

SATURDAY 24 SEPTEMBER 2022

SAT 00:00 Midnight News (m001c6y2)

The latest news and weather forecast from BBC Radio 4.

SAT 00:30 Fen, Bog and Swamp by Annie Proulx (m001c6wk)

Swamp (continued)

Lifelong environmentalist Annie Proulx brings passion, vitality and rigour to a history of our wetlands. Exploring their history alongside human interactions with these liminal places, the Pulitzer Prize-winning author of 'The Shipping News' and 'Brokeback Mountain' makes an elegant and compelling contribution to the debate around the environmental crisis.

American mangrove swamps give Proulx the opportunity to consider conservation and repair.

Written by Annie Proulx
Read by Lorelei King
Abridged by Patricia Cumper
Producer: Eilidh McCreadie

SAT 00:48 Shipping Forecast (m001c6y4)

The latest weather reports and forecasts for UK shipping.

SAT 01:00 Selection of BBC World Service Programmes (m001c6y6)

BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

SAT 05:20 Shipping Forecast (m001c6y8)

The latest weather reports and forecasts for UK shipping.

SAT 05:30 News Briefing (m001c6yb)

The latest news from BBC Radio 4

SAT 05:43 Prayer for the Day (m001c6yd)

Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

SAT 05:45 Four Thought (m001hz5c)

What I learnt from Reality TV

Former Love Island contestant Malin Andersson reflects on how reality TV changed her outlook on life and her relationship with social media. In an honest and open talk, Malin shares what led her to go on reality TV, her experience of eating disorders, how grief forced her to examine her relationship with social media, and what she learnt from being on reality TV.

"Once you're in the limelight your whole life is out there for people to see and comment on and it isn't easy. You feel like you are constantly comparing yourself to others, you have to do more – and if you aren't booking work or TV you feel like a failure."

Image Credit: Kimmie Hoo

SAT 06:00 News and Papers (m001cdmw)

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

SAT 06:07 Ramblings (m001c6tt)

Epsom Downs & Langley Vale Wood

Listener Jo Forrest got in touch inviting Clare to walk with her and a group of fellow walkers with T1 Diabetes who discovered the beautiful lush landscapes around Epsom Downs Racecourse during their lockdown walks. Jo, Chiara, Nicole and Denise are keen to share awareness of Type 1 Diabetes and how they manage it in their every day lives. Their walk takes them beyond the racecourse to Langley Vale Wood scene of Lord Kitchener's inspection of the troops in 1915. Wooden sculptures of the soldiers haunt the landscape and even on a Summer's day the stillness and solemnity make for a poignant reminder of the Fallen.

Producer: Maggie Ayre

SAT 06:30 Farming Today (m001cdmy)

24/09/22 Farming Today This Week: cost-of-living crisis in rural areas; reaction to "mini budget"

This week : the cost-of-living crisis in the countryside. Some care workers are being forced out of their jobs because they can't afford the petrol. One care organisation has written to the new prime minister calling for an emergency fuel fund for care

workers.

We hear from families living off the grid in remote parts of Northumberland. They have to rely on generators for electricity as they can't afford to pay the connection to the mains. Elsewhere households which rely on heating oil, because they're not on mains gas - and there an estimated 1.5 million of them - are worried about how they're going to fill their tanks this winter.

Also we get reaction to the government's new Energy Bill Relief Scheme. One country pub in Cumbria welcomes the price cap for businesses, but is worried about surviving the winter. The Black Swan in Kirkby Stephen has already had to close two days a week due to staff shortages.

And the Council for the Protection of Rural England tells us what it makes of the government's "mini budget" which announced tax cuts and plans to 'liberalise planning rules' to release more land for housing, commercial development and infrastructure projects. Environmental campaigners are especially worried about relaxing the rules around fracking. The CLA which represents rural businesses and landowners welcomes the government's intention to reform planning laws and simplify taxes, it thinks it's necessary to boost the rural economy, but says it's difficult to see how the announcements will work in practice.

SAT 06:57 Weather (m001cdn0)

The latest weather reports and forecast

SAT 07:00 Today (m001cdn2)

Including Sports Desk, Weather and Thought for the Day.

SAT 09:00 Saturday Live (m001cdn4)

Melanie C

Melanie C joins Nikki Bedi and Richard Coles. The musician, actor and now memoirist talks about how the seeds for Sporty Spice were planted in her childhood, reveals what it was like to be part of the Spice Girls, and the personal struggles behind the success.

Pastor Mick Fleming was once a dangerous, violent drug user and dealer but he transformed his life in his 40s and now provides comfort and support for those in need.

Opera singer Rebecca Bottone is the daughter of two acclaimed opera singers. She grew up backstage at some of the most prestigious performance spaces in the world. But as her career was taking off she experienced two traumatic pregnancies and was told at one point that she would never walk again.

Rylan Clark shares his Inheritance Tracks: Forget Me Nots by Patrice Rushen and Pure Shores by All Saints.

Theo Fennell is a world-famous jewellery designer who's often described as The King of Bling. He talks about the importance of optimism and his love of condiments.

Who I Am: My Story by Melanie C is out now.

Blown Away: From Drug Dealer to Life Bringer by Pastor Mick Fleming is out now.

Rebecca Bottone's Gilbert and Sullivan tour runs from Saturday 1st October until Sunday 13th November, starting in Stoke-on-Trent and ending in Richmond.

Ten – The Decade that Changed My Future by Rylan is out on 29th September

I Fear For this Boy: Some Chapters of Accidents by Theo Fennell is out now.

Producer: Claire Bartlett

SAT 10:30 You're Dead To Me (p087r8kb)

Eleanor of Aquitaine

Greg Jenner is joined by historian Gabby Storey and comedian Rachel Parris to take a look at the action-packed life of Eleanor of Aquitaine.

She was the only woman ever to be queen of both England and France. She took to the seas on a crusade and packed her entire household with her. She bore ten children and defended a castle, yet most of her life was spent clearing up her offsprings' mess. So just why is this badass queen's legacy eclipsed by that of her sons?

A Muddy Knees Media production for BBC Radio 4

SAT 11:00 The Week in Westminster (m001cm1p)

Review of the political week, including the new government under Liz Truss, and the challenges facing Labour. Presented by writer and broadcaster Steve Richards, with guests Isabel Hardman, assistant editor, The Spectator; Sebastian Payne, whitehall editor, The Financial Times; and Paul Waugh, chief

political commentator, the i newspaper.

SAT 11:30 From Our Own Correspondent (m001cdn9)

Putin's Gamble

Vladimir Putin's announcement of a partial conscription of some 300,000 Russian men to fight in the war in Ukraine was interpreted by many as an act of desperation. Within Russia, the news sparked protests among people who are against fighting a war they don't believe in. Until now many Russians had continued with life almost as normal, unaffected by Putin's so-called special operation. This week changed that, says Sarah Rainsford.

Iran is facing the most serious challenge to its leadership in years. The death of a young woman in police custody, after she was arrested for allegedly failing to follow hijab rules has triggered nationwide protests in both middle class and working-class areas. Kian Sharifi says these protests show a stiffening resolve.

Rajini Vaidyanathan visits a hospital in Sindh Province in Pakistan, which was the worst affected area in recent floods. The World Health Organisation has warned that the country now faces a second disaster amid an outbreak of waterborne diseases.

Over the past year, Israel's Haredi community has struggled to deal with a series of sex abuse scandals involving high-profile religious and cultural figures. Yolande Knell, reports on the shockwaves the revelations have caused.

Centuries ago, Getaria, a town on Spain's Atlantic coast, gave birth to a man who changed the world: Juan Sebastián Elcano, the first person to navigate a ship around the globe. Julius Purcell was in Getaria for the anniversary of Elcano's mighty achievement and finds the town caught in a national debate over Spain's imperial legacy.

Presenter: Kate Adie
Producer: Serena Tarling
Researcher: Ellie House
Editor: Richard Fenton-Smith
Production Coordinator: Iona Hammond

SAT 12:00 News Summary (m001cdnc)

The latest national and international news from BBC Radio 4.

SAT 12:04 Money Box (m001cdnf)

A not-so 'mini budget'

Paul Lewis has full details of what the mini budget will mean for your finances including changing tax rates, stamp duty alterations and support for those on low incomes.

Presenter: Paul Lewis
Reporter: Dan Whitworth
Researcher: Sandra Hardial
Editor: Clare Worden
(First broadcast Saturday 24th September 2022)

SAT 12:30 The News Quiz (m001c6xh)

Series 109

Episode 2

This week Andy is joined by Ria Lina, Ian Smith, Hugo Rifkind and Esther Manito. They discuss Liz Truss' first international trip as Prime Minister, the pros and cons of electoral reform for Labour, and the art of bluffing on the world stage.

Hosted and written by Andy Zaltzman with additional material from Alice Fraser, Heidi Regan, Stephanie Kemp and Jade Gebbie

Producer: Georgia Keating
Executive Producer: Richard Morris
Production Co-ordinator: Ryan Walker-Edwards

A BBC Studios Production

SAT 12:57 Weather (m001cdnh)

The latest weather forecast

SAT 13:00 News and Weather (m001cdnk)

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

SAT 13:10 Any Questions? (m001c6xp)

Andy Burnham, Anne Longfield, Andrew Stephenson, Richard Walker

Victoria Derbyshire presents political debate from Holy

Innocents Church in Fallowfield, Manchester.

On this week's panel: Andy Burnham, Mayor of Greater Manchester; Anne Longfield, Chair of the Commission on Young Lives; Andrew Stephenson MP, Minister in the Department for Levelling Up, Housing and Communities; Richard Walker, Managing Director of Iceland Foods.

Producer: Emma Campbell
Lead broadcast engineer: John Benton

SAT 14:00 Any Answers? (m001cdnm)
Have your say on the issues discussed on Any Questions?

SAT 14:45 39 Ways to Save the Planet (m000zlk0)
Big Drop Energy

A big weight and a very, very deep hole. The team behind Gravitricity think they have found a solution to a serious problem with renewable energy. As we rely increasingly on wind and solar energy the risk rises of the lights going out when the wind doesn't blow and the sun doesn't shine. We can solve the problem with energy storage but batteries are expensive and don't last very long. As Tom Heap and Tamsin Edwards hear, the answer could lie with a deceptively simple pulley system. Put an enormous weight at the bottom of a mineshaft. When you have lots of wind or sun, use the electricity to pull the weight to the surface. When you're short of power, release it and send a huge surge of energy back into the grid.

Producer: Alasdair Cross
Researcher: Sarah Goodman

Produced in association with the Royal Geographical Society. Special thanks for this episode to Professor Stephen Peake from the Open University and Dr Hugh Hunt from the University of Cambridge.

SAT 15:00 Censoring an Iranian Love Story (b0bgpc19)
Episode 2

To win Sara's love, Dara now faces an unsuspected rival and a dangerous neighbour.

In order for his book to receive a publishing permit, the writer must convince Mr Petrovich, the all-powerful censor at the Ministry of Culture and Islamic Guidance, that it will not provoke sin in the mind of the reader.

His characters, Sara and Dara, meet at a riot and are obliged to hide their encounters from both their families and the regime's Campaign Against Social Corruption, the feared citizen-guardians of Islamic morality. Gender separation is rigorously enforced and illicit passion punished so the lovers exercise their creativity to meet in secret amid the bustling streets of Tehran, in an empty cinema and a hospital A&E unit. Discovery would mean imprisonment, or even death.

Yet writing freely of their encounters puts the writer in as much peril as his own fictional lovers in this Farsi "Fahrenheit 451".

Shahriar Mandanipour's contemporary drama from Iran. A writer must cheat the censor to publish his love story.

Petrovich Philip Arditti
Sara Isabella Nefar
Dara Amir El-Masry
Mother Sara Nathalie Armin
Father Sara Nabil Elouahabi
Mr Sinbad & Brother Atta Pevh Mann
Jafar and Father Dara Raad Rawi
Mother Dara Mia Soteriou

Other roles were played by the cast.

Dramatised by Hattie Naylor from the translation by Sara Khalili

Executive Producer: Sara Davies
Sound Design by James Morgan and Steve Bond
Music by Gorkem Sen
Director: Nicolas Jackson

An Afonica production for BBC Radio 4, first broadcast in August 2018.

SAT 16:00 Woman's Hour (m001cdnp)
Women gambling, Male friendships, Anna Fedorova, Catherine Mayer, Sheep shearing and Beige flags

The number of women gambling is expected to rise as the cost of living crisis continues. Hear Jo's story of what happened when she became addicted to gambling, and advice on the warning signs and how to get help from the chief executive of GambleAware Zoe Osmond.

When Max Dickens needed to find himself a best man, he realised that he had no male friends. When he discovered that this is something lots of men go through, he decided to write a book with hints and tips for men, as well as what they can learn from the women in their lives about how to keep friendships.

As the war in Ukraine goes on, musicians are providing hope and peace for Ukrainians. Piano soloist Anna Fedorova explains what she's achieved through the power of music alongside the Ukrainian Freedom Orchestra.

The royal family is going to have a new, slimmer, shape in future. Royal biographer Catherine Mayer tells Emma what this means for Prince Andrew in particular, as well as the future of the monarchy under King Charles.

Sheep shearer Marie Prebble tells us how she set a brand new women's world record for sheep shearing – which involved months of training, and eight hours straight of holding wriggling sheep.

Caitlin McPhail and Helen Thorn discuss dating in the modern world – including the small signs on online dating profiles that show someone's a little bit boring, and how to let your true personality shine on dating platforms.

Presenter: Anita Rani
Producer: Lottie Garton

SAT 17:00 PM (m001cdnr)
Full coverage of the day's news

SAT 17:30 Political Thinking with Nick Robinson (m001cdnt)
The Jeremy Corbyn One

Nick Robinson talks to former Labour leader Jeremy Corbyn about how he became a socialist, Russia's invasion of Ukraine, and whether he'll be allowed to stand again as a Labour candidate.

