

SATURDAY 31 AUGUST 2024**SAT 00:00 Midnight News (m0022cqm)**

National and international news from BBC Radio 4

SAT 00:30 Child (p0hcspsc)

15. Golden Hour

The baby is born and takes its first breath. But it's not over. India examines how the body reacts and recovers in this first hour, how the placenta is born, and how bonding begins between parents and baby. And what if it doesn't? It's not always instant love, and that's okay. India speaks to doula Leila Baker and former midwife Rachel Reed about building that enchantment a different way when the rush of hormones doesn't have the expected effect. Midwife Leah Hazard describes the immediate aftercare and India asks Dr Alison Wright about how more personalised care could improve mothers experiences.

Produced and Presented by: India Rakusen.
Series producer: Ellie Sans.
Production Team: Ella McLeod & Georgia Arundell
Executive producer: Suzy Grant.
Commissioning Editor: Rhian Roberts
Original music composed and performed by ESKA.
Mix and Mastering by Charlie Brandon-King.

A Listen Production for Radio 4 and BBC Sounds.

SAT 00:48 Shipping Forecast (m0022cqp)

The latest weather reports and forecasts for UK shipping

SAT 01:00 Selection of BBC World Service Programmes (m0022cqr)

BBC Radio 4 joins the BBC World Service.

SAT 05:20 Shipping Forecast (m0022cqt)

The latest weather reports and forecasts for UK shipping

SAT 05:30 News Briefing (m0022cqw)

The latest news from BBC Radio 4

SAT 05:43 Prayer for the Day (m0022cyy)

Hope and Loss

A reflection and prayer to start the day with Rev Dr Lesley Carroll

SAT 05:45 Frontlines of Journalism (m001lyqc)

8. Details

Reporting a story requires detail. But how much is enough? Or too much?

Revisiting some of the most difficult stories he and other journalists have had to report, BBC International Editor Jeremy Bowen looks at some of the obstacles that stand between journalists and what Watergate reporter Carl Bernstein once called the 'best obtainable version of the truth'.

Jeremy speaks with: Andrew Norfolk - chief investigative reporter for The Times, Aisha K. Gill - Professor of Criminology at University of Bristol's Centre for Gender and Violence Research, Andrew Mosley - editor of Rotherham Advertiser, Emily Bell - Professor at Columbia University Journalism School and Eliot Higgins - founder of investigative journalism group Bellingcat.

Presenter: Jeremy Bowen
Producer: Georgia Catt
Assistant Producer: Sam Peach
Additional research: Rob Byrne
Series mixing: Jackie Margerum
Series Editor: Philip Sellars

SAT 06:00 News and Papers (m0022kdc)

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

SAT 06:07 Open Country (m0022cm3)

Battery Rocks

Helen Mark discovers a wilderness in the heart of Penzance, in West Cornwall. It's a rocky headland loved by local people, with steps into the open water and views of St Michael's Mount. If you set up a time-lapse camera here at Battery Rocks, you'd see a steady stream of people arriving at this unobtrusive place from sunrise to sunset. It's popular with swimmers, snorkellers, rock-poolers and poets, and it's a haven for wildlife.

Battery Rocks is a haven for people too, a life-saving place of joy and community, according to snorkelling instructor Katie Maggs. Helen goes snorkelling with Katie and discovers how this place inspired poet Katrina Naomi's new collection 'Battery Rocks'. Lucy Luck takes Helen on a rock pool ramble and Mike Conboye leads her in a sunrise swim at the rocks, with music from his acapella group, Boilerhouse.

Producer: Mary Ward-Lowery

SAT 06:30 Farming Today (m0022kdf)

The latest news about food, farming and the countryside

SAT 06:57 Weather (m0022kdh)

The latest weather reports and forecast

SAT 07:00 Today (m0022kdk)

31/08/24 - Nick Robinson and Sean Farrington

News and current affairs, including Sports Desk, Weather and Thought for the Day.

SAT 09:00 The Missing Madonna (m0022kdm)

Monti

A whole new story of the theft of The Madonna of the Yarnwinder emerges, and Olivia comes to terms with how the da Vinci painting has shaped her life so far.

SAT 09:30 Café Hope (m001xwqv)

From behind bars to bikes

Rachel Burden hears from XO Bikes founder Stef Jones about the lightbulb moment that led him to leave the world of advertising, and take on a role training ex offenders to become bike mechanics.

Café Hope is our virtual Radio 4 coffee shop, where guests pop in for a brew and a chat to tell us what they're doing to make things better in big and small ways. Think of us as sitting in your local café, cooking up plans, hearing the gossip, and celebrating the people making the world a better place. We're all about trying to make change. It might be a transformational project that helps an entire community, or it might be about trying to make one life a little bit easier. And the key here is in the trying. This is real life. Not everything works, and there are struggles along the way. But it's always worth a go.

Presenter: Rachel Burden
Producer: Uma Doraiswamy
Sound Design: Nicky Edwards
Researcher: Katie Morgan
Editor: Clare Fordham

SAT 09:45 Animal (m001q119)

Animal Ink

Tigers, snakes, sharks... People love to get animals tattooed on their bodies. What can this tell us about our attitudes towards animals, and our own identities?

In Animal, writer and adventurer Blair Braverman presents stories exploring the curious and fascinating ways humans relate to other animals - from magpies to spiders to creatures of the deepest oceans.

In this episode, Blair hears from tattooist Cameron Hay and scholar Margo DeMello, on the symbolism of animals in tattoos. From icons of working class masculinity to personal tributes to individual animals, tattoos can mean everything... or nothing at all.

Producer and Sound Designer: Arlie Adlington
Co-Producer: Jesse Lawson
Executive Producer: Steven Rajam
Sound Mixing: Arlie Adlington
Series Art: Cameron Hay

An Overcoat Media production for BBC Radio 4

SAT 10:00 You're Dead To Me (m0022kdp)

Palaeolithic Cave Art

Greg Jenner is joined in the Palaeolithic era by Dr Isobel Wisher and comedian Seán Burke to learn about cave art. Tens of thousands of years ago, human ancestors all over the world began drawing and painting on cave walls, carving figurines, and even decorating their own bodies. Although archaeologists have known about Palaeolithic art since the late 19th Century, cutting-edge scientific techniques are only now helping to uncover the secrets of these paintings and the artists who created them. From a warty pig painted on a cave wall in

Indonesia, to a comic strip-like depiction of lions chasing bison in France, this episode explores the global phenomenon of cave art, and asks why humans have always felt the need to express their creative side.

You're Dead To Me is the comedy podcast that takes history seriously. Every episode, Greg Jenner brings together the best names in history and comedy to learn and laugh about the past.

Hosted by: Greg Jenner
Research by: Jon Norman Mason
Written by: Emmie Rose Price-Goodfellow, Emma Nagouse, and Greg Jenner
Produced by: Emmie Rose Price-Goodfellow and Greg Jenner
Audio Producer: Steve Hankey
Production Coordinator: Ben Hollands
Senior Producer: Emma Nagouse
Executive Editor: James Cook

SAT 10:30 The Kitchen Cabinet (m0022kdr)

Series 45

Aldershot

Jay Rayner and his panel of chefs, cooks and writers are in the army town of Aldershot answering questions from a crowd of eager home cooks. Jay is joined by specialist in Mauritian food, Shelina Permaloo, materials expert Dr Zoe Laughlin, chef Sophie Wright, and former sous-chef to Gordon Ramsay, James "Jocky" Petrie.

The panellists put their minds to an array of cookery concerns, including things to do with blackberries, the best way to give flavour to calamari, and the crucial debate - does oven temperature really matter?

Inspired by Aldershot's monument to the Duke of Wellington, the panel also discusses the multi-step method behind the perfect beef wellington and how to avoid a soggy bottom.

Jay stops to chat to army reservist sergeant, Jimmy de Ville who reveals the most inventive modes of cooking while on army duty, what an army lunch may consist of, and the key elements of military ration packs.

Producer: Dan Cocker
Assistant Producer: Dulcie Whadcock

A Somethin Else production for BBC Radio 4

SAT 11:00 Newscast (m0022js5)

Adam Fleming and friends discuss the week's biggest stories, with highlights taken from the podcast this week.

SAT 11:30 From Our Own Correspondent (m0022kdv)

Civilians under siege in Sudan

Kate Adie introduces stories from Sudan, Calabria in southern Italy, Japan, the Californian city of Oakland and Tbilisi in Georgia.

The war in Sudan between its army and the paramilitary Rapid Support Forces has torn the country apart for more than 500 days. Civilians are bearing the brunt of the suffering as aid agencies have had their access blocked in many areas. Leila Molana Allen has seen how Sudanese volunteers are bringing food and medicine to communities now full of hungry, displaced and often traumatised people.

The countryside of Calabria, in southern Italy, may look like a rural idyll. But much of its fertile agricultural land has been infiltrated by the local mafia network known as the Ndrangheta. Francisco Garcia met and talked to farmers trying to resist the organised crime groups which want to muscle in.

There's a record number of abandoned homes or 'akiyas' in Japan. Over 9 million houses are standing empty, as the population ages and shrinks, and younger people move to the cities. Particularly in rural areas, many heirs aren't prepared to take on the costs of emptying, demolishing or rebuilding old family homes. Shaimaa Khalil stepped into a couple of period properties now being restored by their new owners.

The city of Oakland, in northern California, once had a reputation for its political militancy and cultural inventiveness. These days it's known for bitter disputes over gentrification, homelessness, and public fear of crime. Lindsay Johns recently visited the city across the bay from San Francisco with one of its most famous sons, author Ishmael Reed.

And in the shadow of the Caucasus Mountains, Beth Timmins attends not one, but three weddings - occasions full of heritage, music, poetry and toasts of thick red wine.

SAT 12:00 News Summary (m0022kdx)

The latest national and international news from BBC Radio 4.

SAT 12:04 Money Box (m0022kdz)

Winter Fuel Payment and Using Cash

Many pensioners in England and Wales will lose Winter Fuel Payments this year. This annual payment had been universal and worth £200 or £300 pounds a year, depending on your age. From this winter it will be restricted to pensioners receiving Pension Credit or other means-tested benefits. The reason for means testing it this way is to save money - about £1.5bn each year. In a statement the government told us that "given the dire state of the public finances we have inherited, it's right that we target support to those who need it most." So how will you be affected? The Department for Work and Pensions has urged people to check if they could be eligible for Pension Credit - you can check here: <https://www.gov.uk/pension-credit-calculator>.

The Post Office handled a record amount of cash last month with customers either depositing or withdrawing more than £3.7bn. That new figure beat previous record highs set in May and April suggesting not only is there continued demand for cash, but that people are using Post Office branches more and more to get it. Dan Whitworth visits a branch in North Lincolnshire.

And, what does the expansion of funded childcare hours for working parents mean for those who're set to benefit?

Presenter: Felicity Hannah
Reporter: Dan Whitworth
Researcher: Catherine Lund
Editor: Jess Quayle

(First broadcast 12pm Saturday 31st August 2024)

SAT 12:30 Catherine Bohart: TL;DR (m0022cq1)
Series 1

6. Hang on - are there ghosts in this machine?

No time to read the news? Catherine Bohart does it for you in TL;DR. This week - Elon Musk thinks there should be regulation around AI. Is he right? Can AI really change the world, or are we just training our future robot overlords?

Times journalist Hugo Rifkind navigates the ethical minefield of artificial intelligence, while Professor Gina Neff breaks down how AI is already reshaping our lives - and the risks that come with it.

Meanwhile, in the TL;DR Sidebar, comedian Sunil Patel dives into the wild world of AI romance and discovers the perks and pitfalls of having an AI girlfriend. Will it be love at first byte?

Written by Catherine Bohart, with Madeleine Brettingham, Sarah Campbell, and Pravanya Pillay

With Ellen Patterson as Flobot

Produced by Victoria Lloyd

Recorded and Edited by David Thomas

Production Coordinator - Beverly Tagg

A Mighty Bunny production for BBC Radio 4

SAT 12:57 Weather (m0022kf1)

The latest weather forecast

SAT 13:00 News and Weather (m0022kf3)

The latest national and international news and weather reports from BBC Radio 4

SAT 13:10 Any Questions? (m0022cq7)

Ellie Chowns MP, Andrew RT Davies MS, Emma Pinchbeck, Nick Thomas-Symonds MP

Ben Wright presents political debate from the National Botanic Gardens of Wales with the Green MP Ellie Chowns, the leader of the Welsh Conservative Group in the Senedd Andrew RT Davies, the Chief Executive of Energy UK Emma Pinchbeck and the Paymaster General Nick Thomas-Symonds MP.
Producer: Robin Markwell
Lead Broadcast Engineer: Tim Allen

SAT 14:00 Any Answers? (m0022kf5)

Call Any Answers? to have your say on the big issues in the news this week.

SAT 14:45 The Archers (m0022cq3)

WRITER: Katie Hims
DIRECTOR: Dave Payne
EDITOR: Jeremy Howe

Lilian Bellamy.... Sunny Ormonde
Harrison Burns.... James Cartwright
Alice Carter.... Hollie Chapman
Neil Carter.... Brian Hewlett
Susan Carter.... Charlotte Martin
Justin Elliot.... Simon Williams
Emma Grundy.... Emerald O'Hanrahan
George Grundy.... Angus Stobie
Brad Horrobin.... Taylor Utley
Tracy Horrobin.... Susie Riddell
Joy Horville.... Jackie Lye
Alistair Lloyd.... Michael Lumsden
Kate Madikane.... Perdita Avery
Dr Azra Malik.... Yasmin Wilde
Fallon Rogers Joanna Van Kampen
Laura.... Claire Cage

SAT 15:00 Stalingrad (m0022kf7)

3. Nikolai Krymov

By Vasily Grossman
Translated by Robert and Elizabeth Chandler
Dramatised by Jonathan Myerson

Part three of Grossman's dark and honest account of the epic battle of Stalingrad; a prequel to his novel Life and Fate.

Mark Bonnar, Kenneth Cranham and Scarlet Courtney star in Grossman's prequel to Life and Fate, recently published in its first ever English translation by Richard and Elizabeth Chandler.

Stalingrad explores the approach of war to the city of Stalingrad, through the many lives of the Shaposhnikov family and their partners.

Meanwhile at the front, we meet old-school Bolshevik Commissar Nikolai Krymov in the thick of the Russian army's pell-mell retreat before Operation Barbarossa, and follow the 'unknown' soldiers on the battlefield, giving their lives to hold the line at the Volga.

After three years of agonised rewrites under the censors' gaze, Stalingrad was finally published in the USSR to universal acclaim, though Grossman was soon being denounced for depicting Russians who were not always heroes. But as a former war correspondent, Grossman was determined to tell the dark and honest truth of the epic battle of Stalingrad, and the men and women caught up in it.

Nikolai Krymov Mark Bonnar
Pyotr Vavilov Richard Elfyn
Nastya Vavilov Gwawr Loader
Tolya Will Kirk
Filyashkin Francois Pandolfo
Kovalyov Gareth Pierce
Lena Caitlin Richards
Malyarchuk Simon Ludders
Rezchikov Marc Danbury
Usurov Adam Courting
Vera Scarlett Courtney
Stepan Spiridonov Kenneth Cranham
Marusya Spiridonova Eiry Thomas

Original music composed by John Hardy, with Rob Whitehead, and performed by Oliver Wilson-Dixon, Tom Jackson, Stacey Blythe, and Max Pownall.

Directed by Jonathan Myerson
Series Producer Alison Hindell

SAT 16:00 Woman's Hour (m0022kf9)

Weekend Woman's Hour: Kaos with Janet McTeer, Sisters Lina and Lavai Nielsen, India protests, Post Office Scandal

A new Netflix series, Kaos is a modern, darkly comic retelling of Greek mythology that will perhaps have you seeing the gender politics of ancient Greece in a new light. Stage and film actor Janet McTeer stars as the Queen of the gods, Hera. Janet joins Anita to talk about Hera's sexual power as well as her previous roles and what has changed in the industry.

If you were watching the Paris Olympics, you might have spotted identical twins Lina and Lavai Nielsen taking to the track. The Olympic duo join Nuala to discuss competing together at an elite level in athletics, winning bronze side-by-side for Team GB, and navigating triumphs and challenges in the public eye after Lina's Multiple Sclerosis diagnosis.

