommodation if she decides to stay in Ambridge. Carol joins them, and Jill canvasses their opinion as to whether they agree Susan and Clarrie are behaving strangely at the moment and asking odd questions. Peggy and Carol start to cover, but then decide Jill needs to know the truth about Elizabeth and Rov.

Proud Joe shows Carol the newly tidied cider shed. Carol shows a polite interest in Eddie's upcoming 'interactive exhibition', but her real interest lies in tasting the cider. She concedes it's excellent; Joe should consider marketing it. John would have loved it. They reminisce for a while, and Carol lets slip that David and Ruth may have to sell up. Joe can't believe it. Slightly the worse for drink he heads over to Brookfield to express his sympathies. He's in full flow to Ruth and David when Jill walks in. It's too much for her, and she rushes out in tears

WED 19:15 Front Row (b04lsmhv)

Michael Sheen, Egon Schiele, Daniel Kehlmann, classic hip-hop album Illmatic explored

Michael Sheen talks to Kirsty Lang about performing Dylan Thomas's Under Milk Wood on stage in New York; Lynda

Nead reviews the new Egon Schiele exhibition The Radical Nude at London's Courtauld Gallery; Daniel Kehlmann on his new novel F; and Akala, Erik Parker, One9 and Jacqueline Springer discuss the classic hip hop album Illmatic, 20 years on.

Producer Jerome Weatherald.

WED 19:45 Germany: Memories of a Nation (b04k6scx) [Repeat of broadcast at 09:45 today]

WED 20:00 Moral Maze (b04lsmhx)

Ched Evans

The case of the footballer and convicted rapist Ched Evans is a morality tale for our times. Evans, who played for Wales and Sheffield United, was jailed for 5 and a half years after being found guilty of raping a woman who was so drunk she couldn't give her consent. Clayton McDonald, then a Port Vale defender, who was also involved, was cleared of the same charge. Evans has always maintained his innocence and has not apologised to the victim. He's now been released on licence and there are calls for him to return to his footballing career. An online petition with 150,000 signatures says Sheffield United should not take him back. The story may read like a tawdry tabloid expose, but it actually goes to the heart of the kind of society we want and the kind of people we want to be. Should a convicted rapist who's served his time and maintains his innocence be entitled to get his job back? Does the need for forgiveness and rehabilitation trump the need for continuing disgrace and the need to make an example of someone who for many should be a role model? Does the fact of being a high profile figure put you in a different moral category that deserves extra punished? Or does that send out a message that even though you've served your time you still may not be allowed the chance to rebuild your life and reintegrate in to society.

Panellists: Michael Portillo, Melanie Phillips, Claire Fox, Giles

Witnesses: Charlotte Webster, David Walsh, Dr Clare Carlisle, Dr Nina Burrowes

Produced by Phil Pegum.

WED 20:45 Four Thought (b04lsmhz)

Risk and Reward

Entrepreneur Robyn Scott tells the remarkable story of her transformative work with murderers and other violent criminals in one of South Africa's most notorious jails, and she argues that accepting more risk will improve public services.

Producer: Giles Edwards.

WED 21:00 Costing the Earth (b04lq28p)

[Repeat of broadcast at 15:30 on Tuesday]

WED 21:30 Midweek (b04lsl1v)

[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b04lp54c)

The latest weather forecast

WED 22:00 The World Tonight (b04lsmj1)

In-depth reporting and analysis from a global perspective.

WED 22:45 Book at Bedtime (b04lsmj3)

Nora Webster

The Power of a Widow's Curse

From the author of Brooklyn, a powerful and honest portrayal grief and hope in rural Ireland, read by Brid Brennan

It is the 1960s and Nora Webster is living with her two young sons in a small town on the east coast of Ireland. Her husband has just died and Nora is struggling to work out how to forge a new life for herself, and for her grieving children.

Today: When her son's education comes under threat, Nora realises the power of a widow's curse.

Reader: Brid Brennan

Writer: Colm Toibin was born in Ireland in 1955. He is the author of six novels including The Blackwater Lightship and The Master, both of which were shortlisted for the Booker Prize, and Brooklyn which was longlisted for the Man Booker Prize and won the Costa Novel Award, plus an earlier collection of stories, Mothers and Son

Abridger: Sally Marmion

Producer: Justine Willett.

WED 23:00 The Music Teacher (b01gvrvw) Series 2

Episode 5

Richie Webb returns as multi-instrumentalist music teacher

Nigel finds himself agreeing to join an unusual Simon and Garfunkel tribute act. Meanwhile Belinda is attempting to keep a coachload of pensioners captive in the Arts Centre Gift Shop.

Directed by Nick Walker Audio production by Matt Katz

Written and produced by Richie Webb A Top Dog Production for BBC Radio 4.

WED 23:15 Terry Pratchett (b01r9rty)

Eric has summoned a demon and wished to meet the most beautiful woman in the world. Unfortunately, this lands him in a wooden horse in the middle of a rather famous siege

Fortunately, he is accompanied by junior wizard Rincewind, and his indefatigable Luggage.

Terry Pratchett's many Discworld novels combine a Technicolor imagination with a razor sharp wit, especially when he rewrites Faust as spotty teenage demonologist Eric.

Rincewind Mark Heap Death Geoffrey Whitehead Eric Will Howard Lavaeolus Rick Warden Elenor Christine Absalom

Sergeant Ben Crowe Demon King Astfgl Nicholas Murchie Creator Robert Blythe

Adapted in four parts by Robin Brooks.

Director: Jonquil Panting

First broadcast on BBC Radio 4 in 2013.