SAT 17:54 Shipping Forecast (m001cdnw)
The latest weather reports and forecasts for UK shipping.

SAT 17:57 Weather (m001cdny)
The latest weather reports and forecast

SAT 18:00 Six O'Clock News (m001cdp0)
Sir Keir Starmer says the Labour conference will set out a fairer alternative to the government's tax cuts, which he said would "make the rich richer".

SAT 18:15 Loose Ends (m001cdp2)
Stewart Lee, Denzel Westley-Sanderson, Dr John Woolf, Charlotte Ritchie, Julian Lage, Plastic Mermaids, Sara Cox, Danny Wallace

Danny Wallace and Sara Cox are joined by Stewart Lee, Denzel Westley-Sanderson, Charlotte Ritchie and Dr John Woolf for an eclectic mix of conversation, music and comedy. With music from Julian Lage and Plastic Mermaids.

SAT 19:00 Profile (m001cdp4)
Giorgia Meloni

As Italians go to the polls it's Giorgia Meloni's right-wing party, Brothers of Italy, that's tipped to lead a centre-right coalition. But what is it about her that appeals so much to her voters?

Meloni was born in a working-class neighbourhood of Rome, and got into politics aged 15. She rose through the ranks of her local far-right party, often being sent into schools to counteract left-wing activism.

She made history in 2008 when she was appointed Youth Minister by then prime minister, Silvio Berlusconi, becoming Italy's youngest ever minister.

Four years later, aged 35, she split from Berlusconi and started her own political party, the Brothers of Italy, where she has been President since 2014.

In recent years, Fratelli d'Italia has boosted its appeal and looks set to become the largest party. But with Italy's fast turnover of prime ministers, can Giorgia Meloni stay the course and deliver what Italy wants?

CREDITS
AP Archive, Fratelli d'Italia rally, Oct 2019.

Presenter: Mark Coles
Producers: Sally Abrahams, Diane Richardson and Matt

Toulson
Production Co-ordinators: Helena Warwick-Cross and Maria Ogundele
Sound engineer: Neil Churchill
Editor: Richard Vadon

SAT 19:15 This Cultural Life (m001cdp6)
James Corden

Actor, writer and comedian James Corden reveals the most important people, events and cultural works that inspired his own creativity. He's now probably best known as an Emmy-winning television chat show host, although he recently announced that he would step down from The Late Late Show in 2023. James Corden is the co-creator of the much-loved BBC sitcom Gavin and Stacey, for which he won a BAFTA. His stage work includes Alan Bennett's National Theatre play The History Boys, and the starring role in One Man Two Guvnors, which won him a Tony Award after it transferred to Broadway. His film roles include Oceans 8, Peter Rabbit, Into The Woods and The Prom.

James Corden reveals how he wanted to entertain audiences from a very young age, and his theatrical ambitions were encouraged by his father who would take him to see musicals. He chooses the experience of seeing Gary Wilmot starring in the stage show Me and My Girl as one of his most important inspirations. He also reflects on the experience of working for writer-director Shane Meadows on the film 24/7, which starred Bob Hoskins, and the huge influence on his own work of filmmaker Mike Leigh. James also chooses the television comedy drama series The Royle Family as one of the inspirations for his series Gavin and Stacey, which he co-wrote with Ruth Jones. Reflecting on his recent decision to leave The Late Late Show, he reveals that he was persuaded to move on and pursue new creative challenges by a David Bowie quote.

Producer: Edwina Pitman

SAT 20:00 Archive on 4 (m001byg0)
Paul Verhoeven's American Futures

The writer Ken Hollings explores the American futures as depicted in Paul Verhoeven's Robocop, Total Recall and Starship Troopers with Verhoeven & many of his key collaborators. "Would you like to know more?"

With Robocop, Verhoeven's first instinct was to throw the script in the bin. History has proved otherwise. Robocop's punk-ass takedown of ruthless corporations in the age of Reagan remains a gleeful assault on American capitalism. 'Good business is where you find it' whether its the boardroom or the coke lab. Amid all that is set the poignant tale of Officer Murphy's death & resurrection as man machine.

Total Recall cemented Verhoeven's reputation as the wickedly ironic & brazen blockbuster king. Adapted from a Philip K. Dick short story, once again ruthless corporate forces control the very air that Martian colonists breathe. The mutant underground are the resistance as Arnold Schwarzenegger undergoes the ultimate trip - or does he?

Starship Troopers wickedly deconstructs its Robert Heinlein source novel. A classic platoon movie of forever war. Its fresh-faced, gung ho, beautiful soap stars are put into the mincer of war and mutilated by bugs. But are we really the good guys - and isn't that charming Neil Patrick Harris in full fascist regalia? 'Do you want to know more?'

Joining Verhoeven are writers Ed Neumeier, Mike Miner and Gary Goldman, producer Jon Davison, actor Kurtwood Smith, sound designer Stephen Flick & stop motion wizard Phil Tippett with archive of Miguel Ferrer, Basil Poledouris & screenwriter Ronald Shuset.

Producer: Mark Burman

SAT 21:00 GF Newman's The Corrupted (b088fg42)
Series 3

Episode 7

Brian makes a friend in the Kensington planning department, whilst Tony Wednesday takes new information about the paedophile ring to his commanding officer.

GF Newman's The Corrupted weaves fiction with real characters from history, following the Fortunes of the Oldman family - from small-time business and opportunistic petty crime, through gang rivalries, to their entanglement in the highest echelons of society. It's a tale revealing the nexus of crime, business and politics woven through the fabric of 20th century greed as even those with hitherto good intentions are sucked into a web of corruption.

Joey Oldman, an uneducated Jewish child immigrant from

Russia, has a natural instinct for business and a love of money - coupled with a knack for acquiring it. His wife Cath is as ruthless in both the pursuit of money and the protection of her son, Brian. Joey built his empire with the help of a corrupt bank manager in the 1950s, starting with small greengrocer shops before moving into tertiary banking and property development, dealing with many corrupt policemen on the way - and befriending both Lord Goodman and Margaret Thatcher.

Written by G F Newman
Produced and Directed by Clive Brill
A Brill production for BBC Radio 4.

SAT 21:45 Joe Smith and His Waxworks (b0650611)
Duck, Love and Eloquence

An extraordinary account of a showman's life drawn from his memoirs about touring a rough waxworks show around the southern counties of England in the 1840s. Read by Tony Lidington.

Published in 1896, Bill Smith's memoirs recall his early life working for his Uncle Joe, whose touring waxworks show was well-known at country fairs in the south of England in the middle of the 19th century.

It's an extraordinary story of the hardships of an itinerant performer's life in an age when the great historical characters from kings to vagabonds and famous scenes from the Bible, literature and fairy tales were brought to the towns and villages of England by the showmen and storytellers of the travelling fairs.

In today's episode Uncle Joe recruits an odd-job man he finds working with the donkeys on Yarmouth sands, and woos his wife at a country dance.

A Pier production for BBC Radio 4

SAT 22:00 News (m001cdp9)
The latest national and international news from BBC Radio 4

SAT 22:15 Bringing Up Britain (m001c6nj)
Series 15

Why Does Maths Make Me Anxious?

If asked to quickly divide a bill, or publicly calculate a percentage, does your mind go blank, do you feel uneasy? Maths anxiety could be impacting 20% of the country, but few people have ever heard the term.

It can start in childhood but shape your whole life – impacting your career choices, earning potential, even chances of going to prison.

Anjula Mutanda asks where and when does it start, what role do teachers and parents play and is there a remedy. Why are UK students more anxious about maths than anywhere else in the world and what impact could this little discussed anxiety be having on the nation?

14 year old Noah tells Anjula what maths anxiety really feels like and how it affects his life at school. His parents are eager to know how they can help - they're fine supporting him in every other subject, but have no idea what to do with maths anxiety.

To help answer questions and find solutions, Anjula is joined by:
Professor Margaret Brown, President of the Maths Anxiety Trust; cognitive scientist and President of Barnard College
Professor Sian Beilock; Stanford Maths Education Professor Jo Boaler; Tom Hunt, Associate Professor of Psychology and lead of the University of Derby's Mathematics Anxiety Research Group; Roi Cohen Kadosh, Professor of Cognitive Neuroscience at the University of Surrey and PhD researcher at Abertay University, Dawn Short.
Producer: Sarah Bowen

SAT 23:00 Brain of Britain (m001c650)
Heat 8, 2022

The eighth heat of Brain of Britain 2022 comes from Salford, with four competitors from around the UK facing Russell Davies' questions in their bid for a place in the semi-finals. Will they remember the name of the private investigator who was the main character in The Maltese Falcon? Or what 'selenology' is the study of? Or what kind of animal a 'Flemish giant' is?

Taking part today are:
Rob Earnshaw from Dudley
Jim Maginnis, originally from County Armagh
Jo McEvedy from Newcastle upon Tyne
Sarah Trevarthan from Manchester

A lucky Brain of Britain listener will also have a chance to win a prize if his or her questions succeed in outwitting the combined brainpower of the contestants.

Assistant Producer: Stephen Garner
Producer: Paul Bajoria

SAT 23:30 Imagiste (m001c67q)

Jean Sprackland explores the subversive beauty of the female Imagist poets, such as H.D. and Amy Lowell, whose work changed the direction of poetry in the years just before the First World War. They sought crystalline precision - a pared down presentation of the thing itself and a desire to use the poem not to record a moment, but to be that moment. Jean talks to fellow poets Fiona Benson, Nisha Ramayya and Mona Arshi, who've all been inspired by the original Imagistes, and to researchers Richard Vytiniorgu, Exeter University and Melissa Bradshaw, Loyola University in Chicago, and discovers an enduring and rich legacy.

Readings by Fenella Woolgar

Produced by Emma Harding

SUNDAY 25 SEPTEMBER 2022

SUN 00:00 Midnight News (m001cdpc)
The latest news and weather forecast from BBC Radio 4.

SUN 00:15 Living with the Gods (b09gfbyb)
Ruling with the Gods

Neil MacGregor continues his series on shared beliefs with a focus on earthly rulers and the gods.

Queens and kings may be priests of the gods, or their representatives. They may be incarnations - or even gods themselves. Or the relationship may be so close that to divide spiritual from temporal power at all would simply make no sense.

Neil examines these ideas, with the help of objects including a bronze staff belonging to the Oba of Benin, and a bronze vessel from China, whose inscription suggests that its dynastic leaders enjoyed a mandate from heaven.

Producer Paul Kobrak

The series is produced in partnership with the British Museum, with the assistance of Dr Christopher Harding, University of Edinburgh.
Photograph (c) The Trustees of the British Museum.

SUN 00:30 39 Ways to Save the Planet (m000z5w0)
Buy Less Stuff

From clothes to cars and buildings, all our new 'stuff' takes energy and resources to produce. If we want to cut down the use of high carbon materials like steel and cement then we need a new attitude. We need to think about sharing more and valuing what we have, we need products that are designed to last longer.

Tom Heap meets Aisling Byrne from clothing app NUW. Concerned about the impact of fast-fashion on the environment, she found that lecturing friends who loved fashion didn't change their minds or behaviour, so she's designed a clothes-sharing app for people to put unwanted clothes into new hands and get the excitement of something 'new' in return. It can stop the demand for brand new products at the top end and avoid landfill at the other end. Professor Julian Allwood of Cambridge University expands on how much our desire for bigger and better is impacting on resources and how behaviour change needs to come sooner rather than later.

Producer: Anne-Marie Bullock
Researcher: Sarah Goodman

Produced in association with the Royal Geographical Society. Special thanks for this episode to Dr Mike Tennant of Imperial College London, Dr Sonali Diddi of Colorado State University, Professor Jana Hawley of the University of North Texas and Professor Sandy Black of the London College of Fashion.

SUN 00:48 Shipping Forecast (m001cdpf)
The latest weather reports and forecasts for UK shipping.

SUN 01:00 Selection of BBC World Service Programmes (m001cdph)
BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

SUN 05:20 Shipping Forecast (m001cdpk)
The latest weather reports and forecasts for UK shipping.

SUN 05:30 News Briefing (m001cdpm)
The latest news from BBC Radio 4

SUN 05:43 Bells on Sunday (m001cdpp)
The Norman Tower of St Edmundsbury Cathedral, the Cathedral Church for Suffolk

Bells on Sunday comes from the Norman Tower of St Edmundsbury Cathedral, the Cathedral Church for Suffolk. The detached tower was originally constructed in the early 12th century as the gatehouse to a vast abbey. Following the abbey's dissolution in 1539, it became the bell tower for the nearby St James Parish Church which subsequently became a cathedral in 1914. Today the Norman Tower houses a fine ring of twelve bells with a tenor weighing twenty seven and a half hundredweight, tuned to C sharp.

SUN 05:45 Profile (m001cdp4)
[Repeat of broadcast at 19:00 on Saturday]

SUN 06:00 News Summary (m001cdvm)
The latest national and international news from BBC Radio 4

SUN 06:05 Something Understood (b00kh26k)
Homesickness

Mark Tully explores homesickness - a yearning more complex than nostalgia for homeland - in a programme from 2009.

How true is it that all older people are homesick for the culture of their childhood?

With readings from George Orwell and John Clare, and a delightful interview with the late Rabbi Lionel Blue.

Produced by Elizabeth Burke
A Loftus production for BBC Radio 4

SUN 06:35 Natural Histories (b07fxsm)
Owl

Owls are lovable cuddly creatures and wicked associates of witches and the dark: what prompted such contradictions? Brett Westwood investigates. With contributions from a host of hoots and the poetry of William Wordsworth and George Macbeth and Mike Toms of the British Trust for Ornithology, writers Mark Cocker and Richard Mabey, biologist and man-watcher Desmond Morris, a husband and wife team of owl keeper and collector of ceramic figurines, and the museum curator David Waterhouse. Plus a stuffed specimen of the extinct laughing owl of New Zealand.