Protests have been happening across India after a 31-year-old junior doctor was raped and murdered in a hospital in Kolkata earlier this month. Her death prompted marches and strikes

nationwide over safety issues for female doctors and this soon developed into a talking point for women's safety in general. BBC Delhi Correspondent Kirti Dubey joins Anita Rani to report on the latest news, along with Dr Aishwarya Singh Raghuvanshi, a female doctor in India.

The Post Office Horizon scandal has been described as the most widespread miscarriage of justice in British legal history. One of those impacted was Ravinder Naga. In 2009, he falsely confessed to stealing money from his mum's Post Office to protect her from going to prison. Last week his conviction was overturned after 15 years. Anita talks to Ravinder and his mum Gurbash about what happened, and the impact it had on their relationship.

The play Shifters follows former children friends Des and Dre, they are first loves whose relationship twists and turns over a decade. Currently on at the Duke of York's Theatre, is the third play in the West End to be written by a black British woman. The writer Benedict Lombe joins Nuala, along with Heather Agyepong who plays Des.

Los Bitchos are an all-female band from countries across the world who play a range of instrumental music from the style of Colombia folk music to Turkish psychedelic rock! All four members - Nic Crawshaw, Josefine Jonsson, Serra Petale and Agustina Ruiz, join Anita to perform live.

Presenter: Anita Rani
Producer: Annette Wells
Editor: Louise Corley

SAT 17:00 PM (m0022kfc)

Full coverage of the day's news.

SAT 17:30 Sliced Bread (m0022clv)

Foam Rollers

Lots of people use a foam roller, either before after exercise. It's not usually a very comfortable experience - as Greg finds out in this episode - but is worth the pain? Can they really increase flexibility before exercise, and ease our muscles afterwards? Is it any better than stretching? As you'd expect, there are plenty of claims around these products, which cost anything from a tenner to more than £100 for a vibrating version. We're going right around the world for this one - listener Brendon joins us all the way from New Zealand, and to get him some answers we've got foam roller expert Dr David Behm dialling in from Canada. National Physiotherapy Lead for Nuffield Health Jodie Breach also joins Greg in the studio. So are foam rollers the best thing since sliced bread?

PRESENTER: GREG FOOT
PRODUCER: TOM MOSELEY

SAT 17:54 Shipping Forecast (m0022kff)

The latest weather reports and forecasts for UK shipping

SAT 17:57 Weather (m0022kfh)

The latest weather reports and forecast

SAT 18:00 Six O'Clock News (m0022kfg)

The latest national and international news from BBC Radio 4

SAT 18:15 Loose Ends (m0022kfm)

Elaine C Smith, Nathan Carter, Christopher Macarthur-Boyd, Becky Sikasa, Claire Love Wilson

Elaine C. Smith has delighted audiences for decades, including work on TV shows like BBC Scotland's Two Doors Down. In her latest project she joins the touring cast of Chitty Chitty Bang Bang and takes on a character that used to terrify her - The Childcatcher.

Claire Love Wilson is a Scottish-Canadian theatre-maker, actor, and singer-songwriter whose semi-autobiographical show Morag, You're A Long Time Deid is inspired by the story of a grandmother she never met, and explores queer history from fragments of a recently forgotten past.

Glaswegian stand-up Christopher Macarthur-Boyd had a total sell-out run at the Edinburgh Fringe in 2023 and 2024, and is about to take his Scary Times show on tour across the UK and Ireland.

With music from Irish country sensation Nathan Carter, and soul and pop singer Becky Sikasa.

SAT 19:00 Profile (m0022kfp)

James Graham

James Graham's writing obsession started at the age of six in the

shadow of Nottinghamshire's former coalmines. Equipped with a typewriter from his mother he created hundreds of stories from the family home in Kirkby-in-Ashfield.

Accelerating through university in Hull and a writing residency in west London, Graham's work started to attract wider audiences following a break at the National Theatre in 2012. Building on his thrilling political drama *This House*, he went on to write plays and TV series including *Sherwood*, *Dear England*, *Quiz*, *Best of Enemies* and *Brexit: The Uncivil War*.

During this year's MacTaggart lecture at the Edinburgh TV Festival, he called for more working-class people in TV.

But what next for this prolific playwright? Stephen Smith speaks to his family, friends and colleagues to find out more.

Contributors...

Anne Ellis - Mother
David Morrissey - Actor
Kate Wasserberg - Artistic Director, Theatr Clwyd
Dr Sarah Jane Dickenson - Senior Lecturer, University of Hull
Martin Humphrey - Former Head of Creative Arts, Ashfield School, Nottingham

Production team...

Producers: Julie Ball, Ben Cooper, Miriam Quayyam
Editor: Ben Mundy
Sound: John Scott
Production Co-ordinator: Maria Ogundele

Credits...

Picture: BBC/PA Media

SAT 19:15 This Cultural Life (m0022cfn)

Lee Child

Lee Child created his tough guy protagonist Jack Reacher, a former military policeman who roams America fighting crime, in 1997. Writing a book a year since his debut *Killing Floor*, Lee Child established himself as one of the most acclaimed and popular novelists in his genre, and has now sold over 100 million copies worldwide. The Reacher books have been adapted for a film starring Tom Cruise and, more recently, an Amazon Prime television series. Lee Child's latest publication, *Safe Enough*, is a collection of short stories.

Talking to John Wilson, Child recalls his upbringing in Birmingham and how his childhood passion for reading was fuelled by frequent visits to the local library. For *This Cultural Life*, he chooses a *Ladybird* book which told the Biblical story of David and Goliath as an early inspiration, acknowledging that the giant figure of Goliath probably inspired the physique of 6'5" tall Reacher. He also remembers the impact of a book called *My American Home* which depicted an array of houses and apartments throughout America, the country in which Child would later live and set his novels.

He also discusses how working for 18 years as a Granada television producer, overseeing the transmission of dramas including *Brideshead Revisited*, helped forge his understanding of storytelling. His work as a union shop steward, which brought him into conflict with management and eventually led to him being made redundant, was the catalyst for his new career as a crime novelist in the late 1990s. His debut Reacher novel, a violent tale of vengeance and rough justice was, he admits, written out of anger following his dismissal from Granada. Lee Child also chooses the 1990 movie *Dances With Wolves*, directed by and starring Kevin Costner, as another influence on the creation of his fictional hero Jack Reacher.

Producer: Edwina Pitman

Archive used:

Reading from *Worth Dying For* by Lee Child, *The Knight Errant*: Lee Child - A Culture Show Special, BBC2, 20 Dec 2012

Clip from *Brideshead Revisited*, Granada Television, ITV, 12 October 1981

Clip from *Dances with Wolves*, Kevin Costner, 1990

Clip from *Jack Reacher*, Christopher McQuarrie, 2012

SAT 20:00 Archive on 4 (b009x383)

A Rage in Dalston

1945. Facism returned to the streets of London. What followed was the war after the war.

For four years London and the South East would witness vicious confrontations between the remnants of Oswald Mosley's British Union of Facists and Jewish ex-serviceman organised in the 43 Group.

Their members were decorated soldiers, airmen and sailors with

a sprinkling of East End toughs and youngsters like trainee barber Vidal Sassoon. They broke with the leaders of the the Jewish community in their no-holds barred, physical opposition to the return of facism to Britain's streets. They operated beyond the law and were fuelled by rage, guilt at the fate of Europe's Jews, and the tension of British policy in Palestine. Their goal was to drive facism from the streets and silence its message of intolerance, anti-semitism and racism. Alan Dein uncovers a little known story of post war conflict.

SAT 21:00 The History Podcast (m0022m0n)

Escape from the Maze

Omnibus Part 1

It's supposed to be escape proof. The most secure prison in western Europe. The IRA is going to turn that on its head.

In the first of two omnibus programmes, Carlo Gebler navigates a path through the disturbing inside story of the mass escape from Northern Ireland's Maze Prison in 1983 - the biggest jailbreak ever to take place on British or Irish soil. As former IRA inmates reveal how they pull off a breakout that creates shockwaves at the heart of government - key prison officials explain why they're unable to stop them.

Presenter: Carlo Gebler

Producer: Conor Garrett

Editor: Philip Sellars

Commissioning Editor: Dan Clarke

Production Co-ordinator: Gill Huggett

Original Music Score: Phil Kieran

Archive: Cyprus Avenue Films

SAT 22:00 News (m0022kft)

The latest national and international news from BBC Radio 4

SAT 22:15 The Food Programme (m0022cpb)

Food Waste: New Answers for Old Problems

Food waste isn't a new story. So why cover it again? Well, in the UK, we are still wasting over 10 million tonnes of food a year. That's food that could have been sold, eaten, cooked and enjoyed.

Clearly this is a problem that isn't going away. But crucially, we have a new government who have said that a zero waste economy is one of their top priorities for the environment. What will this mean for food waste? And is it individuals, or businesses, who can really make a difference?

In this programme, Leyla Kazim goes after some new answers. Does the answer lie in the design of our fridges, for example? Or in making it law for supermarkets to tell us how much food they waste? Along the way, she meets the people who have made it their life's work to help us cut waste, from dumpster divers to fridge enthusiasts.

Ever wondered where all the unsold food from supermarkets goes? Matt Homewood, AKA The Urban Harvester, went to find out one night in his home town of Copenhagen, Denmark, and what he found shocked him. He began 'dumpster diving' every night and sharing pictures of his food swag on social media. Leyla hears how these posts began to go viral and were the start of Matt's activism to put the spotlight on supermarket food waste.

Food waste is often talked about in terms of redistribution to charities or food banks. But that isn't the only answer, finds Leyla, when she visits Katy Newton, founder of Wasted Kitchen in Kent and a finalist in the BBC Food and Farming Awards 2024. Katy buys or trades for the surplus food she uses to make her takeaways, ferments and deli salad boxes, which go back on sale at the food hall next door. Katy explains why she wanted to counter the narrative around food charity and help people be more confident in the kitchen along the way.

Leyla hears an update from Wrap, the organisation that runs the UK's official food waste scheme, to find out what action has been taken so far and whether they would support a law to make food waste reporting legal. She asks the same question to the new government, before calling on journalist Ian Quinn, chief reporter at trade magazine *The Grocer*, for his take on what's happening in the industry.

Online there is a growing network of influencers helping people eat everything they buy to save waste, but also, save money. Two of the most popular, Elly Pear (another finalist for this year's Food and Farming Awards) and Max La Manna, meet in Elly's kitchen in Bristol to share their best food waste tips and approach Elly's fridge, ready-steady-cook style, to cook lunch with last night's leftovers.

Talking of fridges, at her home in London, Leyla hosts PhD researcher Emma Atkins for one of Emma's unique 'fridge sessions'. Emma's research looks at our relationship with the

fridge, how its design can hinder our food waste efforts, and how fridge history is linked to over-buying of food. She quizzes Leyla about her food waste hotspots and explains how we might be hampered in our food waste efforts by the objects and systems around us.

Presented by Leyla Kazim and produced by Nina Pullman for BBC Audio in Bristol.

SAT 23:00 The Many Wrongs of Lord Christian Brighty (m0022kfw)

Episode 2. The Best Friend I Locked Up

Challenged by Babs to find a single person he's never wronged, Brighty's search leads them to Cornwall and to best friend Russ Blackshark. Whilst Brighty and Babs re-run Russ's stag do, Churlington gets into a spot of bother auditing the family tin mine.

Lord Christian Brighty is the talk of the Regency 'Ton' - a celebrated libertine, a heartthrob and a hero to many. But close-up, he is a spoilt, impetuous, life-ruining bastard... Or at least he was. Because his carefree life of infinite privilege has been upended by an encounter with his new chambermaid - the uneducated but forthright Babigail - who became the first person to tell him the unvarnished truth about his selfish behaviour. Overnight, his lifelong trust that everyone loved him had been replaced with a gnawing fear that Babs was right.

So now, with his narcissism collapsing and a need to prove to Babs he is actually a good person, Lord Brighty is determined to fix all his past wrongs. And by extension all the ills of Regency society. Accompanying him in his quest are Babs (elevated beyond her station to a chambermaid-cum-adviser role), and his butler, Mr Churlington. Although Churley would prefer everything to stay exactly as it used to be (as would all Brighty's friends, family and the entirety of high society).

Written by Christian Brighty & Amy Greaves

Cast:

Lord Christian Brighty Christian Brighty

Babs Jessica Knappett

Churlington Colin McFarlane

Russ Blackshark David Reed

Reticent Tom Nimisha Odedra

Briny Briony Chiara Goldsmith

Gareth Hornpipe Joz Norris

Script Editor David Reed

Sound & Recording David Thomas

Photographer Will Hearle

Production Assistant Katie Sayer

Producer Ben Walker

A DLT Entertainment Production for BBC Radio 4

Christian Brighty and Amy Greaves are award-winning comedians. Their viral sketches based on *Bridgerton*, *Poldark* and *Jane Austen* have catapulted them to viral stardom, securing Christian's place as the internet's answer to Mr Darcy and amassing 150 million views across TikTok and Instagram (@brightybuoy). Amy and Christian both have a deep love of the work *Jane Austen*, traditional regency romance (not smut), and historical romance set in the regency (smut).

SAT 23:30 Brain of Britain (m0022c19)

Brain of Brains 2024

Every three years the most recent winners of the coveted *Brain of Britain* trophy play off in a good-natured general knowledge contest for the title *Brain of Brains*. Russell Davies welcomes a line-up of formidable quizzers to London's Radio Theatre for a special curtain-raiser to the 2024 *Brain of Britain* series.

Fighting for the title are:

Dan Adler from Farnham (the 2023 *Brain of Britain* champion)

Eleanor Ayres from Cambridge (runner-up in 2023)

Marianne Fairthorne from London (runner-up in 2022)

Karl Whelan from the Wirral (the 2021 champion)

Assistant Producer: Stephen Garner

Producer: Paul Bajoria

SUNDAY 01 SEPTEMBER 2024

SUN 00:00 Midnight News (m0022kfy)

The latest news and weather forecast from BBC Radio 4.

SUN 00:15 Open Book (m0022c17)

Elif Shafak

Elif Shafak talks to Shahidha Bari about her new novel, *There Are Rivers in the Sky* - linking 'three characters, two rivers, and

one epic poem' by the journey of a single drop of water.

Plus Hanna Pylväinen on writing with an omniscient narrator in her book *The End of Drum-Time* - when a Sami reindeer herder and a minister's daughter fall in love in the nineteenth century Arctic Circle.

Presenter: Shahidha Bari
Producer: Emma Wallace

Book List - Sunday 25 August

There are Rivers in the Sky by Elif Shafak
Forty Rules of Love by Elif Shafak
The Island of Missing Trees by Elif Shafak
Epic of Gilgamesh
Our Mutual Friend by Charles Dickens
The End of Drum-Time by Hanna Pylväinen
The Kalevala: Edited by Elias Lönnrot

SUN 00:48 Shipping Forecast (m0022kg0)

The latest weather reports and forecasts for UK shipping.

SUN 01:00 Selection of BBC World Service Programmes (m0022kg2)

BBC Radio 4 joins the BBC World Service.

SUN 05:20 Shipping Forecast (m0022kg4)

The latest weather reports and forecasts for UK shipping

SUN 05:30 News Briefing (m0022kg6)

The latest news from BBC Radio 4

SUN 05:43 Bells on Sunday (m0022kg8)

St Lawrence and Paul, Pudsey in West Yorkshire

Bells on Sunday comes from the Parish Church of Saint Lawrence and Saint Paul in Pudsey, West Yorkshire. Built to accommodate up to 2000 worshippers the church building was consecrated on the 30th of August 1824 and had eight new bells cast by Thomas Mears. In 1957 these bells were recast and rehung by the Mears and Stainbank foundry of Whitechapel, London with a tenor bell weighing seventeen hundredweight and tuned to the note of F. We hear them ringing Pudsey Surprise Major, a method first rung 100 years ago this year and being rung to commemorate the bicentenary of the church.

SUN 05:45 In Touch (m0022c3w)

Steve Darling; Archaeology in Cookham

Steve Darling is not the first visually impaired MP, but he is the latest, after winning Torbay in Devon for the Liberal Democrats in July's general election. In Touch speaks to Steve about the excitements and challenges of taking up his new role in the Mother of parliaments.

In Touch visits an archaeological dig site in Cookham, where an 8th century monastery is being excavated. Our main interest there, aside from the various skull and bone discoveries, is visually impaired Jonathan Charnley. Jonathan has always had a keen interest in history and decided to begin an archaeology course at university. During his studies, he lost most of his vision as the result of a brain tumour. In Touch finds out what performing archaeology is like for Jonathan since losing his vision.