WED 23:30 Today in Parliament (b04lsmj5)

The Prime Minister blames human rights legislation for the failure to deport more foreign criminals

Responding to a report by the public spending watchdog, the National Audit Office, David Cameron says the Government is taking action.

The Labour leader, Ed Miliband, accuses Mr Cameron of attacking the Welsh NHS to divert attention from problems in England.

Sinn Fein and the nationalist SDLP face accusations of blocking the National Crime Agency from fully operating in Northern Ireland and leaving it open to criminal gangs And the food critic, Jay Rayner, offers MPs his recipe for

improving food production. Susan Hulme and team report on today's events in Parliament.

THURSDAY 23 OCTOBER 2014

THU 00:00 Midnight News (b04lp55g)

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

THU 00:30 Germany: Memories of a Nation (b04k6scx) [Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b04lp55i) The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b04lp55l)

BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b04lp55n) The latest shipping forecast.

THU 05:30 News Briefing (b04lp55q) The latest news from BBC Radio 4

Supported by bbc.co.uk/programmes/

THU 05:43 Prayer for the Day (b04n69cp)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies.

THU 05:45 Farming Today (b04lsqgn)

Farmland birds, environmental stewardship, beetroot harvest

The annual count of farmland birds is expected to show another decline when it's published by Defra later this morning. The annual 'bird index' began nearly 50 years ago, and has seen a year on year decrease in species such as the grey partridge, the turtle dove and corn bunting. The RSPB is calling for more targeted financial help for farmers to sustain natural habitats It's been a good growing season for many agricultural crops, but some beetroot and potato farmers are now struggling after seeing sales fall by as much as 20 percent. With more product around, but less demand, prices are being affected, and some farmers are having their contracts cut.

We report on a free app that can help farmers work out the available nitrogen, phosphate and potash values in manure and

THU 05:58 Tweet of the Day (b04hkyht)

House Crow

Tweet of the Day is the voice of birds and our relationship with them, from around the world.

Miranda Krestovnikoff presents the house crow, native of southern Asia. Leggier and longer-billed than the slightly larger European carrion crow and having a charcoal grey bib and collar and raucous call, these are common birds in towns and villages from Iran through India to Thailand. As scavengers the eat almost anything, which is how they've come to live alongside us. We provide water as well as food and have introduced the birds into areas of the Middle East and Africa Although they don't fly long distances, the crows often hop aboard ships and arrive in foreign ports. Ship-assisted house crows have the potential to spread around the globe, a beautiful example of avian exploitation of human activity.

THU 06:00 Today (b04lsqgq)

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

THU 09:00 In Our Time (b04lsqgs)

The Haitian Revolution

Melvyn Bragg and his guests discuss the Haitian Revolution. In 1791 an uprising began in the French colonial territory of St Domingue. Partly a consequence of the French Revolution and partly a backlash against the brutality of slave owners, it turned into a complex struggle involving not just the residents of the island but French, English and Spanish forces. By 1804 the former slaves had won, establishing the first independent state in Latin America and the first nation to be created as a result of a successful slave rebellion. But the revolution also created one of the world's most impoverished societies, a legacy which Haiti has struggled to escape.

Kate Hodgson, Postdoctoral Research Fellow in French at the University of Liverpool

Tim Lockley, Reader in American Studies at the University of

Karen Salt, Fellow in History in the School of Language and Literature at the University of Aberdeen

Producer: Luke Mulhall.

THU 09:45 Germany: Memories of a Nation (b04k6sd1)

From Clock to Car: Masters of Metal

Neil MacGregor focuses on the long tradition of German metalwork, from finely-engineered clocks to the Volkswagen Beetle, German gold and silversmiths were established as the best in the world, but it was for the making of scientific instruments that Germany's workers of the other metals were especially renowned. They worked across a whole range of disciplines at the highest level, combining academic, scientific and practical skills with mathematics and creative artistry.

Producer Paul Kobrak

THU 10:00 Woman's Hour (b04lsqgv)

Candi Staton. Family Impact of Reporting Historical Sexual Abuse

Candi Staton sings live in the Woman's Hour studio. Dr Nina Burrowes explains what to do if a friend or family member tells

you they have experienced sexual abuse; Fiona Doyle talks about the impact on her family. Leanne Wood, leader of Plaid Cymru tells us why she'd like to see more women in politics. And why shisha cafes are cool places for young, non-drinking women to hang out.

Presenter : Jenni Murray Producer: Kirsty Starkey.

THU 10:45 15 Minute Drama (b04m3ckm)

The Love Song of Miss Queenie Hennessy

By Rachel Joyce

Harold Fry has been walking forty days and Queenie waits. She writes and Sister Mary types. Did David steal the poems and will Queenie's secret be revealed?

Queenie Sophie Thompson Harold Paul Venables Sister Mary Inconnue Roslyn Hill David Monty d'Inverno Sister Catherine Elaine Claxton Sister Lucy Hannah Genesius Finty Jane Slavin Mr Henderson Michael Bertenshaw

Directed by Tracey Neale

THU 11:00 From Our Own Correspondent (b04lp55s) Home-Grown Heroes

War may still be raging in the east, but Ukraine's gearing up for elections -- and Jamie Coomarasamy says there are some unexpected candidates; Michael Bristow in Indonesia meets a former jihadist who now works for the government and has become something of a celebrity; not far from California's information hub, Silicon Valley, an old Native American language faces extinction - Caroline Davies explains why it's being allowed to go; a civil war rumbles on in South Sudan --James Copnall's been meeting some who were forced to flee into the bush, living off wild animals and water lilies; the European Union's spent billions on programmes aimed at integrating the Roma people, but many remain out on the margins of society, as Lucy Irvine's been finding out in Bulgaria.