First Broadcast in a longer form 14th June 2016

Archive producer for BBC Audio in Bristol : Andrew Dawes

SUN 06:57 Weather (m001cdvr)
The latest weather reports and forecast

SUN 07:00 News and Papers (m001cdvt)
The latest news headlines. Including a look at the papers.

SUN 07:10 Sunday (m001cdvx)
Iran and the Hijab; Faith in the reign of King Charles; Rural Church Monuments

For the first time in Northern Ireland's one hundred and one year history, Census figures reveal there are more people from a Catholic background than there are Protestants. Emily Buchanan looks at what this moment means for the future of the Province.

How do you engage post-millennials in the subject of Theology? Two of the finalists in this year's 'Theology Slam', a competition to find new voices who think theologically about the modern world, enlighten us.

The death in custody of 22 year-old Mahsa Amini has sparked waves of protest across Iran. Mahsa was arrested by the country's morality police for the way she wore her hijab. We explore how the country's strict dress code for women is igniting calls for change.

C.B. Newham spent the last twenty five years documenting and photographing the contents of more than nine thousand rural Parish Churches. He explains how shifts on the world stage from politics to war to religion, helped shape the fashion for

those sculptures.

Leicester's Muslim and Hindu Community Leaders are calling for peace after weeks of unrest amongst mainly young men from both faiths. We look at what's behind the tensions in the City, usually noted for it's strong sense of interfaith harmony.

In a recent meeting with a group of Faith Leaders, King Charles confirmed his commitment to the Christian faith and described Britain as a 'community of communities'. Guests from different faith denominations discuss what the Monarch's future relationship with religion could look like.

Producers: Jill Collins and Louise Clarke-Rowbotham
Editor: Dan Tierney

*Photograph courtesy of C.B. Newham, author of 'Country Church Monuments'.

SUN 07:54 Radio 4 Appeal (m001cdw0)
Lord's Taverners

Comedian and TV host Adam Hills makes the Radio 4 Appeal on behalf of the sports charity Lord's Taverners.

To Give:

- UK Freephone 0800 404 8144

- You can donate online at bbc.co.uk/appeal/radio4

- 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 'Lord's Taverners'.

- Cheques should be made payable to 'Lord's Taverners'.

Please note that Freephone and online donations for this charity close at **23.59** on the Saturday after the Appeal is first broadcast. However the Freepost option can be used at any time.

Registered charity number: 306054

SUN 07:57 Weather (m001cdw2)

The latest weather reports and forecast

SUN 08:00 News and Papers (m001cdw5)

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

SUN 08:10 Sunday Worship (m001cjny)

Freedom of Religion and Belief

At a keynote presentation to the recent Lambeth Conference of Anglican bishops, Dr Guli Francis-Dehqani (Bishop of Chelmsford) told the story of the murder of her brother in the Iranian revolution. As a teenager her whole family, including her Father who was Bishop in Iran, had to go into exile in UK. With an address by Philip Mounstephen (Bishop of Truro) who in 2019 was invited to present an independent review for the Foreign Secretary of Foreign and Commonwealth Office support for persecuted Christians. Escapee from North Korea Timothy Cho tells of his experiences of fleeing persecution. Readings from 1 Peter 4 and Daniel 3. Producer: Philip Billson

SUN 08:48 A Point of View (m001c6xr)

A Deadly Serious Game

As Vladimir Putin warns he is willing to use any military means necessary in the war with Ukraine, Zoe Strimpel - a recent convert to chess - examines how Mr Putin is likely to play his next hand.

'The future of the world once more hangs in the balance of moves between the West and Russia,' she writes.

'The question of whether Russia really does have a strategic grandmaster at the helm - and whether the West can outmanoeuvre him - has become a matter of horrible urgency'.

Producer: Adele Armstrong

Sound: Peter Boshier

Production coordinator: Iona Hammond

Editor: Richard Fenton-Smith

SUN 08:58 Tweet of the Day (b099y91f)

Samuel West on the Bullfinch

Actor and birdwatcher Samuel West discusses the stocky almost brutish looking bullfinch and it's rather wheezy complex high pitched song.

Producer: Tom Bonnett

Photo: Gareth Hardwick.

SUN 09:00 Broadcasting House (m001cdwd)

The Sunday morning news magazine programme. Presented by

Paddy O'Connell

SUN 10:00 The Archers Omnibus (m001cdwj)

Writer, Tim Stimpson

Director, Kim Greengrass

Editor, Jeremy Howe

Jill Archer Patricia Greene
David Archer Timothy Bentinck
Ben Archer Ben Norris
Josh Archer Angus Imrie
Kenton Archer Richard Attlee
Brian Aldridge Charles Collingwood
Lilian Bellamy Sunny Ormonde
Alice Carter Hollie Chapman
Chris Carter Wilf Scolding
Neil Carter Brian Hewlett
Beth Casey Rebecca Fuller
Shula Hebden Lloyd Judy Bennett
Brad Horrobin Taylor Uttley
Tracy Horrobin Susie Riddell
Alistair Lloyd Michael Lumsden
Jim Lloyd John Rowe
Jazzer McCreary Ryan Kelly
Elizabeth Pargetter Alison Dowling
Freddie Pargetter Toby Laurence

SUN 11:15 Desert Island Discs (m001cdwm)

Jay Blades, presenter and furniture restorer

Jay Blades is a furniture restorer who is best known for presenting the Repair Shop on BBC One. The programme, which attracts many millions of viewers, brings old and damaged family treasures back to life and has been praised for its celebration of craftsmanship and the values of kindness and patience.

Jay grew up in Hackney in East London and was brought up by his mother Barbara. He struggled to read as a young boy which held him back at school and he left at 16. Years later, after he got a place to study criminology and philosophy at university, he was diagnosed with dyslexia at the age of 31.

He worked as a community worker for many years and co-founded charities which helped disadvantaged young people learn new skills. One of his charities was based in High Wycombe – an area famous for its historic furniture trade – and Jay learned how to restore furniture alongside the teenagers he was helping.

Later he started his own furniture restoration business and in 2017 he started presenting the Repair Shop. He recently set up his own television production company and has written books about DIY and his experiences on the Repair shop. In 2021 he was awarded an MBE for services to craft.

DISC ONE: Help Me Make It Through the Night by John Holt
DISC TWO: The Night I Fell In Love by Luther Vandross
DISC THREE: Revolution by Dennis Brown
DISC FOUR: Battle by Wookie
DISC FIVE: Love You Anyway by Cameo
DISC SIX: Baby I'm A Fool by Melody Gardot
DISC SEVEN: Kisses Don't Lie by Evelyn "Champagne" King
DISC EIGHT: Take Me To The Alley by Gregory Porter

BOOK CHOICE: The Autobiography of Malcolm X by Malcolm X with Alex Haley
LUXURY ITEM: A reclining massage chair
CASTAWAY'S FAVOURITE: Help Me Make It Through the Night by John Holt

Presenter: Lauren Laverne

Producer: Paula McGinley

SUN 12:00 News Summary (m001cdwr)

The latest national and international news from BBC Radio 4.

SUN 12:04 Mark Steel's In Town (m001c65f)

Series 12

Newport

Mark Steel's In Town - Newport

Mark Steel is back with the 12th series of his award winning show that travels around the country visiting towns that have nothing in common but their uniqueness. After thoroughly researching each town, Mark writes and performs a bespoke evening of comedy for a local audience.

In this fifth episode Mark visits Newport in South Wales.

In this series, Mark will also be popping to Nottingham, Tring, The Isles of Scilly, Salisbury and Paris. And for the first time, there will be extended versions of each episode available on

BBC sounds.

Written and performed by Mark Steel

Additional material by Pete Sinclair

Production co-ordinator Sarah Sharpe

Production co-ordinator Katie Baum

Sound Manager Jerry Peal

Producer Carl Cooper

A BBC Studios production for BBC Radio 4

SUN 12:32 The Food Programme (m001cdrf)

Hospital food - a turning point?

The quality of hospital food around the country remains a very mixed picture, despite various initiatives over the last decades. But now there is real optimism around a major Independent Review of NHS Hospital Food in England, published in 2020. Sheila Dillon looks at the barriers that have been holding back progress, and talks to Prue Leith, an Independent Advisor for the review, about the latest on progress with carrying through its recommendations.

Sheila meets catering teams at the Northern General Hospital in Sheffield, and the Royal Blackburn Teaching hospital, both part of a group of pioneering 'exemplar' NHS Trusts that are doing things differently with hospital meals, to find out how they're building a model that others can follow.

Presented by Sheila Dillon and produced by Sophie Anton for BBC Audio in Bristol.

SUN 12:57 Weather (m001cdwv)

The latest weather forecast

SUN 13:00 The World This Weekend (m001cdwy)

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

SUN 13:30 The Coming Storm (m0013hqs)

3. The Basement

QAnon and the plot to break reality...

A severely disabled boy from upstate New York is shocked when his online community of video game fans is flooded with porn. He gets sucked into a toxic world of mostly young men stuck in their parents' basements, making memes out of snippets of popular culture and Nazi symbols. He becomes a major figure in a dark new counterculture germinating on a niche website called 4chan.

As the 2016 Presidential election approaches, a story grows on 4chan about Hillary Clinton's campaign manager, paedophilia, and references to pizza. The story bursts out into the real world when a man walks into a pizza restaurant with a gun.

Producer: Lucy Proctor

Presenter: Gabriel Gatehouse

SUN 14:00 Gardeners' Question Time (m001c6x5)

Preston

Kathy Clugston and her panel of gardening experts are in Preston. Christine Walkden, James Wong and Kirsty Wilson field the questions.

The panellists are at the University of Central Lancashire this week, where Kathy speaks to Vice Chancellor Graham Baldwin and groundsman Dave Genter about the new roof garden they've planted there, to encourage pollinators and support student wellbeing.

Down in the hall, the panellists tell us how to grow cauliflower and beetroot in the shorter growing season up north. They also advise on how to get lots of flax seed on a budget, and explain how to keep auriculas alive over winter.

Away from the questions, Matthew Wilson heads to Kew Gardens and speaks to botanist Carlos Magdalena about the new waterlily they've discovered there - Victoria Boliviana.

Producer: Dominic Tyerman

Assistant Producer: Aniya Das

A Somethin' Else production for BBC Radio 4

SUN 14:45 What Really Happened in the Nineties? (m0016x8t)

Cool Britannia

Here we are in 2022 navigating cancel culture, Brexit, identity

politics, war in Europe.

How did we get here? Did we miss something? Robert Carlyle, who played the wildcard Begbie in the '90s hit *Trainspotting*, is here to show us that we did. That the world we live in was shaped by the forgotten decade: the 1990s. From Hong Kong to Moscow, Cool Britannia to No Frills flights, we travel back in time to key moments in the '90s that reverberate today in unexpected ways.

Episode 1. Cool Britannia

As government ministers promote the Levelling Up agenda, redistributing investment from London and the South East to the North and Midlands we return to the capital in the 1990s when 'Swinging London' started to become a symbol of unequal Britain. Cultural and economic forces converged as London reinvented itself in the '90s. Britpop, Young British Artists, fashion designers, gastro pups, coffee culture all propelled the capital into what Vanity Fair coined "Cool Britannia".

Robert guides us through this tumultuous decade when competing visions were unleashed about what the cities and the country should become.

Featuring Geoff Mulgan, Iain Sinclair and Helen McCarthy

Historical Consultant Helen McCarthy
Music and Sound Design Phil Channell
Producer Neil McCarthy

SUN 15:00 Eleanor Rising (m001cdx1)
Series 3

1/2

The return of Shaun McKenna's gripping historical drama about the young Eleanor of Aquitaine - wife and mother to Kings, crusader, prisoner and formidable political operator.

An ill-fated crusade to the Holy Land has ended in disaster for Eleanor and her husband, King Louis of France. The journey home is to prove no less hazardous when a storm leaves Eleanor and a small band of survivors shipwrecked behind enemy lines.

Eleanor Bettrys Jones
Louis Joel MacCormack
Petronilla Ruth Everett
Bakr Al Omar Ammar Haj Ahmad
Lady Alyson Grace Cooper Milton
Father Anselm Jonathan Forbes
Pope Eugenius Roger Ringrose

Sound design by Caleb Knightley
Directed by Gemma Jenkins

Though Eleanor of Aquitaine lived nine hundred years ago, she is very modern woman. At 16 she inherits the richest province in France and plans to run it her own way, as her grandfather promised she could. The men around her have other ideas – a young woman with so much power is far too great a threat. Intelligent, tough, imaginative and witty, Eleanor first scandalises then subtly reshapes the world she inhabits. This gains her a host of admirers as well as, inevitably, powerful enemies determined to bring her down. Somehow she stays one step ahead of them all. It's not that Eleanor think likes a man – it's that the men have no idea how to contain someone with power who thinks like a woman.

SUN 16:00 Bookclub (b03c2mys)
Hilary Mantel - Bring Up the Bodies

In a special programme first broadcast in 2013, Hilary Mantel discusses *Bring Up the Bodies*, her second Man Booker Prize-winning novel with James Naughtie and his Bookclub audience.

England, 1535. A one-time mercenary, master-politician, lawyer and doting father, Thomas Cromwell has risen from commoner to become King Henry VIII's chief adviser. He learnt everything he knew from his mentor Cardinal Wolsey, whose place he has taken.

Anne Boleyn is now Queen, her path to Henry's side cleared by Cromwell. But Henry remains without a male heir, and the conflict with the Catholic Church has left England dangerously isolated as France and the Holy Roman Empire manoeuvre for position.

Mantel charts how the King begins to fall in love with the seemingly plain Jane Seymour at her family home of Wolf Hall; how Cromwell must negotiate an increasingly dangerous court as he charms, bullies and manipulates nobility, commoners and foreign powers alike to satisfy Henry, and advance his own ambitions.