Presenter: Peter White
Producer: Beth Hemmings

Production Coordinator: David Baguley

Website image description: Peter White sits smiling in the centre of the image and he is wearing a dark green jumper. Above Peter's head is the BBC logo (three separate white squares house each of the three letters). Bottom centre and overlaying the image are the words "In Touch" and the Radio 4 logo (the word Radio in a bold white font, with the number 4 inside a white circle). The background is a bright mid-blue with two rectangles angled diagonally to the right. Both are behind Peter, one is a darker blue and the other is a lighter blue.

SUN 06:00 News Summary (m0022kge)

The latest national and international news from BBC Radio 4

SUN 06:05 Fifty-Fifty Vision (m0021j0v)

After half a century presenting Radio 4's programme for blind people, Peter White looks back, and forwards, to examine how a rapidly changing world has altered the experience for blind and partially sighted people – although not always for the better.

Throughout Peter's 50 years, a lot has changed for disabled people. Namely: the introduction of anti-discrimination legislation in the UK in the 1990s, becoming the BBC's first

disability affairs correspondent, right through to the invention of the smart phone. Technology lies at the heart of many, though not all, of the dramatic changes for visually impaired people. It has enabled once unimagined job prospects to blind people, it has offered equal opportunities to access to information and social connection, but for others, it's also meant frustration, isolation and trepidation. For some, this has been a result of how technology is woven into most everyday aspects of our lives, which can pose specific challenges to those with sight problems.

In this documentary, Peter looks back over his career and explores some of the significant societal changes that have happened over the past 50 years, with the people they have affected. He will also gaze 50 years into our technological future and ask what Artificial Intelligence could offer visually people and how it can be applied to eye care and treatment and ask whether it has the potential to prevent sight loss.

Presenter: Peter White
Producer: Beth Hemmings
Executive Producer: Pete Wilson

SUN 06:35 On Your Farm (m0022kgf)

Oil business

Oilseed rape is not the easiest crop for farmers to grow. It can be high risk: pests like cabbage stem flea beetle can wipe out a crop, and some pesticides which growers once relied on are now banned. However, in spite of the challenges, one farmer in the Cotswolds has created a booming business selling rapeseed oil as a British alternative to imported olive oil. Charlie Beldam presses and bottles the oilseed rape grown on his family farm in Broadway. He came up with the idea as a student and 14 years on "Cotswold Gold" is now a growing business.

Charlie says with flea beetle and the very wet weather, this year has been tough - but he's worked hard to make the business sustainable and he believes that keeps it competitive. He says nothing is wasted, from the crushed seeds which are used as cattle feed, to the spent oil which is collected from local businesses and recycled for use as biodiesel.

Produced and presented by Rebecca Rooney

SUN 06:57 Weather (m0022kgh)

The latest weather reports and forecast

SUN 07:00 News and Papers (m0022kgk)

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

SUN 07:10 Sunday (m0022kgm)

A look at the ethical and religious issues of the week

SUN 07:54 Radio 4 Appeal (m0022kqp)

Access Sport

Sports presenter Clare Balding makes a Radio 4 Appeal on behalf of Access Sport. The charity provides training and support to hundreds of community sports clubs so they can be more inclusive of disadvantaged and disabled young people.

To Give:

- Freephone 0800 404 8144
- Freepost BBC Radio 4 Appeal. (That's the whole address. Please do not write anything else on the front of the envelope). Mark the back of the envelope 'Access Sport'.
- Cheques should be made payable to 'Access Sport'.
- You can donate online at bbc.co.uk/appeal/radio4

Registered Charity Number: 1156819

SUN 07:57 Weather (m0022kgr)

The latest weather reports and forecast

SUN 08:00 News and Papers (m0022kgj)

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

SUN 08:10 Sunday Worship (m0022kgw)

God's Equipping

A Service from Northern Ireland which reflects on how God equips His people, with the New Irish Youth Choir. The Choir has just had its annual residential in County Down and this service is led and sung by its members.

The preacher is the Artistic Director of New Irish Arts, Jonathan Rea.

Mark 4.35-41
Ephesians 6.13-17

God so loved the world
Come find His rest
Jesus calms the storm
What He's done
He will hold me fast
Sing a song to the Lord
Producer: David Walker

SUN 08:48 A Point of View (m0022cq9)

I know what it is to crawl

In the week that one of Britain's most famous Paralympians Tanni Grey-Thompson was forced to crawl off a train, Tom Shakespeare describes his encounters with crawling.

'Don't get me wrong,' Tom says, I am not against crawling.' His holidays, he says, involve a lot of crawling: in Egypt to visit the apartment of the poet Constantine Cavafy or in Italy to see the childhood home of the communist revolutionary, Antonio Gramsci.

But in day to day life, Tom argues, 'crawling is no way for adults to go about their business.'

Producer: Adele Armstrong
Sound: Peter Boshier
Production coordinator: Gemma Ashman
Editor: Tom Bigwood

SUN 08:58 Tweet of the Day (m0022kgy)

Dominic Couzens on the Razorbill and Guillemot

A new series of Tweet of the Day for Sunday morning revealing personal and fascinating stories from some fresh voices who have been inspired by birds, their calls and encounters.

For nature writer and international ornithologist Dominic Couzens two birds who breed here in the British Isles fascinate him. Sounding as if they were a high street store, razorbills and guillemots can be found around the British coastline in summer breeding in large seabird colonies. The guillemot is the adventurous species, while the razorbill is the more sensible species. Yet in late summer the twenty day of chicks of both species simply leap into the sea, their survival depends upon it.

Producer : Andrew Dawes for BBC Audio in Bristol
Studio Engineer : Caitlin Gazeley

SUN 09:00 Broadcasting House (m0022kh0)

The Sunday morning news magazine programme. Presented by Paddy O'Connell

SUN 10:00 The Reunion (m0022kh2)

The Clutha Helicopter Crash

November 29th 2013 was a lively night in Glasgow city centre. The last Friday of the month was pay day for many, the next day was St Andrews Day. But for seven people in the famous Clutha Bar, it was their last ever drink. At 10.22pm, as more than 100 people were enjoying a live band, a police helicopter crashed through the roof of the building. The pilot and his two colleagues were both killed instantly.

Those inside the pub were covered in thick dust, some trapped by debris. Others outside formed a human chain to pull out the injured. Emergency services arrived to find chaotic scenes with uncovered bodies and distressed people whose loved ones were still inside.

More than 30 people were taken to hospital. Those with missing relatives spent an agonising weekend waiting for news.

Two inquiries found that the helicopter's two main fuel tanks had run out of fuel and that the switch to a back-up tank had been inexplicably turned off. In the end, the crash was put down to pilot error – a conclusion which his family and many survivors strongly refute.

Kirsty Wark brings together survivors and members of the emergency services to share their experiences of that terrible night and the aftermath. Mary Kavanagh was out with her partner Robert Jenkins who died while getting her a drink. Nancy Primrose was out with her sister, the first time she'd been well enough to go out after recovering from spinal surgery. Local MP and shadow Secretary of State, Jim Murphy, just happened to be passing and joined in trying to help the severely injured.

Also joining us are Alan Crossan, the bar's owner, who was at home recovering from a heart attack and has worked tirelessly ever since to support those affected; Stephen Wright, who led the urban fire and rescue team; and Patrick O'Meara, who was in charge of the complicated ambulance response at the scene.

Presenter: Kirsty Wark

Producer: Karen Pirie
Series Producer: David Prest
A Whistledown production for BBC Radio 4

SUN 11:00 The Archers Omnibus (m0022kh4)

WRITER: Katie Hims
DIRECTOR: Dave Payne
EDITOR: Jeremy Howe

Lilian Bellamy.... Sunny Ormonde
Harrison Burns.... James Cartwright
Alice Carter.... Hollie Chapman
Neil Carter.... Brian Hewlett
Susan Carter.... Charlotte Martin
Justin Elliot.... Simon Williams
Emma Grundy.... Emerald O'Hanrahan
George Grundy.... Angus Stobie
Brad Horrobin.... Taylor Uttley
Tracy Horrobin.... Susie Riddell
Joy Horville.... Jackie Lye
Alistair Lloyd.... Michael Lumsden
Dr Azra Malik.... Yasmin Wilde
Kate Madikane.... Perdita Avery
Fallon Rogers Joanna Van Kampen
Laura... Claire Cage

SUN 12:15 Profile (m0022kfp)

[Repeat of broadcast at 19:00 on Saturday]

SUN 12:30 The Unbelievable Truth (m0022by5)

Series 30

Episode 4

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

Justin Edwards, Zoe Lyons, Lucy Porter and Tony Hawks are the panellists obliged to talk with deliberate inaccuracy on subjects as varied as stationery, fast food, the Tudors and swearing.

The show is devised by Graeme Garden and Jon Naismith.

Producer: Jon Naismith

A Random Entertainment production for BBC Radio 4

SUN 12:57 Weather (m0022kh6)

The latest weather forecast

SUN 13:00 The World This Weekend (m0022kh8)

Radio 4's look at the week's big stories from both home and around the world.

SUN 13:30 Off-Peak Performance (m0022khh)

Being a rail user in Britain can be stressful, and that stress is summed up by the so called "Euston Dash". The dash is a Darwinian rush to get your seat on the first off-peak service heading north to Manchester and beyond.

It's a race which tests nerve, skill and speed, as passengers dodge kids and suitcases, jump queues, forget niceties, and knock over anyone in their path to win.

Presenter Johnny I'Anson is among the runners. He's travelling on the 18:53, run by Avanti West Coast service, a company which has been criticised for its poor performance. Avanti says its service is improving.

Will Johnny get a seat, and what are his fellow passengers' experiences?

It's just one snapshot of a single trip, but through the journey, Johnny meets those who travel regularly on this important route.

He finds out what might lie behind some cancellations and delays, and what can be done to improve the experience for the millions who use this route each year.

SUN 14:00 Gardeners' Question Time (m0022cpq)

Postbag Edition: Blenheim Palace - Mites, Bees and Powdery Mildew

What can I use to stop mites from destroying my nine foot Schefflera? Why haven't we seen many bees this year? How do I remove fungus growing on my hawthorn tree?

Peter Gibbs and his team of gardening gurus travel to Blenheim Palace in Woodstock for a postbag edition of GQT.

While Head Gardener Andy Mills leads Peter and the panel around the historic grounds, they also rake through the GQT inbox to answer your gardening queries. On the panel this week are garden designer Chris Beardshaw, house plants expert Anne Swithinbank and pest and disease expert Pippa Greenwood.

Later in the programme, the panellists receive a surprise question from English fashion and textile designer Dame Zandra Rhodes, who asks what she should do about her dying hydrangeas.

Senior Producer: Dan Cocker
Assistant Producer: Rahnee Prescod
Executive Producer: Carly Maile

A Somethin' Else production for BBC Radio 4

SUN 14:45 One Night in Paradise (m000140)

Hag Do

The groom-to-be reveals the identity of a secret wedding guest during a stag and hen do at a rundown seaside hotel. By Bethan Roberts. Read by Alexandria Riley.

Produced and directed by Kate McAll
A Pier production for BBC Radio 4

SUN 15:00 Mahabharata Now (m0022khd)

Episode 5: Dance of Deceit

The Gods, the law, capitalism and politics continue to jostle for power in this bold adaptation of the ancient Indian poem Mahabharata. Dramatised as a gripping family epic set in 21st century Mumbai, this series is powered by the tensions and rivalries of a turbulent business empire.

A dynasty divided against itself... the battle to control Hasta Enterprises escalates.

Newly empowered by the knowledge that he is the eldest son, Shaks believes that he is now the rightful heir and should control Hasta Enterprises. It puts him on a collision course with Yash and Dhruv. Gita fears the civil war will destroy the business empire her husband created and urges Shaks to abandon his claim. He refuses. The conflict is now speeding towards becoming the bitterest corporate case in Indian legal history.

In desperation, Gita appeals to Gopi to use her vast artificial intelligence to intervene. Gopi counters with a strange offer... the warring factions must choose between having her knowledge or her wisdom. Dhruv and Shaks think that Gopi is no more than the sum of her parts and choose knowledge. Yash believes Gopi really does possess wisdom.

The coming battle will reveal who is right...

Episode 5 "Dance of Deceit"

Written by Ayeesha Menon

Cast

Dhruv Neil Bhoopalam
Yash Tavish Bhattacharyya
Padma Ira Dubey
Gita Shernaz Patel
Shaks Vivek Madan
Karthik Sukant Goel
Nyra Abir Abrar
Lawyer Devika Shahani Punjabi
Shopkeeper Zeus Paranjape
GP200 Bhavnisha Parmar
GOPI Prerna Chawla

Other characters were played by Aseem Hattangady, Mukul Chadda, Akash Khurana, Omkar Kulkarni, Garima Yajnik and members of the cast.

Sound Supervisor (Mumbai) Ayush Ahuja
Sound Engineer (Mumbai) Ashyar Bulsara
Sound Design and Post Production Wilfredo Acosta
Original Music Imran Ahmad

Producer Helen Quigley and Andrew Mark Sewell
Producer (Mumbai) Nadir Khan
Executive Producer Andrew Mark Sewell
Director Jatinder Verma

A B7 Media production for BBC Radio 4

SUN 16:00 Bookclub (m0022khg)

Ken Follett: A Column of Fire

Bestselling novelist Ken Follett joins James Naughtie and readers to discuss his historical novel A Column of Fire, the

third in his hugely successful Kingsbridge series. It's a tale of spying and intrigue, as Elizabeth I battles to keep her throne in the face of fierce religious division across Europe.

SUN 16:30 Brain of Britain (m0022khj)

Heat 1, 2024

(1/17)

The venerable general knowledge quiz returns for its 2024 tournament, with Russell Davies hosting the quest for this year's Brain of Britain. 48 competitors from around the UK set out to win one of the nation's most prestigious quizzing titles.

Luck as well as knowledge comes into play, as the moment the competitors get a question wrong they lose their turn and may have to watch others forging ahead until the next round. There is a safety net for runners-up going forward to the semi-finals, but their scores will need to be impressive...

Starting their bids for the title today are

Richard Aubrey from London
Brendan Curtis from Tunbridge Wells
Heather Smith from Chichester
Sophie Williamson from Norwich.

Assistant Producer: Stephen Garner
Producer: Paul Bajoria

SUN 17:00 Witness History (w3ct5ydc)

Oliver Tambo returns to South Africa from exile

On 13 December 1990, the anti-apartheid politician Oliver Tambo returned to South Africa after 30 years in exile.

As the president of the banned African National Congress (ANC), he had lived in Zambia building the liberation movement while other key ANC members including Nelson Mandela and Walter Sisulu were political prisoners.

By lobbying around the world and attracting talented South African exiles such as Thabo Mbeki, he built the organisation into a legitimate contender for government.

When President FW de Klerk unbanned the ANC, Oliver Tambo was finally able to return home where he was greeted by a crowd of thousands at the airport.

Oliver Tambo's son, Dali Tambo, recalls to Josephine McDermott how his father and other ANC exiles danced in the aisle of the plane as they crossed into South African airspace.

(Photo: Oliver Tambo at Jan Smuts Airport. Credit: AP/John Parkin)

SUN 17:10 Policing Protest (m0021b15)

Police Force

The story of policing is bound up with the history of protest. Far more than dealing with demonstrations on the street, policing owes its very existence to fears of political unrest and to help protect the state from public disorder. In this wide-ranging three-part series, BBC Home Affairs Editor Mark Easton, with the help of former Police Assistant Commissioner Rob Beckley, tells the story of policing protest in the UK from Peterloo to the present - and beyond.

Episode 1: Police Force

Modern policing in Britain has its origins in protest. The Metropolitan Police was founded by Robert Peel in 1829 in the shadow of the Peterloo massacre ten years earlier where, under instruction from the government, local militia fired directly into the crowd gathered in Manchester in support of voting rights for working men. Peel devised the notion of 'policing by consent' as a way of securing support for police within communities, as opposed to using coercive force from without. So simultaneously a police force, an arm of the state tasked with controlling public order and crowd control, that would also be a community service - sensitive and responsive to citizens.

This tension lies at the heart of policing even today and is part of a deeper story of how society contains and manages dissent. This first episode goes back to the public order roots of modern policing, and explores the secret plan circulated during the Thatcher years to move the police away from 'policing by consent' into something much more militaristic.