THU 11:30 Cuba Offline (b04lsqgx)
Cuba is one of the last pre-internet cultures on the planet. Partly as a result of the US blockade, partly because of the Cuban government's policy, only a small elite can get online. Most people over school age have never experienced the internet. But as Nick Baker finds out with the aid of Anglo-Cuban journalist Arnaldo Hernandez Diaz, things are beginning to change

Nick and Arnaldo go to state-run internet cafés, speak to bloggers, and visit one of the country's first estate agents. It has a dot com address but, however modern it looks, it isn't really online. A staff member has to shell out for expensive hotel Wi-Fi to update the website. Nick and Arnaldo also learn about the lively unofficial market in downloaded TV and movies. circulating door to door rather than digitally

If and when the internet becomes widely accessible, the effect on Cuba's economy might be more significant than the impact on freedom of speech. The programme also looks at the American attempt to infiltrate Cuba's fledgling mobile phone and text service, and what the state is doing to defend itself from 'harmful outside influences'.

Speakers include Cubans queuing for hours to get email service on their phones and people who would dearly love to get connected, to spread their opinions or advertise their services

There's no question Cuba is preparing itself for increased internet access, and it will have a major effect on social, cultural and media life there. Nick and Arnaldo consider the potential damage to Cuba's very personal social culture, and the political impact of Cuba finally getting online.

Produced by Nick Baker A Testbed production for BBC Radio 4.

THU 12:00 News Summary (b04lp55v)

The latest national and international news from BBC Radio 4.

THU 12:04 21st Century Mythologies (b04lsqgz) The E-Reader

In 1954, the French critic and semiotician Roland Barthes began a series of essays in which he analysed the popular culture of his day. He called his essays "Mythologies." In this

series of witty talks, the acclaimed writer and critic Peter Conrad delivers a series of 21st Century Mythologies in a French accent of the mind. Conrad ranges over the defining effluvia of our era, from the Shard, to the Kardashians to today, the e-reader.

THU 12:15 You and Yours (b04lsqh1)

Disability benefits; School bus fares; Are we back in love with

New research from a group of five charities - the MS Society, Parkinson's UK, Motor Neurone Disease Association, the National Rheumatoid Arthritis Society and The Cystic Fibrosis Trust - shows that thousands of people with progressive illnesses are having to do what the charities call "farcical" fitness to work tests, causing them financial stress and anxiety.

The Business Growth Fund has just announced a ten million pounds investment in the parent company of Victoria Carpets a 100 year old manufacturer of floor coverings. We ask if we're forsaking bare floorboards for something more comfy... and

Students in England now have to stay in education or training until they're 17. Next year it rises to 18. But most local authorities - outside of London - only help towards the cost of getting to school if you live within a certain distance and if you're under 16. Is this fair?

Producer: Olive Clancy Presenter: Winifred Robinson.

THU 12:57 Weather (b04lp55x)

The latest weather forecast

THU 13:00 World at One (b04lsqh3)

Analysis of current affairs reports, presented by Mark Mardell.

THU 13:45 Hidden Histories of the Information Age (b04m3ftg)

Leo Computer

The company that brought computers into business was Lyons, known for its cakes and teashops. Aleks Krotoski tells the story of how this technology transformed office work.

One element of the first Lyons Electronic Office, or LEO, computer is on display in the 'Information Age' gallery at the Science Museum in London. This new gallery tells the story of the evolution in how we communicate with with each other. The objects in the exhibition represent cultural moments from the last 200 years - not just technological innovations.

Aleks Krotoski talks to Dr Tilly Blyth and Jessica Bradford of the Science Museum about how Lyons brought computers to its business and hears from one of the first programmers. A tea shop manager recalls how LEO changed her working life.

THU 14:00 The Archers (b04lsmhs)

[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama (b04n9301)

Golden Years

Monty Street, Mansfield

by Sebastian Baczkiewicz.

The second of two plays based on the myths of rock and roll. Ezra and Lottie are an ordinary couple with an extraordinary problem - a dead rock star in their bathtub. And why are there Hell's Angels at their door?

Directed by Marc Beeby.

THU 15:00 Ramblings (b04lsr0n)

Series 28

The Dales Way, Part Six

Clare Balding enjoys the final leg of The Dales Way in the company of one of the men who designed it, Colin Spearman. Colin, joined by his wife Fleur, explains his intention of linking the industrial conurbations of West Yorkshire with the Lake District. As they walk from Staveley to Bowness, Clare reflects on her experience of the route and how much it has meant to her. Colin, Fleur and Clare celebrate the end of the journey with ice cream and a paddle in Lake Windermere Producer Lucy Lunt.

THU 15:27 Radio 4 Appeal (b04lp62b)

[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Open Book (b04lpd9v)

[Repeat of broadcast at 16:00 on Sunday]

THU 16:00 The Film Programme (b04lss81)

Babadook, Scary children, Nightcrawler, Lightsabers

Director of The Babadook, Jennifer Kent explains how she used the psychological to create horror, and the talks about the challenges in casting kids. Film critic Kim Newman takes a look at children in horror films, from The Innocents to The Exorcist. British actor Riz Ahmed discusses his new role in Nightcrawler and discusses the role that instant internet news plays in todays media and our responsibility as consumers of it. Francine Stock presents a new series running throughout The Film Programme for the next two months- The Story Of The Sound Effect. To mark the BFI's season Days Of Fear And Wonder, the programme will hear from the people who created some of the most famous sound effects in the history of science fiction cinema. This week, Ben Burtt on the lightsaber.