Hilary Mantel was the first author to win two Man Booker Prizes with consecutive novels. She discusses *Bring Up the*

Bodies with Jim and her readers at the Budleigh Salterton Literary Festival in Devon - and gives tantalising insights into the final part of the trilogy, *The Mirror and the Light*.

Producer : Dymphna Flynn

SUN 16:30 Word of Mouth (m000s197)
Hilary Mantel in conversation with Michael Rosen

Hilary Mantel, author of the *Wolf Hall* Trilogy, talks in depth to Michael Rosen about her life in writing and language.
Producer Beth O'Dea
Also available to download as part of the *Word of Mouth* podcast.

SUN 17:00 Today (m001c6h7)
The Today Debate: What Do We Want From Our Monarchy?

King Charles III has become sovereign of the world's most well-known constitutional monarchy. The long reign of his late mother, Queen Elizabeth II, was marked by her strong sense of duty and commitment to dedicate her life to her throne and to her people. Given the enormous social change in the 70 years since she ascended to the throne, King Charles will have to make choices about what it means to be a modern monarch. Mishal Husain is joined by a panel of experts, as they consider what might lie ahead for the new King and examine the evolving role of the Royal Family.

SUN 17:40 Profile (m001cdp4)
[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (m001cdx6)
The latest weather reports and forecasts for UK shipping.

SUN 17:57 Weather (m001cdx8)
The latest weather reports and forecast

SUN 18:00 Six O'Clock News (m001cdxb)
Labour says it would bring back the top rate of income tax as its party conference begins

SUN 18:15 Pick of the Week (m001cdxd)
Claudia Hammond

Claudia Hammond, broadcaster, author and Visiting Professor of Psychology at Sussex University with a personal selection of highlights from the past week on BBC radio.

SUN 19:00 The Archers (m001cdr9)
Kenton confides to Jolene that he's already missing Shula. He knows it's silly. Jolene thinks it could be linked to the discovery of his old diary. He admits she might be right, and wonders where all his passion and principles have gone. Jolene asks if she can take a look at the diary. Kenton acquiesces, but she should know there's lots about girls – and particularly Janet Adkin, his teen crush. Jolene's soon engrossed – did Kenton manage to get close to Janet on their trip to the cinema? He explains Janet ran out halfway through the film. When Jolene asks what happened next, he becomes defensive and snatches the diary away.

Ben's slumped under his duvet on the pretext of a headache. He insists to Josh there's nothing wrong between him and Beth, but further than that he won't talk, and shouts at Josh to go away. Later Ben asks Chelsea to the Stables, and apologises for his panic reaction on Friday to her news. She goes over the events of the night of the rave, and Ben listens awkwardly. Whilst he admits he had sex with her willingly, he was hoping not to have to revisit that night ever again. He establishes Chelsea hasn't made any decisions, and they discuss who knows about it. He offers Chelsea support, in any way he can. It dawns on him he'll have to tell Beth. When Josh sees distraught Ben he insists on the truth. Ben tells him, and shocked Josh asks him what he's going to do. Ben just doesn't know.

SUN 19:15 Ed Reardon's Week (b09gg8tr)
Series 12

A Different Direction

All is going well for Ed. He has a regular income from his column in 'Your Motorhome' magazine which has the added bonus of also providing him with comfortable accommodation, and he is more than happy with his new agent, Maggie.

Determined to make the best of this seismic shift in his circumstances Ed resolves to put his relationship with Maggie her on a more permanent footing by introducing her to his children.

Written by Andrew Nickolds and Christopher Douglas.

Ed Reardon Christopher Douglas
Olive Stephanie Cole
Eli Lisa Coleman
Maggie Monica Dolan
Pearl Brigit Forsyth
Jaz Philip Jackson
Ping Barunka O'Shaughnessy
Jake Sam Parnhillon
Stan Geoffrey Whitehead

Producer: Dawn Ellis

A BBC Studios production for BBC Radio 4 first broadcast in November 2017.

SUN 19:45 The Performance of My Life (m001cdxg)
Mrs Watts Goes Missing

Alone in their dressing room and away from the glare of the spotlight, this is the precious time when an actor has the chance to reflect on the most momentous events of their lives on the stage.

In this series of single-voice narratives, five of our most celebrated stars of the late 19th and early 20th century theatre share memories of the performances that changed their lives forever.

The stories are, by turn, touching, hilarious, emotionally-charged, heart-warming and poignant. Each of them, in their own way, is delightfully counterintuitive – familiar characters maybe, but each with an unfamiliar story to tell.

In *Mrs Watts Goes Missing*, the year is 1876 and we find ourselves at the Prince of Wales Theatre in London's West End in the company of Dame Ellen Terry. The leading Shakespearean actress of her age, Ellen Terry spent close on seven decades on the stage.

Writer: Roy Apps
Reader: Janie Dee
Director: Celia de Wolff
Executive Producer: Peter Hoare
A Pier production for BBC Radio 4

SUN 20:00 More or Less (m001c6m9)
The size of Ukraine's offensive, weak pound and how much do women really exercise?

Ukraine has reportedly recaptured nearly 10,000 square kilometres of territory that had been occupied by Russia. We ask where the numbers come from, what they mean and why everyone is comparing them to the size of Greater London. We ask how much money Norway is making out of the current energy crisis. Also why is the pound so weak against the dollar, some odd claims about women and exercise and does it really take 20,000 uses for an organic cotton bag to become more environmentally friendly than a plastic bag?

Presenter: Tim Harford
Series Producer: Jon Bithrey
Reporters: Charlotte McDonald, Nathan Gower
Production Coordinator: Jacqui Johnson
Editor: Richard Vardon

SUN 20:30 Last Word (m001c6x9)
Jean-Luc Godard, Barbara Ehrenreich, Dennis Wilson, Mavis Nicholson

Kirsty Lang on Jean-Luc Godard (pictured), the critic and filmmaker who revolutionised French cinema.

The writer and journalist Barbara Ehrenreich, whose bestseller 'Nickel and Dimed', is considered a classic in social justice literature.

Captain Dennis Wilson, the Normandy veteran whose war poems were ranked alongside Wilfred Owen's...

And Mavis Nicholson, the Welsh broadcaster with a knack for making her subjects talk about matters that they had never previously confronted in public.

Producer: Neil George

Interviewed guest: Ian Christie
Interviewed guest: Professor James Williams
Interviewed guest: Alissa Quart
Interviewed guest: Professor Tim Crook
Interviewed guest: Steve Nicholson
Interviewed guest: Maureen Lipman

Archive clips used: Les Films de la Pléiade/ Pathé Consortium Cinéma, *Vivre Sa Vie* (1962) - Trailer; Daphne Productions

Inc/ WNET/ Thirteen, The Dick Cavett Show – Interview with Jean-Luc Godard 23/10/1980; Les Films Impéria/ Les Productions Georges de Beauregard/ Société Nouvelle de Cinématographie (SNC), À bout de souffle (1960) - Trailer; Rome Paris Films/ Les Films Concordia/ Compagnia Cinematografica Champion, Le Mépris (1963) - Clip; BBC Radio 3, Night Waves 30/01/2003; BBC Radio 4, Woman's Hour – Barbara Ehrenreich interview 22/09/2008; BBC Radio 4, Today Programme – Captain Dennis Wilson interview 19/11/2013; Thames TV/ Pineapple Productions, Mavis catches up with Kenny Everett – jingle 15/11/1989; Thames TV/ Channel 4, Mavis on 4 – Elizabeth Taylor interview 10/02/1988; Thames TV, Afternoon Plus – David Bowie interview 16/02/1979; BBC Wales, Being Mavis Nicholson: TV's Greatest Interviewer 25/08/2016.

SUN 21:00 Money Box (m001cdfn)
[Repeat of broadcast at 12:04 on Saturday]

SUN 21:25 Radio 4 Appeal (m001cdw0)
[Repeat of broadcast at 07:54 today]

SUN 21:30 Princess (p0cjr8p)
Rachel Fairburn on Caroline of Brunswick

Anita Anand in conversation with comedian Rachel Fairburn and historian and biographer Flora Fraser, on Caroline of Brunswick. The princess roped into a bigamous marriage with Prince George, a relationship that quickly dissolved into a very public feud. Scandal and affairs from all parties ensue, and Caroline is left hammering on the door of Westminster Abbey as her husband is crowned King.

Produced by Audio Always
Producer: Ailsa Rochester
Editor: Jo Meeks
Sound: Tom Rowbotham

SUN 22:00 Westminster Hour (m001cdxk)
Carolyn Quinn hosts political conversation live from the Labour Party conference in Liverpool - with Shadow Policing Minister, Sarah Jones; journalist Paul Waugh; and politics academic Professor Jon Tonge. They're also joined from his constituency by the Conservative MP, Tom Hunt. The programme includes an interview with the former Shadow Cabinet Minister, Rebecca Long-Bailey.

SUN 23:00 Loose Ends (m001cdp2)
[Repeat of broadcast at 18:15 on Saturday]

SUN 23:30 Something Understood (b00kh26k)
[Repeat of broadcast at 06:05 today]

MONDAY 26 SEPTEMBER 2022

MON 00:00 Midnight News (m001cdxn)
The latest news and weather forecast from BBC Radio 4.

MON 00:15 Thinking Allowed (m001c6n2)
Gentrification revisited

Gentrification revisited: Laurie Taylor talks to Leslie Kern, Associate Professor of Geography and Environment at Mount Allison University, Canada and author of a new study unpacking the meaning and impact of gentrification six decades after the term was first coined. She travelled from Toronto to New York, London, Paris and San Francisco, scrutinising the myth and reality that surround this highly contested phenomenon. Beyond the yoga studio, farmer's market and retro cafe, she argues that this is not a 'natural' process, but one which impacts the most vulnerable.

They're joined by Dr Charmaine Brown, Senior Lecturer in Politics, Education and Cultural Studies at the University of Greenwich, whose research in Peckham, South East London, finds contrasting perspectives amongst different residents. Beautiful shop fronts, fewer police sirens and new street furniture appeal to incomers but Dr Brown sees a loss of social capital, opportunity and support for the original mainly Black communities.

Producer: Jayne Egerton

MON 00:45 Bells on Sunday (m001cdpp)
[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (m001cdxq)
The latest weather reports and forecasts for UK shipping.

MON 01:00 Selection of BBC World Service Programmes (m001cdxs)
BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

MON 05:20 Shipping Forecast (m001cdxv)
The latest weather reports and forecasts for UK shipping.

MON 05:30 News Briefing (m001cdxx)
The latest news from BBC Radio 4

MON 05:43 Prayer for the Day (m001cdxz)
Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

MON 05:45 Farming Today (m001cdy1)
26/09/22: Reservoir Opposition, Farmers Abused, UK Wine

A plan to flood more than a thousand acres of Lincolnshire farmland to create a new reservoir is being met with strong opposition. More than 2000 people have signed a petition opposing Anglian Water's plans for the site near Sleaford. The company says the facility is vital to secure future water supplies as our climate changes and as demand for water grows.

Farming Today regularly reports on concerns for farmer's mental health - and now a study suggests farmers are also regularly being subjected to abusive behaviour from members of the public. Researchers from the University of Exeter say it is leading to a "strong sense of disconnection" with the wider public. We speak to the Farming Community Network, which says it wants to do more to connect farmers with the communities that live near by.

And as we start a whole week looking at UK wine production, we find out how climate change has been affecting the types of wine being produced.

Presented by Charlotte Smith
Produced in Bristol by Natalie Donovan

MON 05:56 Weather (m001cdy3)
The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b09w14nh)
Richard Jones on the Peregrine

Avian vet Richard Jones introduces the bird that inspired his career. A childhood trip to Anglesey led to an obsession with the fastest bird in the world, a love affair with falconry, and a career as a vet.

Producer: Melvin Rickarby
Photograph: Alan Williams.

MON 06:00 Today (m001cdqq)
News and current affairs, including Sports Desk, Weather and Thought for the Day.

MON 09:00 Start the Week (m001cdqs)
Bradford - Brave New World

In a special edition of the show, in front of an audience at the National Science and Media Museum in Bradford, Adam Rutherford and guests focus on scientific curiosity – its thrills and its dangers.

Professor Matthew Cobb looks back over the last fifty years at the extraordinary development in gene editing. In his book *The Genetic Age: Our Perilous Quest to Edit Life* he traces the excitement of innovation and progress. But as the full potential of manipulating life is understood, he sounds a warning too.

The science historian Professor Alison Bashford tells the history of modern science and culture through the story of one family – the extraordinary Huxley dynasty. Through four generations the family profoundly shaped how we see ourselves, and pushed the boundaries of knowledge in science, literature and film.

Born in Bradford is an internationally-recognised research programme which aims to find out what keeps families healthy and happy. Professor Deborah Lawlor was born in the city and was one of the many scientists involved in setting up the programme. She explains how this vast 'city of research' – with data from more than 700,000 citizens – is being used to improve population health.

Producer: Katy Hickman

MON 09:45 The Captain's Apprentice by Caroline Davison (m001bktp)
Norfolk Rhapsody

Following in the footsteps of Ralph Vaughan Williams, Caroline Davison explores the influence of folk song and the Fens on the composer, in the 150th anniversary of his birth. The reader is Poppy Miller.

Ralph Vaughan Williams was a keen collector of folk songs, and committed to saving these indigenous tunes before they could be forgotten. In 1905 he was in King's Lynn where James 'Duggie' Carter sang 'The Captain's Apprentice'. The tune was beautiful and the melody, harmony and feeling went on to shape Vaughan Williams' future composition. Yet, in stark contrast, the lyrics of this song told a tale of brutal torture at sea. Alongside the story of Ralph Vaughan Williams' passion for folk song and the Fens, Caroline Davison delves into the plight of cabin boys on the high seas who were at the mercy of unscrupulous sea captains. Folk songs are not the only theme examined in this account, we also discover how the landscape of the Fens inspired Vaughan Williams work, and there are glimpses into the composer's personal life, and the times in which he lived.