Today, policing protest and the control of public order remain at the heart of modern policing. Every week in the capital and cities around the UK the sheer scale, diversity and number of protests is increasing - from domestic issues to climate change and international affairs, with large protests on events in the Middle East. There are huge variations in tactics and the use of social media by different groups - from marching and procession to occupation and 'static' protest, direct action and disinformation. And all of this requires policing.

In an era of what police are calling 'chronic' protest, resources are being stretched to breaking point. Live social media means the police are under more scrutiny and pressure than ever. Organisations like Extinction Rebellion have brought the capital to a standstill while other groups, like Black Lives Matter, have targeted policing itself as an object of protest. Police tactics like containment (or 'kettling') are remain controversial, along with recent legislation brought in to increase police powers, such as potentially restricting the length and volume of protest or targeting specific tactics like 'locking on', used regularly by Just Stop Oil.

Hearing from police officers of all ranks, activists and agitators from across the protest spectrum, historians, political thinkers, lawyers and journalists – and rich with archive - this series goes deep into the philosophical foundations and real tactics of public order policing. It explores the future of AI in policing protest and new technologies deployed by protestors, the police's use of crowd psychology, the testing of 'operational independence' in the face of political pressure and the regulation of what spaces may or may not be used for public dissent today – the erosion of the protest space, reclaiming our political commons.

Where does the future of protest lie - and with new powers at their disposal, how will it be policed?

Contributors include Matt Twist, Assistant Commissioner for Met Operations; author and police strategy adviser Tom Gash; Melissa Carrington from Just Stop Oil; public order Bronze Commander Jack May-Robinson; Police Sergeant Harriet Blennan; historian Katrina Navikas; crowd psychologist Clifford Stott; founding member of the Race Today Collective Leila Hassan Howe; journalists and authors Matt Foot and Morag Livingstone; human rights lawyer Michael Mansfield KC and Rick Muir, director of the Police Foundation.

Presented by Mark Easton, with reporting by Rob Beckley
Produced by Simon Hollis

A Brook Lapping production for BBC Radio 4

SUN 17:54 Shipping Forecast (m0022khh)

The latest weather reports and forecasts for UK shipping

SUN 17:57 Weather (m0022khp)

The latest weather reports and forecast

SUN 18:00 Six O'Clock News (m0022khr)

National and international news from BBC Radio 4

SUN 18:15 Pick of the Week (m0022kht)

Andrew Peach

A selection of highlights from the past week on BBC radio

SUN 19:00 The Archers (m0022khw)

Emma takes matters into her own hands, and the fate of the Ambridge cricket team is revealed.

SUN 19:15 Illuminated (m0022khy)

Infinite Scroll

"And if you gaze long enough into an abyss, the abyss will gaze back into you..."

Late at night, the writer, audio artist and sleep-deprived parent of a newborn, Ross Sutherland, is staring into infinity...

"Usually, my phone becomes my window into a bigger world. Not just bigger- endless. Unmeasurably vast. You can scroll social media feeds forever and never hit the bottom of the chasm. I know it's objectively bad for me but I can't stop myself. I'm craving endlessness- I need space! Vast, endless interior space... to compensate for the smallness of my waking days."

Sinking into the infinite scroll of his phone (a web design technique - created to encourage addiction as your webpage never ends...) he weaves a woozy, funny, adventurous audio essay through sonic experiments, illusions and mirror worlds that invite us to reckon with the infinite.

Including archive from ReThinking with Adam Grant 'Aza Raskin on why technology – and democracy – are in an imagination crisis' (courtesy of TED).

Original music composed by Jeremy Warmesley
Written and produced by Ross Sutherland
A Falling Tree production for BBC Radio 4

SUN 19:45 Buried (m001hfc)

Series 1

Series 1 - 3. A One-Man Mission

Who was Joe Ferguson? His family say he was a man on a mission. But something bothered him about Mobuoy, even after the dump was exposed. What did he know?

"All you have to do... is dig it up."

A trucker's deathbed tape plays out. It's urgent, desperate.

In this BBC Radio 4 podcast series, investigative journalists Dan Ashby and Lucy Taylor deep-dive into one of the worst environment crimes in UK history - the secret dumping of a million tonnes of waste near a city. But when they uncover missing documents, fears of toxicity and allegations of organised crime, they realise they've stumbled into something much bigger. As they pick at the threads of one crime, they begin to see others. Could Britain be the home of a new mafia, getting rich on our waste?

In a thrilling ten-part investigation, the husband-and-wife duo dive into a criminal underworld, all the time following clues left in a deathbed tape. They're driven by one question - what did the man in the tape know?

Presenters and Producers: Dan Ashby and Lucy Taylor
Assistant Producer: Tess Davidson
Original Music and Sound Design: Phil Channell
Sound Design and Series Mixing: Jarek Zaba
Executive Producers: Phil Abrams and Anita Elash
Commissioning Editor: Dan Clarke

A Smoke Trail production for BBC Radio 4

SUN 20:00 Word of Mouth (m0022cm5)

The words we use about getting older and why they matter

How we talk about getting older can affect how we age, both mentally and physically. Michael asks Dr Lucy Pollock for her advice on ageing well and happily.

Dr Lucy Pollock has been an NHS consultant geriatrician, a doctor specialising in the care of older people, for over 30 years. She is the author of *The Book About Getting Older*, and her new book is *The Golden Rule: lessons in living from a doctor of ageing*.

Produced for BBC Audio Bristol by Beth O'Dea.
Subscribe to the Word of Mouth podcast and never miss an episode: <https://www.bbc.co.uk/sounds/brand/b006qtnz>

SUN 20:30 Last Word (m0022cpv)

Mike Lynch, Nell McCafferty, Ruth Colvin, Sven-Göran Eriksson

Matthew Bannister on Mike Lynch, who was one of the UK's most successful tech entrepreneurs.

Nell McCafferty, the Irish journalist and feminist campaigner who took part in the "contraceptive train" protest in 1971.

Ruth Colvin, who founded the American "Literacy Volunteers" organisation to help adults who couldn't read or write

Sven-Göran Eriksson, the Swedish born football manager who became the first non-British coach of the England football team.

Interviewee: Suranga Chandratillake

Interviewee: David Davis

Interviewee: Susan McKay

Interviewee: Judy Cheatham

Interviewee: Henry Winter

Producers: Ben Mitchell and Ed Prendeville

Archive:

Contraceptives From Belfast, RTE, 1971; Witness, BBC News, 03/12/2016; Ruth Colvin, All things considered, NPR, 10/12/2006; Ruth Colvin, Onondaga Historical Association, YouTube Upload, 07/07/2020; Ruth Colvin, Onondaga Historical Association, YouTube Upload, 01/12/2016; The Real Sven-Göran Eriksson, BBC Radio 5Live; Kammy & Ben's Proper Football Podcast, BBC, 18/11/2022; BBC News at Ten; 20/11/2012; PM, BBC Radio 4, 01/08/24; The Report, BBC Radio 4, 27/12/12

SUN 21:00 Money Box (m0022kdz)

[Repeat of broadcast at 12:04 on Saturday]

SUN 21:25 Radio 4 Appeal (m0022kqp)

[Repeat of broadcast at 07:54 today]

SUN 21:30 From Our Own Correspondent (m0022kdv)

[Repeat of broadcast at 11:30 on Saturday]

SUN 22:00 Westminster Hour (m0022kj0)

Radio 4's Sunday night political discussion programme.

SUN 23:00 The Human Subject (m0022kj2)

The Man with an Artificial Windpipe

In *The Human Subject*, Dr Adam Rutherford and Dr Julia Shaw tell the story of Andemariam Beyene, an engineering student from Eritrea studying in Iceland. In 2011 he was desperate for a cure to the large tumour discovered in his trachea. He had tried surgery and radiotherapy and nothing had worked.

Dr Paolo Macchiarini, Karolinska Institute's star surgeon presents himself as Andemariam's best and last option. He proposes an experimental treatment - but one that has never been done before on a human being. Andemariam would be the first. Unfortunately, he agrees to it.

Julia and Adam speak with Karl-Henrik Grinnemo, a professor in cardiothoracic surgery at Uppsala University Hospital in Sweden, who was at Karolinska Institute during Paolo Macchiarini's tenure.

Presenters: Dr Adam Rutherford and Dr Julia Shaw
Producer: Simona Rata
Assistant Producer: Mansi Vithlani
Executive Producer: Jo Meek
Sound Design: Craig Edmondson
Commissioner: Dan Clarke

An Audio Always production for BBC Radio 4

SUN 23:30 Frontlines of Journalism (m001lyqc)

[Repeat of broadcast at 05:45 on Saturday]

SUN 23:45 Short Works (m0022cps)

Forbidden Planet by Dawn Watson

An original short story specially commissioned by Radio 4 to mark the 30th anniversary of the Provisional IRA's announcement of a cessation of military operations in Northern Ireland. As read by Andrea Irvine ('Blue Lights')

Dawn Watson was born in Belfast and is a poet and writer. She is currently a Lecturer in Creative Writing at Queen's University, Belfast. Dawn's debut collection *We Play Here* was a Guardian Poetry Book of the Year 2023 and was shortlisted for the John Pollard International Poetry Prize for an outstanding debut collection. Dawn's work has been broadcast on BBC Radio 4, BBC Radio 3, and BBC Radio Ulster, and has appeared in leading literary journals including *The Poetry Review* and *Granta*.

Writer: Dawn Watson
Reader: Andrea Irvine
Producer: Michael Shannon

A BBC Audio Northern Ireland Production for BBC Radio 4.

MONDAY 02 SEPTEMBER 2024

MON 00:00 Midnight News (m0022kj4)

The latest news and weather forecast from BBC Radio 4.

MON 00:15 Crossing Continents (m0022c3y)

The struggle for Jerusalem's Old City

Why Armenians in Jerusalem say they are fighting an existential battle.

Is the identity of the Old City of Jerusalem changing - house by house? This small patch of land is of vital importance to Christians, Muslims and Jews alike. But, amid accusations of dodgy deals, corruption and trickery, there are concerns that the Old City's historic multi-ethnic and multi-religious identity is being altered. In the Armenian Quarter a battle is going on for the control of land which the local community says is essential to its well-being and even its survival. Emily Wither visits one of the most contested cities in the world.

Presenter: Emily Wither
Producer: John Murphy
Sound Mix: Neil Churchill
Production coordinator: Gemma Ashman
Editor: Penny Murphy

Music: Apo Sahagian

MON 00:45 Bells on Sunday (m0022kg8)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (m0022kj6)

The latest weather reports and forecasts for UK shipping

MON 01:00 Selection of BBC World Service Programmes (m0022kj8)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (m0022kj6)

The latest weather reports and forecasts for UK shipping

MON 05:30 News Briefing (m0022kjd)

The latest news from BBC Radio 4

MON 05:43 Prayer for the Day (m0022kjg)

The Hope of Peace

A reflection and prayer to start the day with Rev Dr Lesley Carroll

MON 05:45 Farming Today (m0022kjj)

02/09/24 Super resistant potatoes, mussel farming, green finance

Scientists have made a major breakthrough which could save the Scottish potato industry from collapse. They've identified varieties which are both palatable to consumers and resistant to a pest which is spreading across the country.

A new report has revealed that part of the seabed off Devon which had been trashed by years of trawling and dredging is being revitalised. Research by the University of Plymouth shows that within just 10 years the former shellfish reef has been transformed.

All this week on Farming Today we're looking at 'green finance', getting money to pay for things which improve nature or reduce harmful emissions. Today we hear from Dr Ben Caldecott, director of the Oxford Sustainable Finance Group, who says the challenge is to work out which schemes offer value for money.

Presented by Charlotte Smith and produced by Beatrice Fenton.

MON 05:57 Weather (m0022kjl)

Weather reports and forecasts for farmers

MON 06:00 Today (m0022kks)

02/09/24 - Mishal Husain and Amol Rajan

News and current affairs, including Sports Desk, Weather and Thought for the Day.

MON 09:00 The Artificial Human (m00208g4)

How green is my AI?

As Apple announce the integration of generative AI across their platforms Aleks and Kevin ask do we actually know how much energy AI consumes and is it compatible with a push to net zero?

Energy consumption is AI's dirty little secret, some industry insiders believe the true potential of these technologies won't be realised until the problem is solved. Aleks and Kevin uncover some fairly startling numbers; a search done through an AI like ChatGPT can use up to 40 times more energy than using a traditional search engine, while a single hi-res image created by an AI could use the equivalent of half a smart phone charge. But because that happens on a server, perhaps in another country users remain ignorant of the potential impact their casual use might have on the push to net zero.

Presenters: Aleks Krotoski and Kevin Fong

Producer: Peter McManus

Mixed by Niall Young

MON 09:30 How to Play (m0022ksj)

Ravel's Concerto for Left Hand with Nicholas McCarthy and the RPO

Pianist, Nicholas McCarthy, who was born without a right hand, invites us behind the scenes as he prepares for his concerto debut with the Royal Philharmonic Orchestra. Nicholas shares the story of how Ravel's Concerto for the Left hand came to be composed for a musician who lost his arm in the First World War, and he discusses some of the special challenges he faces as the world's only professional one-handed pianist.

Conductor Jordan de Souza and members of the RPO talk about what makes Ravel's Concerto such extraordinary music, as well as a huge technical achievement. They share their experiences of working with Nicholas, and how they meet the taxing demands this piece places on all of its performers.

MON 10:00 Woman's Hour (m0022ksn)

Women's voices and women's lives - topical conversations to inform, challenge and inspire.

MON 11:00 Complex (m00201xc)

Episode 1: Home

It's said that it takes a village to raise a child, and never is that more true than for families raising children with complex disabilities. They rely on health, social care and other professionals to help keep their children healthy, happy, and living at home. But this tangled network of support has been worn thin by growing demand and dwindling resources.

Seven year-old Nora has a rare genetic disorder and complex care needs. This three-part series guides us through the concentric circles of Nora's life, beginning in this first episode with the centre of her world - home.

Nora is now so tall she has outgrown her bed, and bathing in their small bathroom is too risky. Can her family get the support they need to adapt their home so that she can live there safely with her parents Dave and Tors, and brother Harry?

Presented by Tors and Dave

Produced by Redzi Bernard

Music by Lily Sloane

Executive Producer: Rachel Hooper/Alan Hall

A Falling Tree production for BBC Radio 4

MON 11:45 The Lowball Tapes (m0014x77)

Arrested

The secret tapes the authorities, on both sides of the Atlantic, wouldn't want you to hear.

Andy Verity, the BBC's Economics Correspondent has audio recordings, kept secret for years, which reveal evidence that could upend the received version of the biggest scandal since the financial crash.

We might have thought that the rate-rigging bankers, 'the LIBOR manipulators' were justly jailed in the aftermath of the 2008 financial crisis, but over 5 episodes, Andy questions the traditional narrative.

The Lowball Tapes exposes evidence, much of it kept out of the trials, to show how they were instructed to give a falsely low LIBOR rate, 'to lowball.' Outraged, some of the traders turn whistle-blowers; but rather than stopping the deception, the whistle-blowers find themselves pursued.

In interviews with convicted traders, including one on the run, Andy hears how it appears blame for manipulating LIBOR was shifted onto junior traders, while those higher up escaped prosecution.

Did the world fail to see the truth at the time? We've acquired a huge cache of exclusive evidence - recorded phone calls, confidential internal emails and witness statements - which suggest maybe it wasn't just the market that was rigged.

Can he find out who was pulling the strings and where the instructions ultimately came from?

Producer: Sarah Bowen

Music: Oskar Jones

MON 12:00 News Summary (m0022kss)

The latest national and international news from BBC Radio 4.

MON 12:04 You and Yours (m0022ksw)

Childcare costs, Hotel Rooms and Indemnity Insurance

The new mums who are not using all their maternity leave and returning to work early because they need childcare credit to make ends meet.

From being an optional extra, environmental indemnity insurance is becoming more common, for home buyers. Most lenders won't give you a mortgage without it. What is it, who needs it and how much does it cost?

More people are taking up an art or craft and one rising in popularity is dry stone-walling. With nearly 200,000 miles of such walls in the UK, many in need of repair, there's plenty of opportunity to learn and volunteer.

The age of free returns seems to be coming to an end as more big online retailers charge to send back items; will this drive shoppers off platforms and into the high street?