THU 16:30 BBC Inside Science (b04lss83)

Hobbit; Genetics of height; Solar science; Snails

It's 10 Years since an unusual skeleton was unearthed on the island of Flores. This species, Homo floresiensis, dubbed 'the Hobbit' because of its short stature, offered a whole new picture of human evolution and has been causing divisions among scientists ever since. Lucie visits Professor Chris Stringer in the Natural History Museum to pick over the bones of a controversial find.

Tall parents tend to have tall children. We already know that height is genetic. Less well known is how various genes control the growing process. Recent research from the University of Exeter found nearly 700 genetic variants that play a role in influencing a person's height. Professor Tim Frayling, a lead author, explains how the work, which involve scanning more than a quarter of a million genomes, could help with disease, forensics and predicting a child's adult height.

Great ball of fire. The Sun throws out more than just light and heat; for solar scientists, it is also a source of many mysteries. Why is the surface of the sun less hot than its corona, or outer atmosphere? New research using the NASA satellite telescope, IRIS, or the Interface Region Imaging Spectrograph is providing new insights.

Earlier this month, a group of more than 100 snail experts (malacologists) from across Europe gathered in Cambridge to discuss the latest research into molluscs - the group of animals that includes everything from squid and octopus in the seas to slugs and snails on land. After three days of lectures, the malacologists were let loose in the Cambridge Botanic Gardens Reporter Helen Scales went with them on a snail hunt

Producer - Fiona Roberts

THU 17:00 PM (b04lss85)

PM at 5pm- Eddie Mair with interviews, context and analysis.

THU 18:00 Six O'Clock News (b04lp55z)

The latest national and international news from BBC Radio 4.

THU 18:30 John Finnemore's Souvenir Programme (b04lss87)

Series 4

John Finnemore, the writer and star of Cabin Pressure, regular guest on The Now Show and popper-upper in things like Miranda, records a fourth series of his hit sketch show.

2/6: This second edition of the fourth series has a sketch that you'll never really own; the rudest of awakenings for one particular pet; and a look at the often ignored positive side of stereotyping.

The first series of John Finnemore's Souvenir Programme was described as "sparklingly clever" by The Daily Telegraph and "one of the most consistently funny sketch shows for quite some time" by The Guardian. The second series won Best Radio Comedy at both the Chortle and Comedy.co.uk awards, and was nominated for a Radio Academy award. The third series actually won a Radio Academy award.

In this fourth series, John has written more sketches, like the sketches from the other series. Not so much like them that they feel stale and repetitious; but on the other hand not so different that it feels like a misguided attempt to completely change the show. Ouite like the old sketches, in other words, but about

different things and with different jokes. (Although it's a pretty safe bet some of them will involve talking animals.)

Written by and starring ... John Finnemore Also featuring ... Margaret Cabourn-Smith, Simon Kane, Lawry Lewin and Carrie Quinlan.

Original music by ... Susannah Pearse. Producer ... Ed Morrish.

THU 19:00 The Archers (b04lstkm)

Ed's still feeling the pressure of living at Ambridge View Jazzer reckons Ed works too hard. He should kick back a bit; why doesn't he take Fallon to see 'Halloween'? Ed declares he and Emma are out that night, but suggests maybe Jazzer should go with Fallon. Jazzer demurs; he might be on a promise. He suggests instead that he and Ed should have a proper session sometime soon - just a few jars

Jill confronts Elizabeth over what she's heard about her and Roy. Elizabeth admits everything. When Jill sees her obvious anguish and regret she soften, and comforts her tearful daughter. Jill has to break it gently to Elizabeth that quite a few people know about the affair. Elizabeth fears her reputation is in ruins, but Jill reassures her that she's still very much loved, and that Lilv and Freddie will just need time to come to terms with what's happened. Grateful Elizabeth doesn't know what she'd do without her mum. The two of them decide to go for a walk. On the way Jill calls at the shop and puts Susan firmly in her place. Meanwhile Elizabeth ignores a voicemail message from Roy, and mother and daughter set off.

THU 19:15 Front Row (b04lstkp)

Boris on Churchill: Serena reviewed

In tonight's Front Row Boris Johnson considers Churchill's legacy on the 50th anniversary of his death, and there's a review of the film Serena - a dark tale about a troubled marriage in the Depression-era, starring Jennifer Lawrence and Bradley

Also in the programme: this year's Art Review Power 100 List is assessed, and brothers Harry and Jack Williams discuss moving from writing comedy to a sombre subject matter in their TV drama about a missing child.

Presenter: Razia Ighal Producer: Rebecca Nicholson.

THU 19:45 Germany: Memories of a Nation (b04k6sd1)

[Repeat of broadcast at 09:45 today]

THU 20:00 Law in Action (b04lq28r)

[Repeat of broadcast at 16:00 on Tuesday]

THU 20:30 The Bottom Line (b04lstkr)

Flash Sales

Flash sale companies are growing fast. Evan Davis and guests discuss how this new retail sector is changing the way we shop. How does the business model work? Just how low can the prices go? And are these internet discounters a help or a hindrance for luxury brands?

Victoria Walton, co-founder Sportpursuit Jamie Jackson, executive vice-chairman MySale Group Ilan Benhaim, co-founder Vente-Privee

Producer: Rosamund Jones

THU 21:00 BBC Inside Science (b04lss83)

[Repeat of broadcast at 16:30 today]

THU 21:30 In Our Time (b04lsqgs)

[Repeat of broadcast at 09:00 today]

THU 21:58 Weather (b04lp561)

The latest weather forecast.