Caroline Davison has published a novel and a children's book, and was a conservationist in the heritage sector for thirty years. She also performs music and is a singer.

Abridged by Katrin Williams
Produced by Elizabeth Allard

MON 10:00 Woman's Hour (m001cdqy)
Women's voices and women's lives - topical conversations to inform, challenge and inspire.

MON 11:00 Room 5 (m0013rr6)
3: Serena

'I wiped my tears away and had to carry on with the party.' When Serena is given an unexpected diagnosis, she has to make a life-changing decision.

In Room 5, Helena Merriman interviews people who - like her - were changed by a diagnosis.

Written, presented and produced by Helena Merriman
Composer: Jeremy Warnsley
Sound Design: Eloise Whitmore

Production Co-ordinator: Janet Staples
Editor: Emma Rippon
Commissioning Editor: Richard Knight

#Room5

End song: Miffed by Tom Rosenthal

If you have a story you'd like to share you can email:
room5@bbc.co.uk

MON 11:30 The Frost Tapes (p0cl4xh8)
The Beatles

David Frost was the 20th century's most prolific interviewer, a master of conversation with a remarkable talent for getting people to open up and spill their souls. Many of his conversations, however, have been lost - until now. Presented by his son, broadcaster Wilfred Frost, *The Frost Tapes* joins David as he interviews the greatest entertainers of the 20th and 21st centuries.

Paul McCartney's working class roots, the story of George Harrison's first guitar, John Lennon's love of Hamburg, and Ringo Starr's big break (as well as Pete Best's not-so-big break). This is the story of the world's greatest band, told to the world's greatest interviewer.

A Paradine and Chalk & Blade production for BBC Radio 4.

MON 12:00 News Summary (m001cdqy)
The latest national and international news from BBC Radio 4.

MON 12:04 You and Yours (m001cdr0)
Universal Credit; Lost Telegram; Clean Air Zone

The Government's announced changes to Universal Credit which mean part-time workers will have it reduced if they fail to take "active steps" to work more. At the moment, this rule applies to people earning less than the equivalent of nine hours a week on the National Living Wage - but that threshold is changing to 15 hours. We speak to those affected.

Clean Air Zones are being introduced in some cities across the

UK with the aim of reducing pollution and improving the health of residents. From today Bradford becomes the latest, where one in five children have breathing problems. Some taxi drivers in the city say it'll cost too much to upgrade their cars to ones that will comply with new emissions standards. We hear both sides of the story.

And can you help our listener who's lost his telegram from the Queen marking his 100th birthday?

PRESENTER: Winifred Robinson
PRODUCER: Simon Hoban

MON 12:57 Weather (m001cdr2)
The latest weather forecast

MON 13:00 World at One (m001cdr4)
Forty-five minutes of news, analysis and comment, with Sarah Montague.

MON 13:45 The Scramble for Rare Earths (m001cdr6)
1. The Magnificent Seventeen

Misha Glenn explores the world of rare earth metals and other critical raw materials. They are vital for the future of technology and the green transition. But some see China's monopoly on production as a major global threat.

In the first of five episodes, Misha finds out what the 17 rare earth metals are and hears about their weird and wonderful applications. He also discovers how China has managed to dominate the mining and refining of them.

Guests:

Dr Julie Klinger, Assistant Professor in the Department of Geography and Spatial Sciences at the University of Delaware and author of *Rare Earth Frontiers: From Terrestrial Soils to Lunar Landscapes*
Sophia Kalantzakos, Global Distinguished Professor in Environmental Studies and Public Policy at New York University and the author of *China and the Geopolitics of Rare Earths*

Producer: Ben Carter
Editor: Hugh Levinson
Sound engineer: James Beard
Production coordinator: Janet Staples

MON 14:00 The Archers (m001cdr9)
[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 This Cultural Life (m001cdp6)
[Repeat of broadcast at 19:15 on Saturday]

MON 15:00 Brain of Britain (m001cdrc)
Heat 9, 2022

Russell Davies puts the questions to four contenders for the title *Brain of Britain 2022*, in the ninth heat of this year's tournament which comes from *MediaCityUK* in Salford. Will they be able to work out what connects Kermit the Frog, Red Rum and a Canberra jet bomber? Will they remember at which London hotel Oscar Wilde was arrested, or know the more familiar name of the painting sometimes called *La Gioconda*?

A place in the 2022 semi-finals awaits the winner today.

Taking part are:
Carol Bates from Nottingham
Carolyn Evans from Worcestershire
Gill Taylor from West Yorkshire
Scott Torrance from Dumfries.

There's also a chance for a listener to Beat the Brains with questions he or she has suggested.

Assistant Producer: Stephen Garner
Producer: Paul Bajoria

MON 15:30 The Food Programme (m001cdrf)
[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 Sounding The Cape (m000cz10)
A joyful, beautiful, pain filled sound journey through South Africa - from a politically charged soundscape of the murder of striking miners, to the music of a living legend, Madosini, a Xhosa musician.

Singer and musician Nathaniel Mann, recent recipient of a Paul Hamlyn award for composition, travels to the Cape to find an

irresistible blend of artists working with sound and music - reflecting both the joys and the pain of this conflicted and deeply unequal society.

Haronn Gunn-Sallie was born in prison - his parents under arrest for their part in the armed struggle against apartheid. Believing he was destined to be 'an activist', he has channelled his activism into art, finding a surprising home in the mainstream fine art world - including London Frieze. *Marikana* is one of his most powerful works - an installation marking the anniversary of a massacre of striking miners in 2012. The audience enter a sealed black box, and experience a collage of sounds which take you from the mine shaft through a vivid soundscape of newsreel, loudhailers, demonstrations and bullets to the massacre. Moments later the sound gives way to a beautiful rendition of 'Senzenina' - a song asking 'What have We Done?', reflecting the struggles South Africa has yet to overcome as a fledgling democracy.

Madosini, a traditional Xhosa musician, is the first person to be recorded for the WOMAD Festival's Musical Elders Archive project, yet her fame remains limited within the world-music sphere, and the instruments she plays are in danger of being lost. "There is no-one playing this instrument now except for me and my friend. I want the instrument to live, not to die with me." Revered for her skills on two unique instruments, the *uhadi* (bow with calabash) and the *umrumbhe* (mouth bow), Madosini is also instrument maker, using specific wood she finds lying in the bush near her home. Nathaniel gets a lesson in playing the *umrumbhe* with mixed results...

Jenna Burchell was driving across the great Karoo - the desert also known as *The Cradle of Mankind* - when she noticed a white line running along the hillside next to the dusty road. It was a strata left behind after an 'extinction event', millennia ago, and so she began exploring the line - walking and gathering beautiful shattered rocks from the site. Using the Japanese technique of *Kintsukuroi*, repairing broken pottery with gold lacquer, she turned these ancient rocks into 'Songsmiths' working with recorded sound, to make the rocks sing of the land where they have existed for millennia triggered in each sculpture by the touch of a human hand. These 'Songsmiths' are both a visual and an aural treat - magically singing, as hands clutch stroke or just hover above the surface of each rock.

We also get the chance to listen in on a work in progress created by the artist *Sikhumbuzo Makandula*, who is fascinated by the sonic web bells cast over the South African landscape. His work explores the way that slave bells became church bells became school bells - in a sonically overwhelming show, asking the audience to join in with ringing a whole host of bells...

A sideways looks at an extraordinary sonic landscape.

Producer: Sara Jane Hall

MON 16:30 Beyond Belief (m001cdrh)
Changing Faiths

Freedom of religion and belief is a protected human right and that includes the freedom to leave a religion.

But what happens when someone converts from one religion to another? Pressures from family or faith communities can have a huge impact on new converts, making their choice all the more difficult and, in some cases, dangerous.

Ernie Rea is joined by a panel of three converts who've made that life changing decision. They share why they made that choice and the impact it had on their lives and relationships. *AbdulMaalik Tailor* converted to Islam from Hinduism, *Dr Adeola Obadina* converted to Christianity from Islam and *Akhandadhi Das* had a Christian upbringing but is now a *Vaishnava Hindu* theologian.

Producer: Katharine Longworth
Assistant Producers: Peter Everett and Josie Le Vay
Editor: Dan Tierney

MON 17:00 PM (m001cdrk)
Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines

MON 18:00 Six O'Clock News (m001cdrm)
The Governor of the Bank of England has said it will not hesitate to raise interest rates by however much is needed to keep inflation in check.

MON 18:30 Mark Steel's in Town (m001cdrp)
Series 12

Paris

Mark Steel's In Town - Paris

Mark Steel is back with the 12th series of his award winning show that travels around the country visiting towns that have nothing in common but their uniqueness. After thoroughly researching each town, Mark writes and performs a bespoke evening of comedy for a local audience.

In this final episode Mark visits Paris. Yeah, that Paris. The one in France. Where he performs on a boat on the river Seine.

In this series, Mark also popped to the Nottingham, Tring, The Isles of Scilly, Salisbury, and Newport. And for the first time, there will be extended versions of each episode available on BBC sounds.

Written and performed by Mark Steel

Additional material by Pete Sinclair
Production co-ordinator Sarah Sharpe
Production co-ordinator Katie Baum
Sound Manager Jerry Peal
Producer Carl Cooper
Producer Richard Morris

With special thanks to Mark's French teacher Fatima Belauoui

A BBC Studios production for BBC Radio 4

MON 19:00 The Archers (m001cdrr)

Eddie updates George on the growing Grundy Borssetshire Bronze turkeys, including his tried and tested sales patter, as they watch the comical poults' antics. George is impressed with the money they'll make, and later he asks his Grandpa for a loan of £75 for a 'business opportunity'. He wants to buy fifteen more turkey poults to supplement their stock. Eddie thinks the price is suspiciously good, but George entreats his Grandpa to trust him. Later when George tells him the deal's done, Eddie reckons he's done good. George talks Eddie into promising a ten percent cut of the profits, and Eddie laughs he's been well and truly fleeced. George wants to start a social media campaign featuring video of the poults - everyone loves pictures of animals doing daft things.

Ruth worries Ben's ill, and Josh covers for him, advising her not to fuss. Ben's horrified to learn Vince is coming over to talk to him. After Vince has discussed putting extra solar panels on one of the barns he raises the topic of Beth's birthday present: how would Ben feel about a holiday in New Zealand? Beth's always wanted to go, and there's no-one she'd rather go with than Ben. Ruth waxes lyrical, and can't understand Ben's lack of enthusiasm. Ben tries to tell Vince he's too busy to go, but Vince announces the trip will be in the Christmas holidays. Josh reassures Ben. Depending on Chelsea's decision, he might not even need to tell Beth about the baby. But Ben insists he has to, whatever happens.

MON 19:15 Front Row (m001cdrt)

Michael Winterbottom, Welsh arts project GALWAD, Hilary Mantel remembered

Michael Winterbottom discusses writing and directing a SKY TV drama, *This England*, starring Kenneth Branagh as Boris Johnson during his tumultuous first months as Prime Minister and the first wave of the COVID pandemic.

GALWAD, an ambitious, multiplatform arts project set in Wales, imagines what it would be like if we could receive messages from people living in 2052. Audiences can follow the story as it unfolds across the week, both online and on social media, and watch a broadcast of the whole event on Sky Arts. The lead producer Claire Doherty and lead writer Owen Sheers, explain why they wanted to push the boundaries of storytelling.

The literary critic John Mullan and the novelist Katherine Rundell discuss the life and work of Hilary Mantel.

MON 20:00 The Other Black Door (m001c65m)

Jack Fenwick explores how the think tanks and pressure groups behind the black door of an anonymous building in Westminster have shaped the last decade of British politics - and asks how they might shape the next few years.

For this programme Jack has spoken to more than 50 current and former government insiders about how the organisations based at 55 Tufton Street have influenced British public life. He reveals how organisations including the Taxpayers Alliance, Brexit Central and the Global Warming Policy Foundation helped set the narrative on issues such as austerity, Brexit and climate change. He tracks how some of their ideas become government policy, explores the issue of whether the rules governing these organisations need to change and, with a new Prime Minister in Number 10, he asks how the ideas developed behind one black door might influence policy behind the most famous black door in Britain.

Producer and presenter: Jack Fenwick
Assistant producer: Maddy Trimmer.

MON 20:30 Crossing Continents (m001c6t9)

A 'Me Too' Moment for Israel's Ultra-Orthodox Jews?

Israel's ultra-Orthodox Jewish community is struggling to come to terms with high-profile sex abuse scandals. In the past year, two of its leading lights were accused of taking advantage of their status to sexually assault vulnerable women, men, and children. What has added to the shock is how, after one of the alleged attackers committed suicide, religious leaders in this insular, devout community defended him and even blamed his victims for causing his death by speaking out. The response sparked anger and triggered an unprecedented wave of activism to raise awareness of hidden sex abuse within the ultra-Orthodox world. Some are describing it as a 'me-too' moment. The BBC's Middle East Correspondent, Yolande Knell hears from survivors of sexual assault and the campaigners within the ultra-Orthodox community working towards lasting change.

Presenter: Yolande Knell

Producers: Gabrielle Weiniger and Phoebe Keane

Editor: Penny Murphy

Photo: A child sex abuse survivor prays at the grave of his alleged abuser.

MON 21:00 Music Made in the Middle (m001945f)

Part 1

Singer Jamelia, who was born and grew up in the Handsworth district of Birmingham, explores music made in the West Midlands - asking if it has a distinct identity.

People from the city and the conurbation have made a huge contribution to music all over the world, but Birmingham rarely seems to get the recognition given to other cities like Liverpool, Manchester, Sheffield or London.