Dozens say a Manchester hotel is not honouring its bookings following the announcement of Oasis concerts in the city. The hotel blamed a technical glitch on the day and say people who booked before that date will get the room for the rate displayed when they booked. Can hotels cancel bookings if they get a better offer?

MON 12:57 Weather (m0022ksy)

The latest weather forecast

MON 13:00 World at One (m0022kt0)

Forty-five minutes of news, analysis and comment.

MON 13:45 More Wow (m0022kt2)

The Cosmos

What is awe, and where do we find it? Exploring how the elusive emotion of awe can be a vital force in our lives.

As something usually associated with intense experiences and extreme environments, for many of us awe can often seem difficult to attain. Science journalist Jo Marchant tracks down individuals who live awe-filled lives, uncovering where we might find it ourselves and how it can alter body and mind.

Episode one: Jo discovers how astronaut Ron Garan's experience of looking back on earth shifted his perspective forever. She takes some of these lessons to cultivate an astronaut's eye-view on life while on a London walk.

Featuring: Ron Garan, former NASA astronaut and ispace-U.S. CEO;

Dacher Keltner, Professor of Psychology at the University of California, Berkeley and author of Awe: The Transformative Power of Everyday Wonder; Helen de Cruz, Professor of Philosophy at St Louis University, Missouri and author of Wonderstruck: How Wonder and Awe Shape the Way We Think.

Presented by Jo Marchant, author of Cure, The Human Cosmos and Decoding the Heavens.

Producer: Eliza Lomas

Editor: Chris Ledgard

MON 14:00 The Archers (m0022khw)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Plum House (m000gsl5)

Series 3

1. Better the Devil

The third series of Plum House returns, with the eccentric team who run the museum putting manager Tom on leave to recover from his heart ache over former colleague Emma. Little do they know however what's in store for them as Head Office send over Roger, the trouble shooter's trouble shooter, to act as a new broom and bring Plum House into line.

Plum House features Simon Callow, Jane Horrocks, Miles Jupp, Pearce Quigley and Tom Bell.

Guest starring this week; Pip Torrens, Alex Lowe

Written by Ben Cottam and Paul McKenna

Directed by Paul Schlesinger

Produced by Claire Broughton

It is a BBC Studios Production for Radio 4

MON 14:45 Wolverine Blues (m000y64x)

Episode 2

Wolverine Blues, or a Case of Defiance Neurosis

Fiction from Graeme Macrae Burnet, inspired by the case study "Defiance Neurosis of a Seventeen-Year-Old High School Student" by Alphonse Maeder.

In 1950s Switzerland, the new boy at school lays down a challenge for Max. But is the talented musician ready to expand his horizons?

Read by Alasdair Hankinson and Robin Laing

Producer: Eilidh McCreadie

Graeme Macrae Burnet lives in Glasgow and is the author of novels including the Man Booker shortlisted 'His Bloody Project' and longlisted 'Case Study'. His new novel, 'A Case for Matricide', is published in October and concludes the Georges

Gorski trilogy.

MON 15:00 Great Lives (m0022kp1)

The surgeon Henry Marsh picks 'the saviour of mothers' Dr Semmelweis

The biography show where famous guests pick someone from history they admire or they love. Our only rule is they must be dead. Today neurosurgeon Dr Henry Marsh chooses "the saviour of mothers" Dr Ignaz Semmelweis

The Hungarian doctor discovered the link between childbirth and puerperal fever in 19th century Vienna but he was ridiculed, ignored and demoted as his discovery challenged the medical orthodoxy. Post-mortems at the time were carried out by doctors before they practised on wards, with no hygiene step between the two. Semmelweis recommended handwashing for doctors, and gathered statistics to prove his theory.

Despite the evidence, the medical establishment was resistant to change and Semmelweis became increasingly traumatised, frustrated and angry. In his final months, he seems to have also developed an organic brain disorder which led to his friends and wife having him restrained and sectioned in a mental asylum where he subsequently died from injuries. Nominator Dr Henry Marsh is the author of Do No Harm: Stories of Life, Death and Brain Surgery.

With the playwright Stephen Brown who cowrote Dr Semmelweis with Sir Mark Rylance.

Presented by Matthew Parris and produced for BBC Studios Audio by Ellie Richold

MON 15:30 Extreme: Muscle Men (m0022kt4)

Muscle Men

6. One Last Hit

In the summer of 1986, bodybuilder William Dillon moves to San Diego to leave his steroid dealing days behind him, and live a quiet life of working out and running a gym. Or at least - that's the plan. When Dillon's old life comes calling, with the promise of easy money, it's hard to resist.

Dillon returns to the steroid dealing ring he set up with a crew of gym rats and former athletes. But this time, they're going to do things differently. Keep it professional and stay off the radar of the authorities. But as host Natalia Mehlman Petrzela reveals, for Dillon, keeping control of the steroid empire he's built is going to be easier said than done. And when events begin to spiral, things get violent.

Dillon pins his hopes on one last deal - his exit strategy, so he can cash out and move back home to Illinois. But he'll have to move quickly. Because federal investigators are planning an ambitious undercover operation that could take down the steroid ring once and for all.

Featuring William Dillon, Mike Zumpano, and Stephen Gelman.

Presenter and Executive Producer: Natalia Mehlman Petrzela
Producer: Caroline Thornham
Assistant Producer: Mohamed Ahmed
Editor: Katherine Godfrey
Production Manager: Cheree Houston
Sound Design and Mix by Daniel Kempson
Original Music by SilverHawk, aka Cyrille Poirier
Executive Producer: Max O'Brien
Commissioning Editor: Dan Clarke

A Novel production for BBC Radio 4

Featuring clips from:

Sportsworld - NBC

Interview with Dan Duchaine - Bill Philips' Muscle Media 2000 magazine

Episodes are released weekly on Mondays. If you're in the UK, you can listen to the latest episode, a week early, first on BBC Sounds <https://bbc.in/3ybDcHO>

MON 16:00 Off-Peak Performance (m0022khh)

[Repeat of broadcast at 13:30 on Sunday]

MON 16:30 The Kitchen Cabinet (m0022kdr)

[Repeat of broadcast at 10:30 on Saturday]

MON 17:00 PM (m0022kt6)

Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines.

MON 18:00 Six O'Clock News (m0022kt8)

National and international news from BBC Radio 4

MON 18:30 The Unbelievable Truth (m0022ktb)

Series 30

Episode 5

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

Angela Barnes, Glenn Moore, Shaparak Khorsandi and Neil Delamere are the panellists obliged to talk with deliberate inaccuracy on subjects as varied as websites, cartoons, Prince Harry and teeth.

The show is devised by Graeme Garden and Jon Naismith.

Producer: Jon Naismith

A Random Entertainment production for BBC Radio 4

MON 19:00 The Archers (m0022kn6)

Brad faces up to the future and Ruth is on a mission

MON 19:15 Front Row (m0022ktd)

Michael Keaton on Beetlejuice Beetlejuice; The The performance; Tim Minchin on life, art and success

Presenter: Samira Ahmed

Producer: Corinna Jones

MON 20:00 The Briefing Room (m0022cm7)

What we know (and don't know) about the new Mpox outbreak

The first human cases of Mpox were detected in 1970. But a new strain detected in Congo in 2023 has got scientists confused. How worried should we be and are we prepared for it?

Dr Jonas Albarnaz, a Research Fellow specialising in pox viruses at The Pirbright Institute
Dr Lilith Whittles, lecturer and Sir Henry Wellcome Postdoctoral Fellow in the MRC Centre for Global Infectious Disease Analysis
Dr Josie Golding, head of epidemiology at The Wellcome Trust
Trudie Lang, Professor of Global Health Research at the University of Oxford

Presenter: David Aaronovitch

Producers: Ben Carter, Kirsteen Knight and Drew Hyndman

Sound engineers: Jonathan Glover and James Beard

Editor: Richard Vadon

Production Co-ordinator: Gemma Ashman

MON 20:30 BBC Inside Science (m0022cm9)

Predicting everything

The Royal Society recently announced the shortlist for their annual Science Book Prize – and nominated is science writer and journalist Tom Chivers, author of the book Everything is Predictable. He tells us how statistics impact every aspect of our lives, and joins Marnie as a studio guest throughout the show.

A drug – lecanemab – that can slow the progression of Alzheimer's disease has recently been approved for use in the UK, but the healthcare regulator NICE has said that it won't be available on the NHS. But what is behind this decision, and what makes creating an Alzheimer's drug so difficult? Professor Tara Spire-Jones from the University of Edinburgh talks us through the science.

And could 'smart paint' supersize our fruit and veg? Reporter Roland Pease heads over to the experimental greenhouses of Cranfield University's crop science unit to see if the technology works.

The Paralympic Games are now underway in Paris, with athletes competing across 22 different events. But as competitors have a range of different impairments, how is it ensured that there's a level playing field? Professor Sean Tweedy from the University of Queensland calls in from Paris to explain how athletes are sorted into categories for competition.

Presenter: Marnie Chesterton

Producers: Sophie Ormiston and Ella Hubber

Editor: Martin Smith

Production Co-ordinator: Andrew Lewis

MON 21:00 History's Secret Heroes (p0hm0rk0)

19. The Enigmatic Emily Anderson

Emily Anderson led a double life. This shy musicologist from Galway was also a top codebreaker for the British, whose work would play a crucial role in Allied victory.

Helena Bonham Carter shines a light on extraordinary stories from World War Two. Join her for incredible tales of deception, acts of resistance and courage.

A BBC Studios Audio production for BBC Radio 4 and BBC Sounds.

Producer: Suniti Somaiya

Assistant Producer: Lorna Reader

Executive Producer: Paul Smith

Written by Alex von Tunzelmann

Commissioning editor for Radio 4: Rhian Roberts

MON 21:30 Intrigue (m001zgmt)

To Catch a Scorpion

To Catch a Scorpion: Ep 8. The Final Sting

Scorpion has been spotted in Iraq and Sue and Rob head straight there - hoping to find his hiding place and lure him out. Will they finally be able to confront him with his crimes?

Barzan Majeed - codenamed Scorpion - leads the Scorpion gang. He's on international most-wanted lists. He started his criminal career in Britain and went on to build a smuggling empire which now spans the globe.

An international police surveillance operation trapped more than twenty of his gang and almost netted Scorpion himself, but he was tipped off and escaped. BBC journalist, Sue Mitchell, and former soldier and aid worker, Rob Lawrie, team up to try to do what the police have been unable to achieve: to find Scorpion, to speak to him, to ask him to account for his crimes and to seek justice to those families he has harmed.

Their investigation takes them to the heart of an organised criminal gang making millions from transporting thousands of migrants on boat and lorry crossings that in some cases have gone dangerously wrong, causing serious injury and putting lives at risk. They witness his operation in action and record as intense situations unfold, where vulnerable people desperate for a better future, put their lives in the hands of ruthless and dangerous criminals.

To Catch a Scorpion is a BBC Studios Audio Production for BBC Radio 4 and is presented and recorded by Sue Mitchell and Rob Lawrie.

The series is produced by Sue Mitchell, Winifred Robinson and Joel Moors

The Editor is Philip Sellars

Commissioning Editor is Daniel Clarke

Assistant Exec Tracy Williams

Assistant Commissioner Podcasts/Digital, Will Drysdale

Original music is by Mom Tудie

and Sound Design is by Tom Brignell

MON 22:00 The World Tonight (m0022kth)

In depth reporting, intelligent analysis and breaking news from a global perspective.

MON 22:45 The View from Castle Rock by Alice Munro (m0022ktk)

Lying Under the Apple Tree: Part 1

Alice Munro, who died in May, was awarded the Nobel Prize in Literature in 2013. Her short stories, often set in small town Canada, weave together fiction and autobiography to explore the complexities of human life.

In "Lying Under the Apple Tree", a girl approaching womanhood grapples with first love, social expectations and future possibilities.

Read by Laurel Lefkow

Abridged by Eileen Horne

Producer: Eilidh McCreadie

MON 23:00 Limelight (m001qfnt)

The System - Series 3

The System - Method 1: Denial

Five Methods for Overcoming Mortality.

Ben Lewis' award-winning thriller returns for a third and final season.

Maya and Jake were once close siblings. Now they're divided in an increasingly divided world.

Maya's infamy as an activist fighting for social change and climate consciousness has pushed her to the margins, whilst Jake's commitment to serve king and country has placed him at the centre of a society increasingly intolerant of people on the fringe.

But Maya and Jake's worlds are about to collide in what will become a fight for survival. For them. And for us.

Cast:

Jake ... Jack Rowan
 Maya... Siena Kelly
 Coyote...Divian Ladwa
 Carly...Lois Chimimba
 Ash...Ian Dunnett Jnr
 Matt Finch ... Rhashan Stone
 Voice of the Game...Ryan Sampson

Original music and sound design by Danny Krass
 A BBC Scotland Production directed by Kirsty Williams

MON 23:30 Today in Parliament (m0022ktm)

News, views and features on today's stories in Parliament

TUESDAY 03 SEPTEMBER 2024

TUE 00:00 Midnight News (m0022ktp)

National and international news from BBC Radio 4

TUE 00:30 The Lowball Tapes (m0014x77)

[Repeat of broadcast at 11:45 on Monday]

TUE 00:48 Shipping Forecast (m0022ktr)

The latest weather reports and forecasts for UK shipping

TUE 01:00 Selection of BBC World Service Programmes (m0022kt)

BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (m0022ktw)

The latest weather reports and forecasts for UK shipping

TUE 05:30 News Briefing (m0022kty)

The latest news from BBC Radio 4

TUE 05:43 Prayer for the Day (m0022kv0)

The Drunkenness of Things

A reflection and prayer to start the day with Rev Dr Lesley Carroll

TUE 05:45 Farming Today (m0022kv2)

The latest news about food, farming and the countryside.

TUE 06:00 Today (m0022kml)

News and current affairs, including Sports Desk, Weather and Thought for the Day.

TUE 09:00 The Life Scientific (m0022kmm)

Ijeoma Uchegbu on using nanoparticles to transform medicines

Imagine a nanoparticle, less than a thousandth of the width of a human hair, that is so precise that it can carry a medicine to just where it's needed in the body, improving the drug's impact and reducing side effects.

Ijeoma Uchegbu, Professor of Pharmaceutical Nanoscience at University College London, has spent her career with this goal in mind. She creates nanoparticles to carry medicines to regions of the body that are notoriously hard to reach, such as the back of the eye and the brain. With clinical trials in the pipeline, she hopes to treat blindness with eyedrops, transform pain relief and tackle the opioid crisis.

Ijeoma took an unconventional route into science. Growing up in the UK and in Nigeria, she tells Professor Jim Al-Khalili her remarkable life story, from being fostered by a white family in rural Kent, while her Nigerian parents finished their studies, to struggling to pay the bills through her PhD as a single mum with young children.

So passionate is Ijeoma to spread her love of science, she's even turned to stand-up comedy to help get her message across!

Presented by Jim Al-Khalili
 Produced by Beth Eastwood

TUE 09:30 All in the Mind (m0022kmq)

Programme exploring the limits and potential of the human mind.

TUE 10:00 Woman's Hour (m0022kms)

Women's voices and women's lives - topical conversations to inform, challenge and inspire.

TUE 11:00 Add to Playlist (m0022cq5)

Dinara Klinton and Nicky Spence on the mysteries of the masked singers

Ukrainian-British pianist Dinara Klinton and Scottish operatic tenor Nicky Spence join Anna Phoebe and Jeffrey Boakye, taking us from a cheeky 1980s boy band from Birmingham via Domenico Scarlatti to the famous French duo behind the mask as they add the next five tracks.

Producer: Jerome Weatherald
 Presented with musical direction by Jeffrey Boakye and Anna Phoebe

The five tracks in this week's playlist:

Pass the Dutchie by Musical Youth
 Sonata in G Major by Domenico Scarlatti
 Maybe This Time by Liza Minnelli
 Phantom of the Opera by Sarah Brightman & Michael Crawford
 Harder, Better, Faster, Stronger by Daft Punk

Other music in this episode:

Wipeout by Duke University College Band
 My Bonnie Lies Over the Ocean by Ella Fitzgerald
 Rule the Nation by U-Roy
 Gimme the Music by U Brown
 Pass the Kouchie by The Mighty Diamonds
 Cola Bottle Baby by Edwin Birdsong

TUE 11:45 The Lowball Tapes (m0014wtm)

The Trials

Andy Verity investigates the secret history of Libor, asking did the right people go to jail? Were the rate rigging trials about law and the evidence, or were they show trials to appease public anger towards banks?