THU 22:00 The World Tonight (b04lstkt)

In-depth reporting and analysis from a global perspective.

THU 22:45 Book at Bedtime (b04lstkw)

Nora Webster

She Had No Idea What to Do

From the author of Brooklyn, a powerful and honest portrayal grief and hope in rural Ireland, read by Brid Brennan. It is the 1960s and Nora Webster is living with her two young

sons in a small town in Wexford. Her husband has just died and Nora is trying to find a way to forge a new life for herself, and for her grieving children.

Today: With Donal struggling at school and Aine becoming more and more involved in politics, Nora fears she cannot hold the family together.

Reader: Brid Brennan

Writer: Colm Toibin was born in Ireland in 1955. He is the author of six novels including The Blackwater Lightship and The Master, both of which were shortlisted for the Booker Prize, and Brooklyn which was longlisted for the Man Booker Prize and won the Costa Novel Award, plus an earlier collection of stories, Mothers and Sons.

Abridger: Sally Marmion Producer: Justine Willett.

THU 23:00 52 First Impressions with David Quantick (b04lstky)

Series 1

Episode 2

Journalist and comedy writer David Quantick has met and interviewed hundreds of people. What were his first impressions, how have they changed and does it all matter?

In this second programme (of four), there are stories about David Bowie, Fidel Castro and his dad, among others.

Producer: Steve Doherty

A Giddy Goat production for BBC Radio 4.

THU 23:30 Today in Parliament (b04lstl0)

Sean Curran watches as Labour keeps up its attack on the Government's record on Health Service funding.

Also on the programme.

- * Fixed-Term Parliaments. Are they a good innovation? Or have they made politics dull and predictable?
- More discussion on the critical balance between individual freedom and the rights of the nation to be protected.
- * Does NATO have a role to play in combating the deadly Ebola outbreak?
- * And Of Mice and Men. MPs discuss whether a cat should be introduced into Parliament, in the light of the increasing numbers of mice seen scurrying around the Palace of Westminster.

FRIDAY 24 OCTOBER 2014

FRI 00:00 Midnight News (b04lp577)

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

FRI 00:30 Germany: Memories of a Nation (b04k6sd1)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b04lp579)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b04lp57c)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b04lp57f)

The latest shipping forecast.

FRI 05:30 News Briefing (b04lp57h) The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b04n69im)

A spiritual comment and prayer to begin the day with Shaunaka Rishi, Director of the Oxford Centre of Hindu Studies

FRI 05:45 Farming Today (b04lsxh1)

Pumpkin Harvest; Environment Agency on Slurry; First Aid for

Will there be a pumpkin shortage at Halloween next week? We hear from a grower in Lincolnshire who describes that up to 40% of the crop is rotting in the fields around Spalding, the 'Pumpkin Triangle'. However, it's a very different picture in Kent, where pumpkin growers are reporting a bumper crop.

Concluding our week's theme on the pros and cons of using manure as a natural fertiliser, Charlotte Smith speaks to Chris Tuckett of the Environment Agency who describes the damage caused by slurry entering streams and watercourses

Also, given the numbers of accidents that occur in agriculture, we hear a report from Aberdeenshire farmers who're attending a First Aid course

And it's farewell to Farming Today's 'Friday Funny'. In a closerun ballot, listeners have voted 54% against 46% to discontinue the end of week gag. So this is the final one, sent in by Jon Hunt of Gloucester:

"I don't buy fat-free milk because I don't want to encourage cows with negative body image.

Presented by Charlotte Smith and produced by Mark Smalley.

FRI 05:58 Tweet of the Day (b04hkylk)

King Eider

Tweet of the Day is the voice of birds and our relationship with them, from around the world.

Miranda Krestovnikoff presents the Arctic specialist the king eider duck. Relatives of the larger common eider found around the British coast, king eiders breed around the Arctic and sub-Arctic coasts of the northern hemisphere. As true marine ducks they can dive to depths of 25 metres on occasion, to feed on molluses and marine crustaceans. The drake King Eider has colourful markings; having a black and white body with a reddish bill, surmounted by an orange-yellow shield. His cheeks are pale mint-green and his crown and nape are lavender-grey. He uses his bill pattern and head colours in a highly ritualised display to woo his mate, fluffing up his chest and issuing an amorous coo-ing call.

FRI 06:00 Today (b04lsxh3)

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

FRI 09:00 Desert Island Discs (b04mgsj9)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Germany: Memories of a Nation (b04k6sd5) Bauhaus: Cradle of the Modern

Neil MacGregor focuses on the Bauhaus school of art and design, founded in Weimar in 1919.

Our cities and houses today, our furniture and typography, are unthinkable without the functional elegance pioneered by the Bauhaus.

Producer Paul Kobrak

FRI 10:00 Woman's Hour (b04m3ict)

Norway female conscription; biscuit girls; paddle dolls and

Anorexia has the highest mortality rate of any psychological illness and the number of patients has increased by 15 per cent since 2000. Every year, GPs diagnose about 5,000 young people as having an eating disorder, but following new report critics say it takes too long for patients to see a specialist. The study involved 445 adults who have suffered from or are suffering from anorexia. Once they'd been referred, 48% had to wait over a month before their treatment started.

They are called the biscuit girls or known locally as the cracker packers and they used to work at Carr's Factory in Carlisle. Now Hunter Davies has written a book called "The Biscuit Girls" featuring interviews with six of the women who worked there as far back as the 1940s.