In this two-part series, Jamelia looks at the unique and eclectic musical identity of explores the city and the wider West Midlands, and discovers that its reputation for championing the individual or the underdog may lie in the area's rich history.

She hears from experts about Birmingham's musical contribution as far back as the Midlands Enlightenment in the 18th Century as well as the work of composers like Edward Elgar in the late 19th and 20th Century. She also talks to musicians from different genres, hears how they cut their teeth in the pubs and clubs of the West Midlands and explores whether there is a collective Birmingham sound - or at least a special Birmingham approach to music.

Birmingham's musical heritage includes heavy metal and Bhangra, and it's an area where all genres thrive. In the 1950s and 60s, the so-called Brum Beat emerged with the NME saying it included over 500 local bands.

Is Birmingham Britain's original diverse city when it comes to music and culture more generally? That's one of the questions Jamelia will look to answer as she hears from West Midlands experts and stars including ELO drummer Bev Bevan, Reggae singer Pato Banton, Duran Duran original Stephen Duffy and Apache Indian.

Jamelia has a few surprises along the way as she comes face to face with real Birmingham music heritage at a studio where the soundtrack to the legendary Thunderbirds TV series was produced. Grosvenor Road Studios has played host to just about everyone who is anyone in Midlands music since 1945.

A Made In Manchester production for BBC Radio 4

MON 21:30 Start the Week (m001cdqs)

[Repeat of broadcast at 09:00 today]

MON 22:00 The World Tonight (m001cdrz)

Pound hits record low against the dollar

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

MON 22:45 Stone Blind by Natalie Haynes (m001cds1)

Episode Six

Medusa is the only mortal in a family of gods and monsters. She leads a happy and sheltered life with her Gorgon sisters, who treasure her. On a visit to Athene's new temple, she is raped by Poseidon and her life changes forever. Athene is furious, and rather than punishing Poseidon for the crime, she curses Medusa. Her hair is replaced with a writhing mass of snakes and her gaze turns anyone she looks at to stone. And then Perseus comes on a quest in search of a Gorgon's head.

Susannah Fielding reads the new novel by Natalie Haynes – the Women's Prize-shortlisted author of A Thousand Ships and presenter of Radio 4's Natalie Haynes Stands Up for the

Classics.

Produced by Mary Ward-Lowery for BBC Audio
Editing and sound design by Mair Bosworth
Studio engineering and mix by Michael Harrison

MON 23:00 Techno: A Social History (m00199y6)

Detroit

In the early 60s, Detroit was known for two things - automobiles and Motown records. They were the dual-foundation of a progressive, cosmopolitan city, with a thriving black middle class. But after the Civil Rights riots of 1967, the cosmopolitan dream of Motor City curdled. The car jobs disappeared, and so did Motown. The once prosperous city became a post-industrial ghost town, setting the stage for a radical new culture.

DJ, producer, and Detroit native Ash Lauryn traces the birth of Techno, a sparse, futuristic music that reimagined the wasteland of Motor City as a futuristic utopia, and reinvigorated the young generation who had been abandoned there.

Part one of Techno: A Social History features stories from the genre's first architects, elevators, and disciples - Juan Atkins, Kevin Saunderson, DJ Minx, and Richie Hawtin. They had no idea that this new sound of Detroit could thrive elsewhere - but soon enough, their strange music was being packaged up, exported, and applied to disparate contexts the world over.

Produced by Frank Palmer
Sound Design by Granny Eats Wolf
A Cup & Nuzzle production for BBC Radio 4

MON 23:30 Paul Sinha's General Knowledge (m0001lxh)

Series 2

Episode 1

Paul Sinha is an award-winning comedian, the reigning British Quiz Champion and also, according to the Radio Times, the UK's "funniest fund of forgotten facts". He returns to Radio 4 with a second series of his General Knowledge, recounting the amazing true stories that lie behind fascinating nuggets of information.

This episode is focused on writers, from the famous writer who also played for Portsmouth FC, to the writer who refused to referee a racist boxing match, and the playwright who made Robson and Jerome stars.

The programme was recorded virtually, with an audience of 200 people watching him from the comfort of their own home.

Written and performed by Paul Sinha
Recording engineered by Lee Chaundy and Marc Willcox
Produced by Ed Morrish

A Somethin' Else production for BBC Radio 4

TUESDAY 27 SEPTEMBER 2022**TUE 00:00 Midnight News (m001cds3)**

The latest news and weather forecast from BBC Radio 4.

TUE 00:30 The Captain's Apprentice by Caroline Davison (m001bktp)

[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (m001cds5)

The latest weather reports and forecasts for UK shipping.

TUE 01:00 Selection of BBC World Service Programmes (m001cds7)

BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

TUE 05:20 Shipping Forecast (m001cds9)

The latest weather reports and forecasts for UK shipping.

TUE 05:30 News Briefing (m001cdsc)

The latest news from BBC Radio 4

TUE 05:43 Prayer for the Day (m001cdsf)

Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

TUE 05:45 Farming Today (m001cdsh)

27/09/22 - Defra announce a 'rapid review' to farm policy, new Welsh Agriculture Bill, berry wine in Scotland

Is the government going to ditch paying farmers to meet environmental goals and give them money per hectare instead? We hear from the academic who thought up the 'public money for public goods' policy. And the Welsh government launches its new Agriculture Bill.

Presented by Anna Hill and produced by Beatrice Fenton.

TUE 05:58 Tweet of the Day (b090y26c)

Tim Birkhead on the Raven

British zoologist Professor Tim Birkhead talks about the intelligence of egg stealing ravens while he is working on guillemot research on Skomer for Tweet of the Day.

Producer Tom Bonnett.

TUE 06:00 Today (m001cdsk)

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

TUE 09:00 The Life Scientific (m001cdsm)

Can computers discover new medicines?

Daphne Koller was a precociously clever child. She completed her first degree – a double major in mathematics and computer science – when she was just 17 and went on to become a distinguished Professor at Stanford University in California. But before long she'd given up this comfortable academic position to create the biggest online education platform in the world. In 2018, she founded the drug discovery company Insitro hoping to create a space where data scientists and molecular biologists could work together as equals.

Daphne tells Jim Al-Khalili how a single question from her supervisor nudged her to use her considerable mathematical ability to do something useful and why she believes the time is right for artificial intelligence to discover new medicines.

Producer: Anna Buckley

TUE 09:30 One to One (m001cdsp)

The Dread of Deadlines: James Marriott and Geoff Dyer

James Marriott is a columnist for The Times - that means at least one big weekly deadline. He'd like to write a novel too - in fact that's all he's ever wanted - but every time he sits down to write it, he somehow finds himself doing something else instead.

Trying to overcome his procrastination problem, James speaks to novelist Geoff Dyer, who somehow wrote a whole book, "Out of Sheer Rage", about struggling to write a book. Can Geoff help James get on with his work? Or at least find some value in procrastination itself?

Producer: Beth Sagar-Fenton

Editor: Chris Ledgard

TUE 09:45 The Captain's Apprentice by Caroline Davison (m001bkz)

Folk Song and Composition

The story of Ralph Vaughan Williams & English folk music continues. In 1905, a song collecting trip to King's Lynn inspires Vaughan Williams to compose Norfolk Rhapsodies Nos 1, 2 & 3. Poppy Miller reads.

Following in the footsteps of Ralph Vaughan Williams, Caroline Davison explores the influence of folk song and the Fens on the composer, in the 150th anniversary of his birth. The reader is Poppy Miller.

Ralph Vaughan Williams was a keen collector of folk songs, and committed to saving these indigenous tunes before they could be forgotten. In 1905 he was in King's Lynn where James 'Duggie' Carter sang 'The Captain's Apprentice'. The tune was beautiful and the melody, harmony and feeling went on to shape Vaughan Williams' future composition. Yet, in stark contrast, the lyrics of this song told a tale of brutal torture at sea. Alongside the story of Ralph Vaughan Williams' passion for folk song and the Fens, Caroline Davison delves into the plight of cabin boys on the high seas who were at the mercy of unscrupulous sea captains. Folk songs are not the only the theme examined in this account, we also discover how the landscape of the Fens inspired Vaughan Williams work, and there are glimpses into the composer's personal life, and the times in which he lived.

Caroline Davison has published a novel and a children's book, and was a conservationist in the heritage sector for thirty years. She also performs music and is a singer.

Abridged by Katrin Williams
Produced by Elizabeth Allard

TUE 10:00 Woman's Hour (m001cdsr)

Author Kamila Shamsie. People smugglers. Family WhatsApp Group.

In her new novel "Best Of Friends" the award winning writer Kamila Shamsie explores the personal and political in Karachi in 1988 and London now. Fourteen year old Maryam and Zahra have been friends for 40 years but can they ever really know each other?

Tonight's File on 4 will highlight the shortcomings of the Police and the National Referral Mechanism – the government pathway set up to provide financial, emotional and legal support as well as access to safe accommodation to victims of trafficking – and reveal how British survivors are being let down by the system. Emma talks to reporter Annabel Deas and we hear from a woman we're calling "Isobel" who is currently at risk of trafficking and lives in fear of her life. She was last trafficked earlier this year when she was gang raped and badly beaten by a gang who have abused her for over a decade. Her abuse began when she was 13 years old.

Presenter Emma Barnett
Producer Beverley Purcell

Photo credit: Alex von Tunzelman

TUE 11:00 Wild Inside (m001cdst)

The Cheetah

Zoologist Ben Garrod and veterinary surgeon Jess French armed with their dissection tools, return with a new series taking on natural history from the inside out as they delve deep into some amazing internal anatomy to unravel the secrets to survival of some of nature's iconic animals.

It's a rare opportunity to examine some amazing and very different wild animals – on land, in the air and deep in the oceans - unravelling their intricate internal complexity. Whilst we can gain a lot by observing their behaviour from the outside, to truly understand these animals, we need to look at what's on the inside, too. What makes the ultimate predator? What are the keys to successful survival in an ever-changing environment?

Evolutionary biologist Professor Ben Garrod from the University of East Anglia, together with friend and expert veterinary surgeon Dr Jess French open up and investigate what makes each of these animals unique, in terms of their extraordinary anatomy, behaviour and their evolutionary history. Along the way they reveal some unique adaptations which give each species a leg (or claw) up in surviving in the big wild world.

The series begins with one of the rarities of the cat family – the cheetah, which at just under 2 metres long, is the world's fastest land animal capable of reaching speeds of up to 70mph in 3 seconds. As Ben and Jess reveal, the body's rear muscles, large heart and nostrils enable it to achieve record breaking accelerations. But over long distances, it risks total exhaustion and predation from larger carnivores and the risk of losing its valuable prey. We hear during the course of this intricate dissection, how it treads a fine line between speed and stamina in the quest for survival.

Producer Adrian Washbourne

TUE 11:30 Icon (m001cdsw)

Episode 3: Reach for the Stars

Elizabeth Taylor made her stage debut, in front of the Royal Family, at the age of three, then first appeared on screen aged nine. She became a child star within the studio system, an experience which generations of actors have found challenging.

Celebrity collaborator (ghost writer) Hilary Liftin, perhaps best known for Miley Cyrus' Miles To Go, psychologist Dr Linda Papadopoulos, who worked on the inaugural series of Big Brother, and Nikki Everson, an agent who also helps prepare young actors at Rose Bruford Drama School for the realities of the profession, reflect on the nature of child stardom and growing up in the spotlight.

With Louise Gallagher and archive of Dame Elizabeth from England's Other Elizabeth (1515 Productions, 2000).

Produced by Alan Hall with music by Jeremy Warnsley.
A Falling Tree production for BBC Radio 4

TUE 12:00 News Summary (m001cdsy)

The latest national and international news from BBC Radio 4.

TUE 12:04 You and Yours (m001cdt0)

Call You and Yours: How good a service is the NHS at the moment?

Call You and Yours: How good a service is the NHS at the moment?

Nearly one in eight people are waiting for hospital appointments in England.

It's a record number 6.8 million - there were 4.2 million people waiting before the pandemic. It's a similar story in Wales, Scotland and Northern Ireland.

The record backlog began during the Covid pandemic, but since then the NHS has struggled to reduce it.

Are you waiting for tests or surgery? Do you work in the NHS? Tell us what it's like right now.

How good a service is the NHS at the moment? Email us at youandyours@bbc.co.uk

At 11am our phone lines open, the number is 03700 100 444

PRESENTER: WINIFRED ROBINSON

PRODUCER: LINDA WALKER

TUE 12:57 Weather (m001cdt2)

The latest weather forecast

TUE 13:00 World at One (m001cdt4)

Forty-five minutes of news, analysis and comment, with Sarah Montague.

TUE 13:45 The Scramble for Rare Earths (m001cdt6)

2. The Hidden Paradox

Misha Glenny explores the world of rare earth metals. Reducing CO2 emissions requires critical raw materials like lithium, cobalt and nickel but mining and processing them can pose a serious threat to the environment. Can we solve the paradox?

Guests:

Dr Julie Klinger, Assistant Professor in the Department of Geography and Spatial Sciences at the University of Delaware and author of Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes
Teresa Ponce De Leao, chief executive of the Portuguese National Laboratory of Energy and Geology
Henry Sanderson, author of Volt Rush
Guillaume Pitron author of Rare Metals War

Producer: Ben Carter
Editor: Hugh Levinson
Sound engineer: James Beard
Production coordinator: Janet Staples

Correction: this episode incorrectly states that lithium is lighter than air. Lithium has a lower atomic mass than oxygen or nitrogen.

TUE 14:00 The Archers (m001cdrr)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama (m000fvz9)

Two Households

The Cassidys and the Sallises have always lived on adjoining farms in the Northern Irish countryside, near the border in South Down. During the Troubles the families were on different sides – Despite being neighbours, they were bitter enemies who rarely spoke, except to clash over politics and the boundaries of their farms. But after years of peace, and when Sean's daughter Niamh and Ian's son Michael fell in love, they put their differences behind them and even became friends. Both are now widowers as well, with Sean's wife Mairead apparently killing herself in 1998, and Ian's wife Kate dying of cancer several years ago.