Producer: Sarah Bowen
 Music: Oskar Jones

TUE 12:00 News Summary (m0022kmv)

The latest national and international news from BBC Radio 4.

TUE 12:04 You and Yours (m0022kmx)

News and discussion of consumer affairs

TUE 12:57 Weather (m0022kmz)

The latest weather forecast

TUE 13:00 World at One (m0022kn1)

Forty-five minutes of news, analysis and comment.

TUE 13:45 More Wow (m0022kn3)

The Earth Below

What is awe, and where do we find it? Exploring how the elusive emotion of awe can be a vital force in our lives.

As something usually associated with intense experiences and extreme environments, for many of us awe can often seem difficult to attain. Science journalist Jo Marchant tracks down individuals who live awe-filled lives, uncovering where we might find it ourselves and how it can alter body and mind.

Episode two: Jo is in the depths of Wookey Hole caves with one of the most experienced divers in the world, Phil Short, who calls them his spiritual home. Phil has discovered one of the world's deepest caves in Mexico, has recovered ancient artefacts from shipwrecks and reunited the sunken remains of veterans from crashed World War II aircraft with their families. Yet he reflects on how a life of awe has led him to appreciate wonder in the smallest of things.

Featuring: Phil Short, cave diver and underwater training lead at DEEP research labs;
 Dacher Keltner, Professor of Psychology at the University of California, Berkeley and author of Awe: The Transformative Power of Everyday Wonder;
 Helen de Cruz, Professor of Philosophy at St Louis University, Missouri and author of Wonderstruck: How Wonder and Awe

Shape the Way We Think.

Presented by Jo Marchant, author of Cure, The Human Cosmos and Decoding the Heavens.

Producer: Eliza Lomas
 Editor: Chris Ledgard

TUE 14:00 The Archers (m0022kn6)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama on 4 (m0022kn8)

A Spark of Darkness - Part 1

Hitchcock-inspired thriller set on a British naval dockyard.

When naval dockyard electrician John Derrick is told his apprentice has died in an accident, he refuses to believe it. But neither the Navy, the police nor his own boss will tell him what happened to him. With a young man in his care dead and his reputation on the line, John takes matters into his own hands to find the truth.

In Episode 1, a warship, intimidation and deflection...

Cast:

John.....Joplin Sibtain
 Tony.....Rob Jarvis
 Surina.....Kiran Landa
 Joy.....Nina Yndis
 Deborah.....Heather Craney
 AJ.....Ammar Duffus
 Maddie.....Lily Anne Lefkow
 Kev.....Max Olesker
 Marcus Clarke.....Chris Anderson
 Duty Guard.....Jo Troy

Writer: David K Barnes
 Director and Sound Designer: Andy Goddard
 Composer: Odinn Orn Hilmarsson
 Producer & Casting Director: Emma Hearn
 Exec Producer: John Dryden

A Goldhawk production for BBC Radio 4

TUE 15:00 Short Cuts (m0022knb)

In Time

Josie Long presents short documentaries against the clock in an episode around time and timing.

Produced by Josephine Anderson

Loose Ends
 Produced by Jon Tjhia

There's Always a Next Time
 Produced by Steve Urquhart

Curated by Axel Kacoutié, Eleanor McDowall and Andrea Rangecroft
 Series Producer: Eleanor McDowall
 A Falling Tree production for BBC Radio 4

TUE 15:30 Thinking Allowed (m0022knd)

The British Elite

Do today's power brokers correspond to the familiar caricatures of old? Laurie Taylor talks to Aaron Reeves, Professor of Sociology and Social Policy at the University of Oxford, who has delved into the profiles and careers of over 125,000 members of the British elite from the late 1890s to today, as well as interviewing over 200 leading figures from diverse backgrounds. Were they born to rule, travelling from Eton to Oxbridge? Do they espouse different values from their earlier variants? And are those born into the top 1% just as likely to get into the elite today as they were 125 years ago? Also, Rachel Louise Stenhouse, Senior Lecturer in the Sociology of Education at Manchester Metropolitan University looks at private school entry to Oxbridge. By examining a bespoke intervention in a private school in England, she sheds new light on how students are advantaged when applying to elite universities, finding that applicants need to demonstrate that 'they can think' and 'perform' under pressure. But is an ease of performance evidence of knowledge and skills or, more often, of educational privilege?

Producer: Jayne Egerton

TUE 16:00 Serial Offender: Arnold Schoenberg's Twelve Tone Adventure (m0022kng)

This year marks the 150th anniversary of the birth of composer Arnold Schoenberg who devised a means of composing using each of the twelve tones of the chromatic scale as equals. It

transformed the way in which music was created and perceived.

The programme explores why Schoenberg remains a controversial and divisive individual. It also interrogates other aspect of Schoenberg's legacy - his challenging compositions and how a desire to perform them to critic free, private audiences gave the gatherings a whiff of elitism, unwittingly contributing to the siloing of subsequent modern classical music.

We ask why his complex music is not performed as regularly as other composers' works?

The programme argues that 'difficult' music such as Schoenberg's should be listened to and performed more frequently. Only by hearing it will we appreciate the elevating and transformative effect it has on us.

Schoenberg once told a pupil, "Today I have discovered something which will assure the supremacy of German music for the next 100 years." To an extent, he was right - his pioneering system and compositional style have bled through into commercial music since the early part of the 20th century, most notably in popular cinema, modern music and advert jingles.

Modernism's impact through music was - arguably - culturally more successful than other art forms; Schoenberg's creation, was both musically pre-eminent and intellectually domineering, yet his own works are frequently side-lined

In a world of musical plurality, should we consider listening afresh to contemplate the beauty and complexity of Schoenberg's work?

Presented by Kate Molleson

Edited by Nick Romero

Produced by Andrew McGibbon

A Curtains For Radio production for BBC Radio 4

TUE 16:30 You're Dead to Me (m0022kdp)
[Repeat of broadcast at 10:00 on Saturday]

TUE 17:00 PM (m0022knj)

Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines.

TUE 18:00 Six O'Clock News (m0022knl)
National and international news from BBC Radio 4

TUE 18:30 Do Gooders (m0022knn)
6. The Marathon

Episode Six - The Marathon

Clive has a chance encounter with an old friend which may prove the key to success in his London Marathon bid. Harriett eyes a new job opportunity and Gladys must work hard to avoid a promotion.

Garrett Millerick's Do Gooders is a new ensemble sitcom that takes us behind the charity curtain and mines the numerous frustrations that come with trying to 'do good' on an industrial scale. With Frank Skinner, Fay Ripley, Lisa McGrillis, Ahir Shah and Ania Magliano.

The series follows the exploits of the fundraising events team at a fictional mid-level charity, The Alzheimers Alliance. Fundraising for this kind of mid-table organisation comes with its own unique set of challenges, be it setting up eye catching events, courting celebrity endorsement or juggling the inter charity politics.

And whilst certainly not languishing on the lowest rungs of the charity league table, Alzheimers hasn't got the dazzling sheen or the pulling power of a cancer charity, nor does it capture the public's sympathies in the way lifeboats or guide dogs do.

If Cancer Research is Coca-Cola, Alzheimers Alliance is Lilt. A cracking drink, but they've got to work hard to remind people they exist or face total extinction.

Cast

Lauren – Ania Magliano
Gladys – Lisa McGrillis
Clive – Garrett Millerick
Harriett – Fay Ripley
Achi – Ahir Shah
Ken – Frank Skinner

Guest star
Ozzy – Glenn Moore

Writer – Garrett Millerick
Sound Engineer – David Thomas
Editor – David Thomas
Production Assistant – Jenny Recaldin
Producer – Jules Lom
Executive Producers – Richard Allen-Turner, Daisy Knight, Julien Matthews, Jon Thoday

An Avalon Television Production for BBC Radio 4

TUE 19:00 The Archers (m0022knq)
Suspicions are aroused for Joy, while Adam finds himself on a different page.

TUE 19:15 Front Row (m0022kns)
TV: Colin from Accounts; Musical: Why Am I So Single? Hak Baker performs

Presenter: Tom Sutcliffe
Producer: Ruth Watts

TUE 20:00 Bloodlines (m0022knv)
Winner of the grand award at the New York Radio Festival, Bloodlines tells the story of the search for a child - a boy called Salmaan - in the remnants of the Islamic State. BBC Asian network reporter, Poonam Taneja, agreed to look as part of her reporting in the region. The result was a remarkable 7 part podcasts series. This special episode concentrates on one aspect of the story - a shocking revelation about a woman who helped with the search. The full series, produced by the BBC and CBC, is available on BBC Sounds

TUE 20:40 In Touch (m0022knx)
News, views and information for people who are blind or partially sighted.

TUE 21:00 Crossing Continents (m0022kny)
The 'ghost city' of Cyprus

The once glamorous Cypriot beach resort of Varosha has stood empty and frozen in time since war divided the island 50 years ago, but it is now partially open to tourists and there are hotly contested plans for its renewal.

Maria Margaronis speaks to Varosha's former inhabitants - mostly Greek Cypriots - who fled in 1974 when Turkish troops invaded the island and have been unable to return ever since, after Turkey fenced off the town as a bargaining chip for future peace negotiations.

Some of these Varoshians want to rebuild the resort together with the island's Turkish Cypriots - a potential model for diffusing hostilities across the whole island - and the UN says its original inhabitants must be allowed to return. But, following decades of failed peace talks, the internationally unrecognised Turkish Republic of Northern Cyprus, which controls Varosha, now says it intends to re-open and redevelop the entire town.

Presenter: Maria Margaronis
Producer: Simon Tulett
Series editor: Penny Murphy
Studio Manager: Gareth Jones
Production Coordinator: Gemma Ashman and Katie Morrison

Music credit: Michalis Terlikias

TUE 21:30 Great Lives (m0022kp1)
[Repeat of broadcast at 15:00 on Monday]

TUE 22:00 The World Tonight (m0022kp3)
In depth reporting, intelligent analysis and breaking news from a global perspective.

TUE 22:45 The View from Castle Rock by Alice Munro (m0022kp5)
Lying Under the Apple Tree: Part 2

Alice Munro's short stories, often set in small town Canada, weave together fiction and autobiography to explore the complexities of human life. The author, who died in May, was awarded the Nobel Prize in Literature in 2013.

In "Lying Under the Apple Tree", a girl approaching womanhood grapples with first love, social expectations and future possibilities. Her relationship with the local stable boy is deepening but she's reluctant to go public.

Read by Laurel Lefkow
Abridged by Eileen Horne
Producer: Eilidh McCreadie

TUE 23:00 Poetry Please (m001zv8w)
Frank Skinner

Roger McGough returns with a new series of Poetry Please, sharing listener requests and recommendations for poems they'd like to hear. His first guest is the writer and comedian Frank Skinner. A huge lover of and champion for poetry, Frank's choices from the Poetry Please post bag include poems by Liz Berry, John Betjeman, Jean Sprackland, Jen Hadfield and W.H. Auden.

Produced by Mair Bosworth for BBC Audio

TUE 23:30 Today in Parliament (m0022kp8)
News, views and features on today's stories in Parliament

WEDNESDAY 04 SEPTEMBER 2024

WED 00:00 Midnight News (m0022kpb)
National and international news from BBC Radio 4

WED 00:30 The Lowball Tapes (m0014wtm)
[Repeat of broadcast at 11:45 on Tuesday]

WED 00:48 Shipping Forecast (m0022kpd)
The latest weather reports and forecasts for UK shipping

WED 01:00 Selection of BBC World Service Programmes (m0022kpg)
BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (m0022kpj)
The latest weather reports and forecasts for UK shipping

WED 05:30 News Briefing (m0022kpl)
The latest news from BBC Radio 4

WED 05:43 Prayer for the Day (m0022kpn)
Paris Is Buzzing

A reflection and prayer to start the day with Rev Dr Lesley Carroll

WED 05:45 Farming Today (m0022kpp)
The latest news about food, farming and the countryside.

WED 06:00 Today (m0022144)
News and current affairs, including Sports Desk, Weather and Thought for the Day.

WED 09:00 More or Less (m0022116)
Tim Harford explains - and sometimes debunks - the numbers and statistics used in political debate, the news and everyday life.

WED 09:30 Intrigue (m0022146)
Worse than Murder

Worse than Murder: 7. Where is Muriel?

More than half a century after Muriel McKay's abduction and murder, her body has never been found. This final episode explores the various theories about Muriel's fate - from a beach burial to a gruesome disposal on the farm. New information emerges, including a shocking claim from Arthur Hosein about Muriel's burial site.

The McKay family continues their desperate search for answers, while grappling with the media's relentless interest in the case. Jane MacSorley reflects on the role of the press in keeping Muriel's story alive and the ethical implications of true crime reporting.

Amid the speculation and theories, Muriel's children share poignant memories of their mother, bringing her to life beyond the tragic circumstances of her death.

Worse Than Murder - A tragic case of mistaken identity that shook Britain and launched a tabloid war.

One winter's night in 1969, kidnappers targeting Rupert Murdoch's wife abducted Muriel McKay by mistake. She was never seen again. Jane MacSorley investigates this shocking crime which baffled police and, more than 50 years on, remains unresolved.

Presented by Jane MacSorley with Simon Farquhar
Produced by Nadia Mehdi, with extra production from Paul Russell and Megan Oyinka
Sound design and mixing by Basil Oxtoby
Story editor: Andrew Dickson
Executive producers: Neil Cowling, Michaela Hallam, Jago Lee and Rami Tzabar
Development by Paul Russell
Voice acting by Red Frederick
Original music composed by Richard Atkinson for Mcasso
With special thanks to Simon Farquhar, author of 'A Desperate Business: The Murder of Muriel McKay'

A Fresh Air and Tell Tale production for BBC Radio 4

WED 10:00 Woman's Hour (m0022148)

Women's voices and women's lives - topical conversations to inform, challenge and inspire.

WED 11:00 Bloodlines (m0022knv)

[Repeat of broadcast at 20:00 on Tuesday]

WED 11:45 The Lowball Tapes (m0014x10)

The Whistleblower

Pressure is put on a reluctant trader to manipulate interest rates. But where are his instructions coming from?

As Labor begins to feel like a lie, Andy is given a flash drive with some incendiary audio recordings.

Presenter: Andy Verity
Producer: Sarah Bowen
Music: Oskar Jones

WED 12:00 News Summary (m002214c)

The latest national and international news from BBC Radio 4.

WED 12:04 You and Yours (m002214f)

News and discussion of consumer affairs

WED 12:57 Weather (m002214h)

The latest weather forecast

WED 13:00 World at One (m002214k)

Forty-five minutes of news, analysis and comment.

WED 13:45 More Wow (m002214m)

Mind-bending discoveries

What is awe, and where do we find it? Exploring how the elusive emotion of awe can be a vital force in our lives.

As something usually associated with intense experiences and extreme environments, for many of us awe can often seem difficult to attain. Science journalist Jo Marchant tracks down individuals who live awe-filled lives, uncovering where we might find it ourselves and how it can alter body and mind.

Episode three: Jo heads to Michael Wright's shed-workshop. Michael has spent decades reconstructing an ancient Greek model of the cosmos, known as the Antikythera mechanism. Jo and Michael discuss how the emotion of awe compels him in his work, and how making things with his hands connects him to those from ancient history. And Jo learns how big leaps forward in science have been driven by an awe in the strange anomalies which don't fit prevailing theories.

Featuring: Michael Wright, retired Science Museum curator and mechanical engineer by training;
Dacher Keltner, Professor of Psychology at the University of California, Berkeley and author of Awe: The Transformative Power of Everyday Wonder;
Helen de Cruz, Professor of Philosophy at St Louis University, Missouri and author of Wonderstruck: How Wonder and Awe Shape the Way We Think.

Presented by Jo Marchant, author of Cure, The Human Cosmos and Decoding the Heavens.

Producer: Eliza Lomas
Editor: Chris Ledgard

WED 14:00 The Archers (m0022knq)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama on 4 (m002214p)

A Spark of Darkness - Part 2

Hitchcock-inspired thriller set on a British naval dockyard.

When naval dockyard electrician John Derrick is told his apprentice has died in an accident, he refuses to believe it. But neither the Navy, the police nor his own boss will tell him what happened to him. With a young man in his care dead and his reputation on the line, John takes matters into his own hands to find the truth.

In Episode 2, a spy, a rollercoaster and a betrayal...