A new Egyptology exhibition opens on Friday, October 24th at The Atkinson in Southport. Not seen for 40 years, it represents the lifetime collection of a Victorian woman called Anne Goodison. Among the star exhibits are a couple of uniquely preserved and intriguingly named "Paddle Dolls"

Presenter:Jenni Murray Producer:Bernadette McConnell.

FRI 10:45 15 Minute Drama (b04m3cf2)

The Love Song of Miss Queenie Hennessy

The Arrival

By Rachel Joyce

Queenie is waiting for Harold Fry to arrive but she is runnng out of time. As she writes we discover why she has hidden away from him for over twenty years.

Oueenie Sophie Thompson Harold Paul Venables Sister Mary Inconnue Roslyn Hill Sister Catherine Elaine Claxton

Sister Lucy Hannah Genesius Finty Jane Slavin

Mr Henderson Michael Bertenshaw David Monty d'Inverno

Directed by Tracey Neale

FRI 11:00 Reclaiming the Swastika (b04lsxh5)

For most people in the West, the swastika remains inextricably linked to the atrocities committed by the Nazis in the last century. But there have been calls to reclaim the symbol from its Nazi links and restore its origin as an ancient symbol signalling good luck. Many people find the idea deeply

So can these two views ever be reconciled? Mukti Jain Campion examines the symbol's long and surprising pre-Nazi history and discovers how the Nazi adoption of it is based on a mistaken interpretation of ancient Indian texts.

She talks to historians, visits the world's oldest identified swastika in Ukraine, meets a tattoo artist in Copenhagen with a mission to revive the ancient symbol and hears what the swastika means today to a 93 year old Jewish holocaust survivor.

Produced by Mukti Jain Campion A Culture Wise production for BBC Radio 4.

FRI 11:30 Jeeves - Live! (b03v00qw) Series 2

Jeeves Takes Charge

Martin Jarvis performs the second of two of two celebrated P.G. Wodehouse stories, starring Bertie Wooster and his urbane

Recorded before a live audience, the performance was a highlight of the 2013 Cheltenham Festival of Literature.

This is Bertie's account of how he hired Jeeves as his 'gentleman's personal' gentleman. Jeeves's first task is to assist Bertie in spiriting away a scandalous family memoir, before publication. And more crucially, extricating the young master from the clutches of Florence.

It's a one-man tour de force - as well as Jeeves and Wooster Jarvis also portrays Bertie's fiendish fiancée Florence Craye. In reviews for his previous one-man Radio 4 Wodehouse performance, The Times said, "Outshining all was Martin Jarvis in the funniest performance of the year...Jarvis switched unerringly from one character to the next."

Martin Jarvis received a Theatre World Award for his performance as Jeeves in 'By Jeeves' on Broadway.

Directed by Rosalind Avres A Jarvis and Ayres production for BBC Radio 4.

FRI 12:00 News Summary (b04lp57k)

The latest national and international news from BBC Radio 4.

FRI 12:04 21st Century Mythologies (b04lsxh7)

The 9/11 Museum

In 1954, the French critic and semiotician Roland Barthes began a series of essays in which he analysed the popular culture of his day. He called his essays "Mythologies." In this series of witty talks, the acclaimed writer and critic Peter Conrad delivers a series of 21st Century Mythologies in a French accent of the mind. Conrad ranges over the defining cultural icons of our era, from the Shard, to the Kardashians to today, the e 9/11 Museum.

FRI 12:15 You and Yours (b04m3icw)

Anne Fine on Gender-Biased Books; Overcrowded Canals; Fare

Four major publishers have decided to stop printing books with titles including 'for girls' and 'for boys'. The bestselling children's author Anne Fine tells Peter White why it's about time gender-biased books are taken off the shelf

Rising property prices in London and the south-east have led some people to give up bricks and mortar, and head on to the canals. The Canal and River Trust says it's a growing concern, because "the system wasn't designed to hold so many boats". You & Yours finds out the true extent of the rise, and discovers what life is like aboard a London narrow boat.

Plus fare wars: Simon Calder tells us about the increase in flights this winter from London City Airport to Dublin.

Presenter: Peter White Producer: Natalie Donovan.

FRI 12:57 Weather (b04lp57m)

The latest weather forecast

FRI 13:00 World at One (b04lsxh9)

Analysis of current affairs reports, presented by Martha Kearney.

FRI 13:45 Hidden Histories of the Information Age (b04m3jcy)

GPS

Soldiers traditionally learned to find their way around with a compass and a map. Aleks Krotoski explores how GPS transformed navigation during the first Gulf War in 1991.

An early brick sized GPS device is on display in the 'Information Age' gallery at the Science Museum in London. This gallery tells the story of the evolution in how we communicate with with each other. The objects in the exhibition represent cultural moments from the last 200 years not just technological innovations.

Aleks Krotoski tells the story of the development of GPS, from its first use by the US military to now being a part of every modern mobile phone, with Dr Tilly Blyth and Dan Green of the Science Museum, historian Professor Jeremy Black of Exeter University and a British soldier whose life was saved by it in the first Gulf War.

FRI 14:00 The Archers (b04lstkm)

[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Drama (b01hxpxw)

James Graham - The Grudge

A wry political comedy from James Graham. The only British prime minister ever to be assassinated was shot as he entered the House of Commons. Two centuries later, as the turbulent elections of 1997 loom, could that event change the political landscape of a sleepy rural constituency, its settled incumbent and unwitting electorate?

Director Peter Kavanagh.

FRI 15:00 Gardeners' Question Time (b04lsxhc)

Eric Robson chairs the horticultural panel programme from Findon in West Sussex. Bunny Guinness, Christine Walkden and Matthew Wilson take questions from the audience of local gardeners.