On the night before the wedding, it's also almost the Twelfth of July, a time when many people in Northern Ireland go on holiday to escape the inevitable violence that still flares up each year. With both families assembled at home, the two fathers have a few drinks and discuss their secret plan to give the newlyweds a plot of land carved out between the two farms, which they can build a house on. It's a symbol that they've made peace, and are tearing down the fences that divide them. But that's the thing about peace: it can be shattered so easily.

That night, the initial ground-breaking uncovers something shocking – the body of Sean's wife Mairead, thought to have drowned herself at the nearby beach twenty years before,

leaving him to bring up three children. Her body was never located, but having found a note and her clothes on the beach, the police and her family assumed it was suicide. Instead, Mairead has been shot in the head, paramilitary-style, and buried. This was a murder.

The revelation of Mairead's murder throws the families into turmoil, destroying the peace they've arrived at. The past is unravelled in this compelling thriller by crime novelist Claire McGowan.

Sean Dermot Crowley
Ian Paul Hickey
Niamh Amy Molloy
Michael Fra Fee
Writer Claire McGowan
Producer Celia de Wolff

TUE 15:00 Short Cuts (m001cdt8)

Series 32

Competition

A bike race in memory of a Hastings fisherman, the football match that will never happen again, and the highs and lows of a dance competition through the eyes of a child. Josie Long presents short documentaries and audio adventures on the journey to first place.

The Cha-cha Champion
Featuring Emily, Marlene and Tomasz
Produced by Sam Stone

When Goss was God
Written and read by Juliet Jacques

The Ascent
Featuring Gary Reid and Paul Joy
Produced by Jodie Taylor and Will Davies

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

TUE 15:30 Costing the Earth (m001cdtb)

The True Cost of Energy

In the UK, more than half our electricity is generated without using fossil fuels. Despite that, the rocketing price of gas has led to matching increases in our electricity bills. Why the disconnect? What could we be doing differently so that consumers benefit from cheap renewable power? And what will the current crisis mean for our long term aims of reducing our use of fossil fuels?

In this programme, Tom Heap asks an expert panel how our energy market can be reshaped to produce smaller bills in a low carbon future.

He's joined by:
Glenn Rickson - Head of European Power Analysts with S&P Global Commodity Insights
Emma Pinchbeck - CEO of Energy UK, the trade body for the British energy industry
Michael Grubb - Professor of Energy and Climate Change at UCL

Producer: Heather Simons

TUE 16:00 The Listening Project (m001cdtd)

The Final Edition

Fi Glover presents the last ever edition of The Listening Project.

This week: Eric and Neil share their thoughts on our power as individuals in a political crisis; Veronica, 81, and Eve, 18, compare experiences of being young, single and pregnant; retired head gardener Tommy from Cornwall shares his enthusiasm with two 10-year-old urban gardeners from Liverpool; and Jonnie Robinson, Lead Curator of The Listening Project archive at The British Library, reminds us of its ongoing value.

The Listening Project is a Radio 4 initiative that offers a snapshot of contemporary Britain in which people across the UK volunteer to have a conversation. The conversations are being gathered across the UK by teams of producers from local and national radio stations who facilitate each encounter. Every conversation lasts up to an hour and is then edited to extract the key moments of connection between the participants. Most of the unedited conversations are being archived by the British Library and used to build up a collection of voices capturing a unique portrait of the UK in this decade of the millennium. You can learn more about The Listening Project by visiting bbc.co.uk/listeningproject

Producer: Mohini Patel

TUE 16:30 Great Lives (m001cdtg)

Bonnie Greer on the Women of the Morant Bay Rebellion

Bonnie Greer OBE, playwright and critic, joins Matthew Parris to make a case for seven women from Jamaica who were hung or shot in 1865 after the Morant Bay Rebellion.

Bonnie makes a case that this peasants' uprising was a pivotal event not only in Jamaican history, but in the history of the entire Caribbean region; Britain and the world.

In Victorian England, the uproar following it included prominent names like Charles Dickens and Charles Darwin, who were on opposite sides of the debate.

Bonnie wants to rectify the fact that the seven women who were killed in the aftermath have been largely forgotten, whilst their leaders - Paul Bogle and George William Gordon - are National Heroes of Jamaica.

Joining Matthew and Bonnie is expert witness is Gad Heuman, Emeritus Professor at the University of Warwick and author of *Killing Time: Morant Bay Rebellion Jamaica and The Caribbean: A Brief History*.

Producer: Eliza Lomas for BBC Audio, Bristol.

TUE 17:00 PM (m001cdtj)

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

TUE 18:00 Six O'Clock News (m001cdtl)

The Labour leader has given a major speech at his party's conference in Liverpool.

TUE 18:30 Stand-Up Specials (m000s85m)

Rachel Parris: Austensibly Feminist

Comedian Rachel Parris, a Jane Austen fan and geek, assesses one of our greatest writer's feminist credentials.

Although Jane Austen wrote about a particular class of women at a particular period in our history, the portraits she drew have resonated with millions of subsequent readers. But rarely is she considered from a feminist perspective.

In this stand-up comedy show recorded in front of a live, virtual audience, Rachel Parris asks us to re-appraise Jane Austen's work and see it in a new light. Albeit a little irreverently.

Do Austen's books pass the Bechdel test? What do her sisters tell us about the sisterhood? What have her women got in common with women today and what can we learn from what Jane Austen had to say about marriage, men and money?

A Whistledown production for BBC Radio 4

TUE 19:00 The Archers (m001cdtn)

Lilian's keen to show Alan the Bridge Farm family's ideas for a dedicated window in St Stephen's. Alan tries to explain that any decision would involve a complicated process, and that church window designs these days tend to focus on broader Christian thinking rather than individual or family dedications. Lilian mentions it would be based on a psalm. Alan goes on to point out the sustainability issues around replacing a good window. Later Alan confides to Usha he feels it's a vanity project. Usha agrees it's probably not appropriate. How's Alan going to tell Peggy?

Lilian walks in on Jolene rifling through Kenton's old diary. Between them they try to find out what happened next in the story of Kenton and Janet Adkin. They discover he gave Janet an ultimatum and she ditched him. Jolene's about to reveal the identity of the girl Kenton used to make Janet jealous, when he rumbles them.

Beth's pleased to be home from Magaluf. She's missed Ben. Ben covers his lack of enthusiasm for Vince's holiday offer by claiming his own gift of Jill's pendant can't compete. Beth insists the pendant means much more to her than her dad's extravagant present. She thinks he's being weird. Ben confesses the truth behind his mood. When Beth hears he slept with someone and she's pregnant, she runs for the bathroom. She wonders when he was going to tell her, and wants to know who the girl is. When Ben says it's Chelsea, and tries to explain, Beth doesn't want to know and leaves.

TUE 19:15 Front Row (m001cdtg)

Anthony Roth Costanzo, *Unboxed's* See Monster, and the cost of living crisis

Luke Jones meets the countertenor Anthony Roth Costanzo, whose show *Only An Octave Apart* is about to begin a month long run at Wilton's Music Hall in London. He discusses how he

discovered his range, why he fuses opera with pop and his return to the ENO next year in Philip Glass's *Akhmaten*.

Luke takes a tour round See Monster in Weston-super-Mare, a retired North Sea rig that's been turned into one of the UK's largest art installations as part of the *Unboxed* festival.

And a discussion on the impact of the cost of living crisis on theatre and live music. Jamie Njoku-Goodwin speaks from the Labour Party Conference and Mark Davyd from the Music Venue Trust. Eleanor Lloyd from (SOLT) The Society of London Theatres/UK Theatre.

TUE 20:00 File on 4 (m001cdts)

Isobel's Story

There are concerns that British victims of trafficking are less likely than foreign nationals to receive Home Office support to escape exploitation.

More and more British victims of organised sexual abuse are being referred to the National Referral Mechanism (NRM) – the government's support pathway for victims of trafficking – following high profile sexual exploitation cases in Rochdale, Rotherham and Telford.

But charities are warning that British victims are less likely to be given access to safehouses, legal aid and counselling.

File on 4 hears the story of a young woman who has been raped hundreds of times since she was schoolgirl - and is still being abused despite going to the police and the Home Office for help. 'Isobel' says she has been consistently let down by the police and the Home Office who have failed to give her the support she needs to escape her abusers - causing her to be re-trafficked in recent weeks.

The Human Trafficking Foundation says victims like Isobel are being failed by the NRM and that it was designed for foreign victims of trafficking seeking asylum and has not adapted to cater for the growing number of British victims.

Producer: Hayley Mortimer

Reporter: Annabel Deas

Editor: Carl Johnston

TUE 20:40 In Touch (m001cdtv)

Pig Skin Corneas; My Sound Cinema; The Visual Dimension Project

Dr Peter Hampson is the Clinical Director of the Association of Optometrists and we invited him onto the program after hearing about a rather unusual cornea replacement method to come out of Sweden; scientists there have developed replacement human corneas out of pig skins. We ask Dr Hampson whether this could become a viable solution to tackling the UK's cornea shortage.

An Edinburgh based accessible technology company called Screen Language are soon to release a new streaming platform, strictly for audio described movies. It will launch on September 30th called My Sound Cinema. It aims to be a one stop shop for audio described films of a variety of genre. Elena Zini is Screen Language's founder and she gives us the details about their new platform. Kim Milward is visually impaired and a major film fan, we invited her to tell us and Elena whether My Sound Cinema is something that she would consider using.

And we sent producer Beth Hemmings to Leeds to listen in on a music performance by a group of visually impaired people who had been working with percussionist Mendi Mohinder Singh. The music was performed on some rather unorthodox instruments...

Presenter: Peter White

Producer: Beth Hemmings

Production Coordinator: Paul Holloway

Website image description: Peter White sits smiling in the centre of the image. He is wearing a dark green jumper with the collar of a check shirt peeking at the top. Above Peter's head is the BBC logo, across Peter's chest reads "In Touch" and beneath that is the Radio 4 logo. The background is a series of squares that are different shades of blue.

TUE 21:00 Inside Health (m001cdtx)

A spoonful of sweetener

What do sweeteners do to our bodies? We force feed James cups of sweetened tea and find out with nutrition scientist Dr Sarah Berry from King's College London. We then tackle something stronger - alcohol. Can a new supplement reduce the amount of alcohol getting into the body? And Rohin Francis gets frustrated at the shonky claims being made by health podcasts (not this one, of course, you're totally in the right place).

Presenter: James Gallagher

Producer: Beth Eastwood

TUE 21:30 The Life Scientific (m001cdsm)

[Repeat of broadcast at 09:00 today]

TUE 22:00 The World Tonight (m001cdtz)

Starmer speech at Labour conference

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

TUE 22:45 Stone Blind by Natalie Haynes (m001cdv1)

Episode Seven

Medusa is the only mortal in a family of gods and monsters. She leads a happy and sheltered life with her Gorgon sisters, who treasure her. On a visit to Athene's new temple, she is raped by Poseidon and her life changes forever. Athene is furious, and rather than punishing Poseidon for the crime, she curses Medusa. Her hair is replaced with a writhing mass of snakes and her gaze turns anyone she looks at to stone. The power cannot be controlled: Medusa can look at nothing without destroying it. She is condemned to a life of shadows and darkness. And then Perseus comes on a quest in search of a Gorgon's head.

Susannah Fielding reads the new novel by Natalie Haynes – the Women's Prize-shortlisted author of *A Thousand Ships* and presenter of Radio 4's *Natalie Haynes Stands Up for the Classics*.

Produced by Mary Ward-Lowery for BBC Audio
Abridged by Sara Davies
Editing and sound design by Mair Bosworth
Studio engineering and mix by Michael Harrison

TUE 23:00 Fortunately... with Fi and Jane (m001cdv3)

247. Three Paying Punters, with Trevor Nelson

The Fortunately podcast this week welcomes legendary broadcaster and DJ Trevor Nelson. Trevor currently can be heard on BBC Radio 2 Mon -Thurs **10pm 12am** and 1Xtra Sundays **11am**. Trevor talks to Fi and Jane about getting established on the DJ circuit, his time on pirate radio and the trials of covering Pop Master. Before Trevor logs on there's undiscovered security tags, mind-changing staircases and ghostly Prime Ministers.

Get in touch: fortunately.podcast@bbc.co.uk

TUE 23:30 Paul Sinha's General Knowledge (m000ls9x)

Series 2

Episode 2

Paul Sinha is an award-winning comedian, the reigning British Quiz Champion and also, according to the Radio Times, the UK's "funniest fund of forgotten facts". He returns to Radio 4 with a second series of his *General Knowledge*, recounting the amazing true stories that lie behind fascinating nuggets of information.

This episode is focused on the world outside the UK, from relatively close countries such as France, to further afield - like Mercury! He tells the story of the most popular Brazilian who ever lived (and why he relied on those not living for his popularity), and the world's greatest Belgian. He also manages to sneak a reference to his favourite football team in to the show - see if you can spot it.

The programme was recorded virtually, with an audience of 200 people watching him from the comfort of their own home.

Written and performed by Paul Sinha
Recording engineered by Lee Chaundy & Marc Willcox
Produced by Ed Morrish

A Somethin' Else production for BBC Radio 4

WEDNESDAY 28 SEPTEMBER 2022

WED 00:00 Midnight News (m001cdv5)

The latest news and weather forecast from BBC Radio 4.

WED 00:30 The Captain's Apprentice by Caroline Davison (m001bkzl)

[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (m001cdv7)

The latest weather reports and forecasts for UK shipping.

WED 01:00 Selection of BBC World Service Programmes

(m001cdv9)

BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

WED 05:20 Shipping Forecast (m001cdvc)

The latest weather reports and forecasts for UK shipping.