Cast:

John.....Joplin Sibtain
Tony.....Rob Jarvis
Surina.....Kiran Landa
Joy.....Nina Yndis
Neville.....Max Olesker
Deborah.....Heather Craney
Maddie.....Lily Anne Lefkow
AJ.....Ammar Duffus
Marcus Clarke.....Chris Anderson
Duty Guard.....Jo Troy

Writer: David K Barnes
Director & Sound Designer: Andy Goddard
Composer: Odinn Orn Hilmarsson
Producer and Casting Director: Emma Hearn
Exec Producer: John Dryden

A Goldhawk production for BBC Radio 4

WED 15:00 Money Box (m002214r)

The Money Box team invites listeners and a panel of experts to discuss one personal finance topic in depth.

WED 15:30 Your Place or Mine with Shaun Keaveny (m001zv3s)

Professor Brian Cox: Addis Ababa, Ethiopia

Shady trees, jazz, the origins of human history and THE place for coffee. All in a day's work for Brian's favourite place in the world. And Shaun is the world's biggest coffee lover, so Ethiopia's charming capital city is off to a good start. Resident geographer, historian and comedian Iszi Lawrence joins them with some original facts.

Your Place Or Mine is the travel series that isn't going anywhere. Join Shaun as his guests try to convince him that it's worth getting up off the sofa and seeing the world, giving us a personal guide to their favourite place on the planet.

Producers: Beth O'Dea and Caitlin Hobbs

Your Place or Mine is a BBC Audio production for BBC Radio 4 and BBC Sounds.

WED 16:00 The Media Show (m0022kwr)

Topical programme about the fast-changing media world

WED 17:00 PM (m002214t)

Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines.

WED 18:00 Six O'Clock News (m002214w)

National and international news from BBC Radio 4

WED 18:30 Paul Sinha's Perfect Pub Quiz (m0016hfl)

Series 1

Round one: Literature

The problem with quizzes is that the same questions keep coming up, like "What's the name of the only member of ZZ Top without a beard?"*. So the more quizzes you do, the more predictable they get.

Luckily, here comes quizzier, comedian and Rose d'Or winner Paul Sinha with his new series, Paul Sinha's Perfect Pub Quiz. In each episode he invites the audience to tell him their favourite quiz questions, before offering up not just different and surprising questions, but also the fascinating stories behind the answers.

It's facts, jokes, stories and puns – just the way you like them.

This week's show is full of questions for the Literature Round of the quiz. Paul asks about the first work of sci-fi to depict a flight to the moon, an author's curiously-labelled filing cabinet and the best-selling British writer still alive at the time of recording. The audience, meanwhile, contribute questions about unusual verbs, literary hotels, and the works of Eric Morecambe.

Written and performed by Paul Sinha

Additional material: Oliver Levy
Additional questions: The Audience

Original music: Tim Sutton

Sound engineer: Jerry Peal

Producer: Ed Morrish

A Lead Mojo production for BBC Radio 4

*Frank Beard, as you well know.

WED 19:00 The Archers (m0022kvt)

Ian grabs the bull by the horns, and it's an emotional day for Mia.

WED 19:15 Front Row (m002214y)

Live magazine programme on the worlds of arts, literature, film, media and music.

WED 20:00 AntiSocial (m0022cpg)

Accent and class

Is it classist to stop Geordies using the term of endearment 'pet'? After the University of Newcastle sent out guidance to researchers advising they avoid using the word 'pet' as it might feel patronising or sexist to women, people took to social media to claim this was a classist move. It sparked a wider discussion about accents and class. Others claimed accents shouldn't be used as a marker of identity and that speaking with Received Pronunciation could be an equalising tool that could prevent prejudice. So what are the origins of RP and what does the data show about our perceptions of accents?

GUESTS:

Jasmine Andersson, writer and journalist
Jonathan Meades, writer and critic
Lynda Mugglestone, Professor of the history of English at the University of Oxford
Dr Christian Ilbury, lecturer in Socio-linguistics at the University of Edinburgh

WED 20:45 Boys (m001yqrn)

About the Boys

3. Education

In this episode, teenage boys all over the UK talk to Catherine Carr about their school lives. She hears their take on their behaviour at school, the importance of the memories they are making with friends and, critically, the importance of trusted relationships with adults while in education. Teachers also share the results of work done to close the attainment gap between boys and girls, and Catherine visits a pioneering project which is designed to intervene early in boys' lives, to help them achieve academically.

Thanks to

Cardinal Langley Roman Catholic School, Rochdale
Taking Boys seriously, Ulster University
Dance United Yorkshire
DRMZ Carmarthen Youth Project
Oasis Multi Academy Trust
Johanna Primary school, Waterloo
Mark Brooks OBE
Steve Chalke MBE

Producer: Catherine Carr
Researcher: Jill Achineku
Executive Producer: Marie Helly

A Whistledown production for BBC Radio 4

WED 21:00 The Life Scientific (m0022kmm)

[Repeat of broadcast at 09:00 on Tuesday]

WED 21:30 All in the Mind (m0022kmq)

[Repeat of broadcast at 09:30 on Tuesday]

WED 22:00 The World Tonight (m0022151)

In depth reporting, intelligent analysis and breaking news from a global perspective.

WED 22:45 The View from Castle Rock by Alice Munro (m0022153)

Lying Under the Apple Tree: Part 3

Alice Munro, who died in May, was awarded the Nobel Prize in

Literature in 2013. Her short stories, often set in small town Canada, weave together fiction and autobiography to explore the complexities of human life.

In "Lying Under the Apple Tree", a girl leaving childhood behind grapples with first love, social expectations and future possibilities. She finds herself pondering relationships and domesticity after sharing a meal with her boyfriend's family.

Read by Laurel Lefkow
Abridged by Eileen Horne
Producer: Eilidh McCreadie

WED 23:00 Follow the Rabbit (m0022155)
Sherry's Poltergeist

Follow the Rabbit is a brand new comedy series following Chris Relish, an amateur paranormal investigator and podcast maker who is on a mission to prove the existence of supernatural forces after claiming he's had a romantic experience with a ghost.

In the first episode of his podcast, Chris interviews a local hoarder called Sherry who claims a poltergeist tied her house to get her attention. Sherry says the poltergeist (known as Ryan) communicates with her using fridge magnets, so Chris agrees to set up cameras in her house in the hope of capturing evidence. Chris also meets sceptic and psychologist, Dr Jeremy Morgan, in an attempt to debunk any rational explanations.

Cast
Chris Relish: Tom Lawrinson
Kathleen Relish/Sherry: Jo Enright
Dr. Jeremy Morgan: Steve Brody

Written and produced by James Boughen

Executive Producers: Simon Mayhew Archer and Michelle Farr-Scott

Original music by Sam O'Leary and Jacob Howard

A Motif Pictures production for BBC Radio 4

WED 23:15 Tom and Lauren Are Going OOT (m0022158)
Series 1

Three's a Crowd

Becca, Lauren's cousin, has recently been dumped by her girlfriend, and is now staying with Tom and Lauren. Exasperated by Becca's outbursts, Tom decides to use emotional regulation techniques he uses at school to help Becca cope with her emotions.

Lauren is dreaming of a quiet night at home, but things get complicated when Neil pops round to complain about Becca and Tom has a secret activity planned for him and Lauren.

Special guest appearance by Julian Clary as Neil and Louise Young as Becca.

A Candle & Bell production for BBC Radio 4

WED 23:30 Today in Parliament (m002215b)
News, views and features on today's stories in Parliament

THURSDAY 05 SEPTEMBER 2024

THU 00:00 Midnight News (m002215d)
National and international news from BBC Radio 4

THU 00:30 The Lowball Tapes (m0014x10)
[Repeat of broadcast at 11:45 on Wednesday]

THU 00:48 Shipping Forecast (m002215g)
The latest weather reports and forecasts for UK shipping

THU 01:00 Selection of BBC World Service Programmes (m002215j)
BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (m002215i)
The latest weather reports and forecasts for UK shipping

THU 05:30 News Briefing (m002215n)
The latest news from BBC Radio 4

THU 05:43 Prayer for the Day (m002215q)
Nothing to Watch

A reflection and prayer to start the day with Rev Dr Lesley Carroll

THU 05:45 Farming Today (m002215s)
The latest news about food, farming and the countryside.

THU 06:00 Today (m0022kv4)
News and current affairs, including Sports Desk, Weather and Thought for the Day.

THU 09:00 Across the Red Line (m0021xst)
Series 7

Transgender athletes in sport with Olympian Sharron Davies & racing driver & trans activist Charlie Martin

Would having "open categories" make sport more welcome and fair for all competitors? Anne McElvoy and conflict resolution expert Louisa Weinstein talk to Sharron Davies & Charlie Martin about their "red lines" on the issue of trans athletes in sport.

Arguments about gender identity - and which rights and restrictions should flow from that - garner strong reaction in public debate. One area which has been particularly contentious is in sport - how to ensure fairness and also allow clear criteria for competition?

World Athletics and British Cycling joined the sporting bodies for swimming, triathlon and rugby in banning transgender athletes from competing in elite women's sport and the Swimming body - World Aquatics - established an 'open' category at competitions, for swimmers whose gender identity is different than their sex observed at birth but some critics say such a category is itself discriminatory.

Sharron Davies, the former competitive swimmer who represented Great Britain in the European, Commonwealth and Olympic Games, winning a silver at the Moscow Games in 1980 and she recently published her book "Unfair Play: The Battle For Women's Sport".

Charlie Martin is a British racing car driver and transgender rights activist, who competes in the male dominated field of motorsport and endurance racing. She started her career as a male competitor and transitioned in 2012 at the age of 30. She competed in the Michelin Le Mans Cup in 2019, was the first out trans person to race in the 24 Hours of Nürburgring event in 2020 and has her sights on competing at 24 hours of Le Mans in the future.

Presenter: Anne McElvoy
Producer: Lisa Jenkinson

THU 09:30 Illuminated (m00208fj)
Brood X

Every seventeen years in the eastern United States, a roaring mass of millions of black-bodied, red-eyed, thumb-length insects erupt from the ground. For a few glorious weeks the periodical cicadas cover the trees and the air vibrates with their chorus of come-hither calls. Then they leave a billion eggs to hatch and burrow into the dirt, beginning the seventeen year cycle all over again.

Sing. Fly. Mate. Die. This is Brood X or the Great Eastern Brood. It's an event which, for the residents of a dozen or so US states, is the abiding memory of four, maybe five, summers of their lives.

In a programme that's both a natural and a cultural history of the Great Eastern Brood we re-visit four Brood X years....1970, 1987, 2004 and 2021.... to capture the stories of the summers when the cicadas came to town.

Princeton University's Class of 1970 remember the cicadas' appearance at their graduation ceremony, during a time of student unrest and protest against the Vietnam War; a bride looks back to the uninvited - but welcome - cicada guests attending her wedding; a musician recalls making al fresco music with Brood X; and an entomologist considers the extraordinary life cycle of an insect which seems to possess both great patience and the ability to count to seventeen.

Brood X cicadas spend 17 years underground, each insect alone, waiting and listening. In 2021, as Brood X stirred and the air began to thicken with the cicadas' love songs, we all shared with them that sense of emerging from the isolation of lockdown and making a new beginning.

Featuring: Elias Bonaros, Liz Dugan, Anisa George, Ray Gibbons, Peter Kuper, Gene Kritsky, Gregg Lange, David

Rothenberg, Gil Schrage and Gaye Williams

Producer: Jeremy Grange

Cicada audio recorded by Cicada Mania and David Rothenberg

Programme Image: Prof. Gene Kritsky

THU 10:00 Woman's Hour (m0022kv6)
Women's voices and women's lives - topical conversations to inform, challenge and inspire.

THU 11:00 This Cultural Life (m0022kv8)
Kiri Te Kanawa

The New Zealand born opera singer Dame Kiri Te Kanawa is one of the world's greatest sopranos. She enjoyed a 50 year career singing lead roles in opera houses around the globe, and on dozens of studio recordings. Since retiring in 2017 she has focussed on leading her Kiri Te Kanawa Foundation which supports young opera singers from her home country.

Dame Kiri talks to John Wilson about her early life in Gisborne and Auckland, New Zealand. Of Māori heritage, she was adopted as a baby and cites both her parents as a huge influence on her choice of career and work ethic. As a teenager she loved musical theatre, her favourite being Leonard Bernstein's West Side Story which she was later to record in an operatic version conducted by Bernstein himself. Moving to London in 1966 to study at the Royal Opera Centre, her education in opera began in earnest under her teacher Vera Rózsa. Her breakthrough role came in 1971 when she was cast as the Countess Almaviva in the Royal Opera House's production of The Marriage of Figaro. Her Metropolitan Opera House debut followed three years later when she was asked at the last minute to replace the soprano singing Desdemona in Verdi's Otello for the opening performance. Dame Kiri discusses the fame and attention she attracted when in 1981 she performed at the wedding of Prince Charles and Lady Diana Spencer, watched live by 600 million people. After over 60 years of performing, she also talks about her decision to finally retire in 2017.

Producer: Edwina Pitman

Archive used:
Omnibus : Leonard Bernstein's West Side Story, BBC1, 10 May 1985
BBC Sound Archive, Kiri Te Kanawa interview with Andrew Sakley, 1966
Soprano Sundays, BBC2, 21 Dec 1975
Le Nozze di Figaro, Royal Opera House Covent Garden, 1971
Otello, Metropolitan Opera New York, 1974
BBC Sound Archive, The marriage service in St. Paul's Cathedral of Prince Charles and Lady Diana Spencer, 29 July 1981
Top Of The Pops, BBC1, 24 October 1991
Parkinson, BBC1, 18 March 1981
Going Live, BBC1, October 1991
Wogan BBC1, 25 Dec 1984

THU 11:45 The Lowball Tapes (m0014xtr)
The Overseers

Who was responsible for Libor? It was hailed as the world's most important number, but who was looking after it and were the custodians behaving with integrity? While traders went to prison for rigging interest rates, were there orchestrated manipulations of Libor by far bigger players?

Presenter: Andy Verity
Producer: Sarah Bowen
Music: Oskar Jones

THU 12:00 News Summary (m0022kvb)
The latest national and international news from BBC Radio 4.

THU 12:04 You and Yours (m0022kvd)
News and discussion of consumer affairs

THU 12:32 Sliced Bread (m0022kvj)
Greg Foot investigates the so-called wonder products making bold claims.

THU 12:57 Weather (m0022kvj)
The latest weather forecast

THU 13:00 World at One (m0022kvl)
Forty-five minutes of news, analysis and comment.

THU 13:45 More Wow (m0022kvp)

Love and Grief

What is awe, and where do we find it? Exploring how the elusive emotion of awe can be a vital force in our lives.

As something usually associated with intense experiences and extreme environments, for many of us awe can often seem difficult to attain. Science journalist Jo Marchant tracks down individuals who live awe-filled lives, uncovering where we might find it ourselves and how it can alter body and mind.

Episode four: Jo talks to Emily Baughan, a historian and writer living in Sheffield, about her experience of losing her mother and having her first child, with four months between them. And she goes for a walk with a friend Alex Penn, evolutionary ecologist at the University of Sussex.

Presented by Jo Marchant, author of *Cure, The Human Cosmos and Decoding the Heavens*.

Producer: Eliza Lomas
Editor: Chris Ledgard

THU 14:00 The Archers (m0022kvt)

[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama on 4 (m0018x3w)

Stealing Shelley's Heart

The poet Percy Bysshe Shelley has sailed a ship into a storm off the Italian coast. His wife, Mary, and lover, Jane, wait anxiously for news. By Hattie Naylor.

CAST

Mary Shelley.....Olivia Vinall
Jane Williams.....Kerry Gooderson
Florenza.....Flaminia Cinque
Lorenzo.....Luca Malacrino
Trelawny/ Italian fisherman.....Massimiliano Acerbi
Shelley.....Jack Hammett

Production co-ordinator.....Lindsay Rees
Sound design.....Nigel Lewis
Director.....Emma Harding

A BBC Audio Wales production

THU 15:00 Open Country (m0022kvy)

Wildlife Watching on Mull

The growth of wildlife documentaries and social media has boosted our interest in wildlife. Footage of whales birds and mammals shot by keen nature lovers around the British Isles has alerted us to the presence of apex predators such as Orca in the waters around Northern Scotland. It's not surprising that people visit the island of Mull in the hope of spotting some of the abundant wildlife. Otters are especially popular at the moment. The creation of the Hebridean Whale Trail has also highlighted the presence of the different cetaceans in the sea around Mull and visitors can take boat tours or walks around the island in search of dolphins, porpoises, minke and humpback whales. And if they're lucky they may spot the remaining two West Coast Orca John Coe and Aquarius. But while nature tourism is welcomed those who work in wildlife conservation on Mull are keen that visitors are respectful and responsible towards the creatures they've come to see.