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

For more information on Tristan Gooley, the Natural Navigator featured in this week's programme - visit his website here: www.naturalnavigator.com

This week's questions and answers:

Q. Can I dig out and transplant a small offshoot (a sucker from the rootstock) of a Japanese Maple? If so, what is the best time to do this?

A. Yes, you could do this, but as Japanese Maples are grafted onto the rootstock of other Acers, so you may get a surprise if the shoot is from the roots! However, it could be a seedling. Either way, move it in late spring.

- Q. How and when should I prune a vigorous Honey Suckle?
- A. Cut it down to two foot next May. You could train the shoots horizontally to encourage flowering
- Q. Can I propagate from Agapanthus seeds? Do they need to be dried and what's the best time to do this?

A. The seeds have to be fully ripe before you sow them. The capsule will turn brown and start splitting - this is the time to harvest. Leave the seeds somewhere quite warm to dry out for about a month. Sow the seeds in a gritty soil mix - possibly a mix of John Innes cutting compost with 25 to 50 percent grit added. Plant them about an inch deep, leave them on the kitchen windowsill and be prepared to wait for anything from a month to up to six months for germination. Leave the seedlings in the seed tray for the first year until you see at least one true leaf. Feed the bulbs with a half-strength fertiliser in the fist year to keep them growing and try and keep them growing for as long as possible. Then let them go dormant and when they come into growth the second year it's time to pot them individually.

Alternatively, you could just divide up existing Agapanthus

Q. Is there a good time to move Peonies and does the panel have any advice on how to encourage flowering's

A. The books say don't do it, but Peonies do move well. Lift the plant in a big clump if possible. Move it in February/ March if you have clay soil. Make sure it has enough moisture. If it's too big to move as one clump, split it gently with your hands and a knife. Make sure you don't plant too high because peonies need lots of moisture and they won't get this if grown on high ground

Q. What is the secret to the successful propagation of French Tarragon?

A. Cuttings. Put them straight into a gritty soil early in the spring.

O. When is a gnarly old rose bush too old?

A. When it stops flowering well and looks decrepit.

Q. How should I tame my large Callistemon (Bottlebrush)

A. Prune beyond the knobbly bits soon after flowering and be bold - they look great if you grow them in large swathes

FRI 15:45 Ian Fleming's Thrilling Cities (b04lsxhf) Chicago and New York

Long In 1959, Ian Fleming, the creator of James Bond, was commissioned by the Sunday Times to explore some of the world's most exotic cities. Travelling to the Far East and then to America, he left the bright main streets for the back alleys, abandoning tourist sites in favour of underground haunts, and mingling with celebrities, gangsters and geishas. The result is a series of vivid snapshots of a mysterious, vanished world.

Fleming wote, 'On November 2nd, armed with a sheaf of visas...one suitcase...and my typewriter, I left humdrum London for the thrilling cities of the world. All my life I have been interested in adventure and abroad. I have enjoyed the frisson of leaving the wide, well-lit streets and venturing up back alleys in search of the hidden, authentic pulse of towns. It was perhaps this habit that turned me into a writer of thrillers.

In today's episode, Fleming flies to the USA and visits the garage in Chicago where the St. Valentine's Day Massacre took place. In New York, he thrills at the sight of the traffic lights changing from red to green in unison all the way down Park Avenue.

Read by Simon Williams Abridged by Mark Burgess

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Produced by David Blount A Pier production for BBC Radio 4.

FRI 16:00 Last Word (b04m3id0)

Lynda Bellingham, Ben Bradlee, Geoffrey Perry, John Holt

Andrea Catherwood on:

Lynda Bellingham, a much loved actress, best known as the gravy making mum in Oxo television ads.

Ben Bradlee, charismatic editor of the Washington Post, at the helm of the paper when it broke the Watergate scandal which brought down President Nixon.

John Holt, the honey voiced Jamaican reggae artist and

Geoffrey Perry, a Berlin born Jew who became an officer in the British army and captured Lord Haw Haw, the Nazi propaganda broadcaster, at the end of the war.

FRI 16:30 Feedback (b04m3id2)

Lord Heseltine has been criticised for his use of the word 'handicapped' on Radio 4's Any Questions. But should Jonathan Dimbleby or the programme's producers have stepped in to correct him? Radio 4's Peter White, who's also the BBC's Disability Affairs Correspondent, gives his take on the evolution of terminology -and the minefield of words to avoid.

Moral Maze presenter Michael Buerk also came under fire this week for his choice of words in a live on-air trail. He was promoting this week's debate on whether the footballer and convicted rapist Ched Evans should be allowed to return to his footballing career. But the trail led many to accuse the presenter of victim blaming

And will there ever be a perfect political interview to please all

listeners? This week the interviewing skills of Today presenters John Humphrys and Sarah Montague are called into question. But who is really at fault here - is it the combative approach of interviewers or the impenetrable defence of politicians?

The BBC wants to reflect the UK's ethnic diversity more accurately in both television and radio broadcasting. In order to widen their pool of expert contributors, the BBC Academy has launched a series of Black and Minority Ethnic Expert Voices Days. Two applicants who attended the event explain why they want to help change the look and sound of the BBC.

And get your headphones at the ready for a glimpse into the world of surround sound and binaural audio.

Produced by Will Yates

A Whistledown production for BBC Radio 4.

FRI 16:55 The Listening Project (b04lsy01)

Christine and Adam - Understanding Dad

Fi Glover with a conversation between a mother and son about the distance between the son and his father, and the similarities she sees in them.

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

Producer: Marya Burgess.

FRI 17:00 PM (b04m3jd4)

PM at 5pm- Eddie Mair with interviews, context and analysis.

FRI 18:00 Six O'Clock News (b04lp57p)

The latest national and international news from BBC Radio 4.

FRI 18:30 The News Quiz (b04lsy03)

Series 85

Episode 1

A satirical review of the week's news, chaired by Sandi Toksvig, featuring Sarah Millican, Sara Pascoe and Hugo Rifkind, with regular panellist Jeremy Hardy.

FRI 19:00 The Archers (b04lsy0c)

Brian admits he's struggling to come to terms with the possible sale of Brookfield. As he and David reminisce Brian expresses his gratitude for the listening ear David's provided over the years. He suggests he could help them diversify rather than move, but David would rather move the farm than lose its soul. Brian admits when it's put like that there's not much he can say. Meanwhile he'll keep everything crossed that David and Ruth aren't forced to sell.

Jazzer's finding the company of Ed and Roy a bit of an effort. No matter how much he tries to ply them with drink, they're both stubbornly morose. He finally gets through to Ed, who asserts to Roy that maybe they should take a leaf out of Jazzer's book and grab whatever life throws at them. Buoyed up by Jazzer's promise to help grow the sheep shearing business, Ed has several more drinks for the road, before disgracing himself on Susan's sofa.

Drunk Roy turns up at Lower Loxley. At first Elizabeth offers comfort. With nothing left to lose Roy misreads the signs and tries to kiss her. Elizabeth pushes him off; nothing's changed and he's drunk. She resolves to make coffee and call him a cab.

FRI 19:15 Front Row (b04lsy0l)

Timothy Spall, Picasso Museum, Maria João Pires, Memphis

Timothy Spall has brought JMW Turner to life in Mike Leigh's new film, Mr Turner - he tells Damian Barr how he did so, learning to paint like the master and using his own love of the sea

The Picasso museum in Paris closed for renovation in 2009, and was scheduled to re-open two years later. But the work took four years longer than that, went over budget and culminated in

the sacking of the museum's president. Waldemar Januszczak reviews the refurbishment.

Damian talks to the legendary Portuguese pianist Maria João Pires, who at the age of seventy has recorded Beethoven's Piano Concertos for the first time.

And Memphis, the musical, arrives in the UK, starring Beverley Knight and Killian Donnelly. A story of music, race and America in the fifties, how well does it work on the London stage? Gaylene Gould reviews.

Presenter: Damian Barr Producer: Sarah Johnson.

FRI 19:45 Germany: Memories of a Nation (b04k6sd5) [Repeat of broadcast at 09:45 today]

FRI 20:00 Any Questions? (b04lsy0t)

Dr Carol Bell, Carwyn Jones AM, Rhun Ap Iorwerth AM, Bernard Jenkin MP

Jonathan Dimbleby presents political debate and discussion from Theatr Brycheiniog in Brecon, Powys, with Welsh First Minister Carwyn Jones AM, Energy expert Dr Carol Bell, Chair of the Public Administration Select Committee Bernard Jenkin MP and Plaid Cymru's Economic Spokesman Rhun Ap Jorwerth AM.

FRI 20:50 A Point of View (b04lsy13)

A Lesson from Love Locks

Adam Gopnik draws a poignant lesson on the nature of true love from the eyesore of love locks in Paris. "Love should never be symbolised by a shackle. Love - real love, good love, love to grow on rather than be trapped in - is a lock to which the key is always available."

Producer: Sheila Cook.

FRI 21:00 Plants: From Roots to Riches (b04lsyrg)

Episode 3

Prof Kathy Willis, Director of Science at the Royal Botanic Garden, Kew, with the omnibus edition of her history of our changing relationship with plants during the early 20th century.

Kathy Willis examines how the complete picture of photosynthesis led to new opportunities to manipulate plant growth; the ability of plants to exhibit multiple forms that shed light on why flowering plants evolved so quickly; the legacy of tree diseases during the 20th century; the hunt for wild ancestors of our domestic crops in order to maintain resilience within our future food supplies; and botanical medicines and the hunt for new medicinal cocktails at home and abroad.

Producer Adrian Washbourne.

FRI 21:58 Weather (b04lp57r)

The latest weather forecast

FRI 22:00 The World Tonight (b04lsyrj)

In-depth reporting and analysis from a global perspective.

FRI 22:45 Book at Bedtime (b04lsyrl)

Nora Webster

Will We Be Alright?

From the author of Brooklyn, a haunting portrayal of grief and hope in rural Ireland, read by Brid Brennan.

It is the 1960s and Nora Webster is living with her two young sons in a small town in Wexford. Her husband has just died and Nora is struggling to work out how to forge a new life for herself, and for her grieving children.

Today: A message from her dead husband forces Nora finally to move on.

Reader: Brid Brennan

Writer: Colm Toibin was born in Ireland in 1955. He is the author of six novels including The Blackwater Lightship and The Master, both of which were shortlisted for the Booker Prize, and Brooklyn which was longlisted for the Man Booker Prize and won the Costa Novel Award, as well as an earlier collection of stories, Mothers and Sons.

Producer: Justine Willett Abridger: Sally Marmion

FRI 23:00 A Good Read (b04lq2ls)

[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Today in Parliament (b04lsyrn)
Mark D'Arcy reports from Westminster.

FRI 23:55 The Listening Project (b04lsyrq)

Christine and Adam - The Isolation of Depression

Fi Glover introduces a conversation between a son who hid the worst of his depression and his mother who wants to understand what happened.

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

Producer: Marya Burgess.

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