Producer Maggie Ayre takes a walk from Tobermory on the Hebridean Whale Trail with Morven Summers and her colleague Sadie Gorvett to learn about the work they do encouraging visitors to log their cetacean sightings on their app and take part in a Citizen Science survey of marine mammals. She meets Mull's Wildlife Warden Jan Dunlop on Calgary Bay to hear why Jan is concerned about the presence and proximity of too many people to the island's otter population and the impact that can have on the animals.

All three advocate a kind of slow nature tourism that means appreciating the beauty of all the wildlife on the island as opposed to going with a checklist of creatures to spot.

THU 15:27 Radio 4 Appeal (m0022kgp)

[Repeat of broadcast at 07:54 on Sunday]

THU 15:30 Word of Mouth (m0022kw3)

Former astronaut Col. Chris Hadfield on the language of Space exploration

Colonel Chris Hadfield is a veteran of three spaceflights. He crewed the US space shuttle twice, piloted the Russian Soyuz, helped build space station Mir and served as Commander of the International Space Station.

Getting words and language right in as clear and a concise way is a matter of life and death for astronauts. Crews are traditionally made up of different nationalities and Russian is

second to English on board. Chris Hadfield who flew several missions and captained the International Space Station talks about how astronauts communicate and the special language they use that he dubs NASA speak. He speaks several languages and lived in Russia for twenty years. As an author he has written several novels based on his experience in Space and as a fighter pilot the latest of which is *The Defector*. His books *The Apollo Murders* are being made into a series for TV. He tells Michael about the obligation he feels to share in words as best he can an experience that so few people have - of being in space and seeing Earth from afar.

Producer: Maggie Ayre

THU 16:00 The Briefing Room (m0022kw6)

David Aaronovitch and a panel of experts and insiders present in-depth explainers on big issues in the news.

THU 16:30 BBC Inside Science (m0022kwb)

A weekly programme looking at the science that's changing our world.

THU 17:00 PM (m0022kwg)

Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines.

THU 18:00 Six O'Clock News (m0022kwk)

National and international news from BBC Radio 4

THU 18:30 Phil Ellis Is Trying (m000mb2z)

Series 3

Billy Bonker and The Cup A Soup Factory

When Phil and Johnny discover golden sachets in their Cup A Soup packets, they embark on a fantastical tour of the Cup A Soup factory hosted by reclusive owner Billy Bonker, who is opening the gates for the first time in 40 years. Phil cannot believe his luck. He's desperate to meet Billy Bonker and enter his magical world where, they say, the taps run minestrone. If only the other people on the tour weren't so intent on getting themselves killed. Meanwhile, Polly has enlisted Ellie to go on a double date with two so-called celebrities, who may or may not be trying to scam them. Even so, it's still worth going. After all, who can turn down a date with a celebrity? It's every normal person's dream...

Cast includes:

Phil Ellis as Phil
Johnny Vegas as Johnny
Amy Gledhill as Polly
Katia Kvinge as Ellie
Jason Barnett as Captain Birdseye
And
Terry Mynott as Klaus Von Flump/Mr Kipling

With special guest star Mark Lamarr as Billy Bonker

It is produced by Sam Michell and is a BBC Studios Production.

THU 19:00 The Archers (m0022kwm)

George struggles to keep his head above water, and Neil attempts to do the right thing.

THU 19:15 Front Row (m0022kwp)

Review: Film - *Firebrand*; Book - Rachel Kushner's *Creation Lake*; TV - *Kaos*

Presenter: Tom Sutcliffe
Producer: Claire Bartleet

THU 20:00 The Media Show (m0022kwr)

[Repeat of broadcast at 16:00 on Wednesday]

THU 21:00 Loose Ends (m0022kfm)

[Repeat of broadcast at 18:15 on Saturday]

THU 21:45 Naturebang (m000pmw4)

Naked Mole Rats and Life Extension

Becky Ripley and Emily Knight examine the naked mole rat, a saber-toothed sausage of a rodent, which seems to defy the mammalian laws of aging. It lives way longer than what is expected of a rodent and is now the focus for much medical research as scientists try to understand more about their aging process in the name of human life extension.

Of course, we all want to age slower and live longer, but does

that mean we should continually strive to extend human life expectancy forever and always? Beyond the ethics, there's also some big philosophical questions. How does a longer life span affect our sense of 'self'? And does living longer solve the problem of death?

Featuring Dr Rochelle Buffenstein, Senior Principal Investigator at Calico Life Sciences, and Julian Baggini, philosopher, journalist and author.

THU 22:00 The World Tonight (m0022kwt)

In depth reporting, intelligent analysis and breaking news from a global perspective.

THU 22:45 The View from Castle Rock by Alice Munro (m0022kww)

The Hired Girl: Part 1

Alice Munro's short stories, often set in small town Canada, weave together fiction and autobiography to explore the complexities of human life. The author, who died in May, was awarded the Nobel Prize in Literature in 2013.

In "The Hired Girl", a summer spent working as the live-in help for a wealthy family opens a young woman's eyes to previously unencountered class distinctions.

Read by Laurel Lefkow
Abridged by Eileen Horne
Producer: Eilidh McCreadie

THU 23:00 The Today Podcast (m0022kwy)

Amol and Nick's take on the biggest stories of the week.

THU 23:30 Today in Parliament (m0022kx0)

News, views and features on today's stories in Parliament

FRIDAY 06 SEPTEMBER 2024**FRI 00:00 Midnight News (m0022kx2)**

National and international news from BBC Radio 4

FRI 00:30 The Lowball Tapes (m0014xtr)

[Repeat of broadcast at 11:45 on Thursday]

FRI 00:48 Shipping Forecast (m0022kx4)

The latest weather reports and forecasts for UK shipping

FRI 01:00 Selection of BBC World Service Programmes (m0022kx6)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (m0022kx8)

The latest weather reports and forecasts for UK shipping

FRI 05:30 News Briefing (m0022kxb)

The latest news from BBC Radio 4

FRI 05:43 Prayer for the Day (m0022kxd)

An Inspiring Woman

A reflection and prayer to start the day with Rev Dr Lesley Carroll

FRI 05:45 Farming Today (m0022kxg)

The latest news about food, farming and the countryside.

FRI 06:00 Today (m002210h)

News and current affairs, including Sports Desk, Weather and Thought for the Day.

FRI 09:00 The Reunion (m0022kh2)

[Repeat of broadcast at 10:00 on Sunday]

FRI 10:00 Woman's Hour (m002210k)

Women's voices and women's lives - topical conversations to inform, challenge and inspire.

FRI 11:00 The Food Programme (m002210m)

Fresh Food Ideas? Some new MPs look ahead

As MPs return to Westminster after the summer recess, The

Food Programme catches up with three of the newer recruits to discuss future food policies.

Sheila Dillon meets Dr Simon Opher MP (Labour), Aphra Brandreth MP (Conservative) and Sarah Dyke MP (Liberal Democrat) at the head office and kitchens of catering firm Social Pantry, who work with ex-prisoners on their zero-waste food offering.

The questions come from some familiar voices to The Food Programme, including Dr Chris Van Tulleken, Asma Khan, Nicole Pisani (Chefs in Schools), Professor Tim Lang and Helen Browning (Soil Association).

Can this group of MPs push food and farming up the agenda in Parliament, and if so - what will be their focus?

Presented by Sheila Dillon
Produced in Bristol by Natalie Donovan

FRI 11:45 The Lowball Tapes (m0014xxr)
Hunting the Truth

The public had a chance to find out the truth about the Libor scandal in 2012 – but somehow they didn't. Andy finds secrets kept from MPs and even the juries in the rate rigging trials. Can he find out where the instructions to lowball really came from?

Presenter: Andy Verity
Producer: Sarah Bowen
Music: Oskar Jones

FRI 12:00 News Summary (m002210p)
The latest national and international news from BBC Radio 4.

FRI 12:04 AntiSocial (m002210r)
Adam Fleming helps you work out what the culture war arguments are really about.

FRI 12:57 Weather (m002210t)
The latest weather forecast

FRI 13:00 World at One (m002210w)
Forty-five minutes of news, analysis and comment.

FRI 13:45 More Wow (m002210y)
Extraordinary People

What is awe, and where do we find it?

Exploring how the elusive emotion of awe can be a vital force in our lives.

As something usually associated with intense experiences and extreme environments, for many of us awe can often seem difficult to attain. Science journalist Jo Marchant tracks down individuals who live awe-filled lives, uncovering where we might find it ourselves and how it can alter body and mind.

Episode five: Jo heads to her local outdoor gym, Steel Warriors, to learn how watching extraordinary physical acts inspires us to achieve better. She meets one of the star competitors, Garvin Gabriel. And she hears from South African cosmologist, mathematician and activist George Ellis, about how watching acts of moral virtue in the civil rights movement of his country inspired him to be better.

Featuring: Dacher Keltner, Professor of Psychology at the University of California, Berkeley and author of *Awe: The Transformative Power of Everyday Wonder*; Helen de Cruz, Professor of Philosophy at St Louis University, Missouri and author of *Wonderstruck: How Wonder and Awe Shape the Way We Think*.

Presented by Jo Marchant, author of *Cure, The Human Cosmos and Decoding the Heavens*.

Producer: Eliza Lomas
Editor: Chris Ledgard

FRI 14:00 The Archers (m0022kwm)
[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Limelight (m0021ynd)
11 Minutes Dead

11 Minutes Dead - Episode 5

Paranormal thriller about Near Death Experience.

After losing consciousness in a surfing accident, Beth is faced

with a horrifying vision of the future. When she awakes, she discovers not only that she has returned with mysterious new abilities but that something sinister has followed her back from the other side.

Time is running out for Beth as she seeks to evade the dark forces that are coming for what she holds most dear. She turns to the man who poses the greatest threat of all.

Written by Lucy Catherine

Beth Scarlett Brookes
Jem Paul Ready
Stefan Mark Edel-Hunt
Roz Claire Lams
The Traveller Maureen Beattie
Sammi Mabel Cresswell

Production Co-ordinator: Gaelan Davis-Connolly
Sound Design: Peter Ringrose
Director: Sasha Yevtushenko

FRI 14:45 Buried (m001hrf3)
Series 1

Series 1 - 4. Blackleg

In the dead of night, a meeting with a vet, who talks of an eerie event. It leads to a trail of toxins. Could Mobuoy still be a threat?

"All you have to do... is dig it up."

A trucker's deathbed tape plays out. It's urgent, desperate.

In this BBC Radio 4 podcast series, investigative journalists Dan Ashby and Lucy Taylor deep-dive into one of the worst environment crimes in UK history - the secret dumping of a million tonnes of waste near a city. But when they uncover missing documents, fears of toxicity and allegations of organised crime, they realise they've stumbled into something much bigger. As they pick at the threads of one crime, they begin to see others. Could Britain be the home of a new mafia, getting rich on our waste?

In a thrilling ten-part investigation, the husband-and-wife duo dive into a criminal underworld, all the time following clues left in a deathbed tape. They're driven by one question - what did the man in the tape know?

Presenters and Producers: Dan Ashby and Lucy Taylor
Assistant Producer: Tess Davidson
Original Music and Sound Design: Phil Channell
Sound Design and Series Mixing: Jarek Zaba
Executive Producers: Phil Abrams and Anita Elash
Commissioning Editor: Dan Clarke

A Smoke Trail production for BBC Radio 4

FRI 15:00 Gardeners' Question Time (m0022110)
Horticultural programme featuring a group of gardening experts.

FRI 15:45 Short Works (m0022112)
The Stranger by Daisy Johnson

Daisy Johnson is a multi-award-winning short story writer whose debut novel *Everything Under* was shortlisted for the Man Booker Prize.

In *The Stranger* she weaves a gentle romantic story beginning with an unusual flatshare to save money, then twists it into a suspenseful thriller all in the space of 14 minutes - read by Saffron Coomber.

Saffron Coomber has recently starred in Sir Lenny Henry's *Windrush* drama *Three Little Birds*, was in *Small Axe* by Steve McQueen, and made her West End debut as Shakespeare's muse in *Emilia* by Morgan Lloyd Malcolm

Written by Daisy Johnson
Read by Saffron Coomber
Produced by Allegra McIlroy

FRI 16:00 Last Word (m0022114)
Weekly obituary programme telling the life stories of those who have died recently.

FRI 16:30 More or Less (m0022116)
[Repeat of broadcast at 09:00 on Wednesday]

FRI 17:00 PM (m0022118)
Afternoon news and current affairs programme, reporting on

breaking stories and summing up the day's headlines.

FRI 18:00 Six O'Clock News (m002211b)
National and international news from BBC Radio 4

FRI 18:30 The News Quiz (m002211d)
Series 115

Episode 1

Topical panel quiz show, taking its questions from the week's news stories.

FRI 19:00 The Archers (m002211h)
Writer: Sarah McDonald Hughes
Director: Mel Ward
Editor: Jeremy Howe

Ruth Archer.... Felicity Finch
Pat Archer.... Patricia Gallimore
Harrison Burns.... James Cartwright
Neil Carter.... Brian Hewlett
Susan Carter.... Charlotte Martin
Ian Craig.... Stephen Kennedy
Ed Grundy.... Barry Farrimond
Emma Grundy.... Emerald O'Hanrahan
George Grundy.... Angus Stobie
Mia Grundy.... Molly Pipe
Will Grundy.... Philip Molloy
Brad Horrobin.... Taylor Uttley
Joy Horville.... Jackie Lye
Adam Macy.... Andrew Wincott
Lottie Summers.... Bonnie Baddo

FRI 19:15 Add to Playlist (m002211k)
Joe Stilgoe and Gabriella Swallow on Beethoven, Doo-wop and Mambo

Cellist Gabriella Swallow and singer, pianist and songwriter Joe Stilgoe join Anna Phoebe and Jeffrey Boakye as they add the next five tracks, taking us from a pioneering use of a vocoder for a Stanley Kubrick soundtrack to a Grace Jones synth hit, via some early American Doo-wop.

Producer: Jerome Weatherald
Presented with musical direction by Jeffrey Boakye and Anna Phoebe

The five tracks in this week's playlist:

March – from *A Clockwork Orange* by Beethoven & Wendy Carlos
This Night by Billy Joel
When You Dance by The Turbans
Gopher by Yma Sumac
Slave to the Rhythm by Grace Jones

Other music in this episode:

Night Boat to Cairo by Madness
Harder, Better, Faster, Stronger by Daft Punk

FRI 20:00 Any Questions? (m002211m)
Topical discussion posing questions to a panel of political and media personalities.

FRI 20:50 A Point of View (m002211p)
Weekly reflections on topical issues from a range of contributors.

FRI 21:00 The Verb (m002211r)
The Adverb in Australia

Bringing you the best in Australian spoken word poetry . A special edition of *Adverb*, recorded at the Riverside Theatres in Parramatta the creative edgy hub of Sydney. The exciting Bankstown series of poetry slams. have been attracting huge audiences to poetry . Here we hear 7 of the best perform their work both unaccompanied and with music .

Presented by Ian McMillan with

L-Fresh the Lion
Hani Abdile
Sara Mansour
Adrian Mouhajer
Yleia Mariano
Mohammed Awad
Dobby

FRI 22:00 The World Tonight (m002211t)

In depth reporting, intelligent analysis and breaking news from a global perspective.

FRI 22:45 The View from Castle Rock by Alice Munro (m002211w)
The Hired Girl: Part 2

Alice Munro, who died in May, was awarded the Nobel Prize in Literature in 2013. Her short stories, often set in small town Canada, weave together fiction and autobiography to explore the complexities of human life.

In "The Hired Girl", the wealthy Ontario set arrive at the island for a party with prejudices in tow as the girl indulges an instinct for cruelty.

Read by Laurel Lefkow
Abridged by Eileen Horne
Producer: Eilidh McCreadie

FRI 23:00 Americast (m002211y)
Join the Americast team for insights from across the US.

FRI 23:30 Today in Parliament (m0022120)
News, views and features on today's stories in Parliament