WED 05:30 News Briefing (m001cdvf)

The latest news from BBC Radio 4

WED 05:43 Prayer for the Day (m001cdvh)

Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

WED 05:45 Farming Today (m001cdvk)

As DEFRA clarifies its 'rapid review' of farming policy - we discuss what farmers and environmentalists want to see, to make it all work better. NFU president Minette Batters has stressed that food production and Environmental Land Management schemes do go hand in hand. Conservation groups have reacted strongly to the what the changes might mean. We brought together Tom Allen-Stevens, Oxfordshire farmer and former Chair of the Oxford Farming Conference and Sue Pritchard Director of the Food Farming and Countryside Commission to see what they make of the debate.

British wine production has traditionally been white and sparkling - and although domestic sales have risen over the years, it's the export market which has really taken off. Hattingley Valley vineyard near Winchester has two vineyards in Hampshire and also uses grapes from other vineyards across the South of England. They export around a fifth of what they produce - which is around 200 thousand bottles every year. It's headed by a wine maker from Australia who now sells English wine to Australia among other places.

WED 05:58 Tweet of the Day (b08tcmnh)

Will Young on the Woodland Kingfisher

Singer Will Young dates his love of birds from this encounter with the woodland kingfisher.

Producer Miles Warde.

WED 06:00 Today (m001cdzf)

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

WED 09:00 More or Less (m001cdzh)

Mini-budget, TV audience for the Queen's funeral and 0.5 on the Richter scale

The value of the pound against other currencies has been incredibly volatile ever since the Chancellor's 'mini-budget'. We ask how much we should worry and look at how much taxes will really fall. Also did 4.1 billion people really watch the Queen's funeral? Gas prices are falling - so why aren't energy bills? There are early signs that new covid variants could cause another spike in cases over the winter. And with the government lifting a moratorium on fracking, we ask how seismic a number the current limit of 0.5 on the Richter scale actually is.

Presenter: Tim Harford

Series Producer: Jon Bithrey

Reporters: Charlotte McDonald, Nathan Gower

Production Coordinator: Jacqui Johnson

Sound Engineer: James Beard

WED 09:30 One Dish (p0tch90v)

Fried Plantain with Candice Brathwaite

Joining Andi Oliver this week is presenter, author and journalist Candice Brathwaite, and she's chosen a dish with a history that runs deep for her and her family - fried plantain. Candice loves plantain so much, she'd eat it for breakfast, lunch and dinner.

The plantain's roots lie on the Pacific island of New Guinea, which comes as a bit of a surprise to Andi and Candice, who have spent their lives eating plantain as part of Antiguan and Jamaican meals respectively. They discuss how plantain's story is inextricably linked to the transportation of enslaved people from Africa to the Caribbean, and also the deep connection and pleasure this food brings for them. Also, Andi reveals the specific way plantain should always be cut for maximum fried joy.

Food Scientist: Kimberley Wilson

Food Historian: Neil Buttery

Producer: Lucy Dearlove

Executive Producer: Hannah Marshall

Sound Design: Charlie Brandon-King

Assistant Producer: Bukky Fadipe

A Storyglass production for BBC Radio 4

WED 09:45 The Captain's Apprentice by Caroline Davison (m001b106)

Vaughan Williams and Fen Country

Ralph Vaughan Williams's emotional connection to The Fens found expression in his music. A student at Cambridge University where friendships were cemented, and trips were made into the surrounding landscape, and where he courted his first wife Adeline, his composition 'In the Fen Country' is linked to memories of youth, love and happiness. Read by Poppy Miller.

Following in the footsteps of Ralph Vaughan Williams, Caroline Davison explores the influence of folk song and the Fens on the composer, in the 150th anniversary of his birth. The reader is Poppy Miller.

Ralph Vaughan Williams was a keen collector of folk songs, and committed to saving these indigenous tunes before they could be forgotten. In 1905 he was in King's Lynn where James 'Duggie' Carter sang 'The Captain's Apprentice'. The tune was beautiful and the melody, harmony and feeling went on to shape Vaughan Williams' future composition. Yet, in stark contrast, the lyrics of this song told a tale of brutal torture at sea. Alongside the story of Ralph Vaughan Williams' passion for folk song and the Fens, Caroline Davison delves into the plight of cabin boys on the high seas who were at the mercy of unscrupulous sea captains. Folk songs are not the only theme examined in this account, we also discover how the landscape of the Fens inspired Vaughan Williams work, and there are glimpses into the composer's personal life, and the times in which he lived.

Caroline Davison has published a novel and a children's book, and was a conservationist in the heritage sector for thirty years. She also performs music and is a singer.

Abridged by Katrin Williams

Produced by Elizabeth Allard

WED 10:00 Woman's Hour (m001cdzl)

Women and Labour, Zarifa Ghafari, Leicester women united

Sir Keir Starmer delivered his speech to the Labour Party conference yesterday. It comes as YouGov polling shows women would be more likely than men to vote Labour if an election were held now. What's behind this? Former Tony Blair aide for over 10 years Baroness Sally Morgan joins Emma Barnett alongside Anoosh Chakelin Britain Editor at the New Statesman.

Actor Gwyneth Paltrow decided to pose naked, mostly covered in gold body powder, and then posted her photos on social media saying she had learned to accept 'the marks and the loosening skin, the wrinkles' that come with turning 50 and her decision was 'more about the female gaze and just a sense of fun'. Is there power to be gained from going naked? Emma speaks to economist and author Dr Victoria Bateman who protested against Brexit naked on TV, and walked naked into the drinks reception at the Royal Economic Society Conference.

A group of grandmothers, mothers, sisters, aunts and daughters from Leicester have called for an end to the clashes involving mainly young men from sections of the Muslim and Hindu communities. The tensions in the city, which started last month following an India and Pakistan cricket match and the spread of misinformation on social media, resulted in large-scale disorder on 17th September on the east side of the city. This has led to nearly 50 arrests, 158 crimes being recorded and nine people being charged. The arrests have included people from outside of the city. The group of South Asian women of Muslim, Hindu and Sikh faiths in Leicester issued a joint statement at the weekend saying "As strong proud Asian women, we know that when Leicester is united, it can never be defeated." Joining Emma are local Labour Councillor Rita Patel who is Hindu and Yasmin Surti, a Muslim mother of three and Secretary of the Federation of Muslim Organisations in Leicester.

Zarifa Ghafari was the youngest woman to become a mayor in Afghanistan, before having to flee the country last year after threats on her life by the Taliban, once again back in charge. Zarifa sadly knows first hand the brutality of the regime, as only weeks after another assassination attempt on her life failed in 2020, the Taliban killed her father. Her story forms the basis of a new Netflix documentary called In Her Hands and a book called Zarifa. She joins Emma from Germany, where she and her mother, fiance and six siblings now live in safety.

WED 11:00 The Other Black Door (m001c65m)

[Repeat of broadcast at 20:00 on Monday]

WED 11:30 Meet David Sedaris (m00016t)

Series 8

Instalment 1

What with the whole world grinding to a viral halt and everything, this special series of essays and diary entries is recorded at the Sussex home of the world-renowned storyteller.

In 2021, it's 25 years since David Sedaris first shared his very particular world view with the listeners to BBC Radio 4, having brought us The SantaLand Diaries back in 1996. In this eighth series of Meet David Sedaris, he continues to entertain with sardonic wit and incisive social critiques.

David Sedaris has become one of America's pre-eminent humour writers and, in 2019, was elected to the American Academy of Arts and Letters. The great skill with which he slices through cultural euphemisms and political correctness proves that he's a master of satire and one of the most observant writers addressing the human condition today.

Sedaris's first book, Barrel Fever (1994), which included The SantaLand Diaries, was a critical and commercial success, as were his follow-up efforts, Naked (1997), Holidays on Ice (1997) and Me Talk Pretty One Day (2000). He became known for his bitingly funny recollections of his youth, family life and travels, making semi-celebrities out of his parents and siblings.

David Sedaris has been nominated for three Grammy Awards for Best Spoken Word and Best Comedy Album. His latest international best-selling books include a collection of stories entitled Calypso, an edited selection of diary entries Theft By Finding, and a 'greatest hits' selection called The Best Of Me.

Producer: Steve Doherty

A Giddy Goat production for BBC Radio 4

WED 12:00 News Summary (m001cdzn)

The latest national and international news from BBC Radio 4.

WED 12:04 You and Yours (m001cdzq)

Mortgages; Energy Price Cap; John Lewis Credit Card

Mortgages are a big worry right now particularly since last week's budget announcement. Peter White talks to one concerned borrower who says he may have to sell-up if interest rates hit predicted levels next year and Sally Mitchell who is a mortgage broker at The Mortgage Mum is on hand to offer advice.

The latest rise in the Energy Price Cap comes into force on Saturday. Joo Malinowski from The Energy Shop shares his advice on what consumers need to do now.

And why some loyal John Lewis customers are falling out of love with the retailer over the retailers new credit card. Peter talks to two disgruntled customers and puts their concerns to the John Lewis financial services director, Amir Goshtai.

PRESENTER: PETER WHITE

PRODUCER: CATHERINE EARLAM

WED 12:57 Weather (m001cdzs)

The latest weather forecast

WED 13:00 World at One (m001cdzv)

Forty-five minutes of news, analysis and comment, with Sarah Montague.

WED 13:45 The Scramble for Rare Earths (m001cdzx)

3. The Super Magnets

Misha Glenn explores the world of rare earth metals. Neodymium is vital for wind turbines and electric motors but can the world become less dependent on China to supply it?

Guests:

Dr Julie Klinger, Assistant Professor in the Department of Geography and Spatial Sciences at the University of Delaware and author of Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes.

Ian Higgins, managing director of Less Common Metals.

Paul Atherley, chairman of Pensana.

Producer: Ben Carter

Editor: Hugh Levinson

Sound engineer: James Beard

Production coordinator: Janet Staples

WED 14:00 The Archers (m001cdtn)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (m000d19c)

Someone Dangerous (Part 2)

The lives of recently married Jed and Ira are thrown into turmoil when they discover the previous occupant of the house they have just bought, killed herself in the bath. When Ira finds the young woman's diary under the floor boards, she begins to suspect murder.

A taut, dark, two-part mystery thriller with Rob Jarvis and Lizzie Aaryn-Stanton, from Andy Mulligan, the writer of A Kidnapping and School Drama.

Cast:

Jed.....Rob Jarvis
Ira.....Lizzie Aaryn-Stanton
Mr Turner.....Harry Myers
D.I McCabe.....Keir Charles
Yola.....Emma Carter
Coroner.....Ewan Bailey
Henna.....Ayesha Menon
Saboni.....Lydia Daniston
Voice of Young Woman.....Jade Matthew
Sally.....Natasha North

Original Music by Jon Ouin
Sound Design by Laurence Farr
Produced by Emma Hearn
Written by Andy Mulligan
Executive Producer/Directed by John Scott Dryden

A Goldhawk production for BBC Radio 4

WED 15:00 Money Box (m001cf01)

Money Box Live: Mortgage Special

With changes to the stamp duty threshold, some of the UK's biggest mortgage lenders halting new home loans, and some economists predicting interest rates could double by spring, what does this all mean for you?

Our panel of experts hear concerns and questions from listeners about the housing market volatility.

Presenter: Felicity Hannah
Reporter: Katie Barnfield
Producer: Amber Mehmood
Editor: Clare Worden

WED 15:30 Inside Health (m001cdtb)

[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (m001cf03)

Rules and Order

Rules & Order: Laurie Taylor talks to Tim Newburn, Professor of Criminology and Social Policy at the LSE, about the social history of 'orderly Britain' – the way in which we've resolved everyday problems, from dog fouling to smoking and queuing. They're joined by Lorraine Daston, Director Emeritus at the Max Planck Institute for the History of Science, who traces the development of rules in the Western tradition, ones which have set out work hours, dictated how we set the table, told us whether to offer an extended hand or cheek in greeting, and organised the rituals of life. Why do we need such rules and could we live without them?

Producer: Jayne Egerton

WED 16:30 The Media Show (m001cf05)

Telling the tale of market turmoil

On the day the Bank of England intervened to calm turmoil following the Chancellor's mini-budget last week, we look at the challenge facing journalists to tell this story well. Stephanie Flanders is the head of Bloomberg Economics and Paul Lewis presents Radio 4's Money Box.

Also in the show we speak to The Sunday Times journalist Gabriel Pogrand. His scoops regularly set the news agenda for the week ahead. How does he do it?

And if you're wondering about Jane Garvey and Fi Glover's recently announced move from the BBC to Times Radio – we've got their agent on to tell us how it happened. Sue Aytton is co-founder of Knight Aytton Management. She joins Megan Carver Founder and MD of Carver PR discuss how to manage big talent making moves, and the new opportunities of the growing audio market.

Presenter: Ros Atkins
Producer: Helen Fitzhenry

WED 17:00 PM (m001cf07)

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

WED 18:00 Six O'Clock News (m001cf09)

A treasury minister has insisted the Government's plan for growth is the right one.

WED 18:30 'Whatever Next?' With Miles Jupp (m001cf0c)

Series 1

Episode 1

An Unexpected Visitor at The Grange. Miles turns his hand to a new BBC 1 game show, guests on the new podcast Jumpers of My Life with Seann Walsh and fights Julia Davis for a major role in a major new movie.

Starring Miles Jupp with Vicki Pepperdine, Julia Davis, Seann Walsh, Jocelyn Jee Essien, Philip Fox, Justin Edwards, Dominique Moore, Andy Zaltzman, Simon Mann and David Gower

Written by Miles Jupp & James Kettle
Script edited by Graeme Garden
Produced by Victoria Lloyd

A Random Entertainment Production

WED 19:00 The Archers (m001cf0h)

David and Ruth compare the merits of Meadow (green) and Ferret (also green) paint for the Brookfield refresh, and speculate on what might be wrong with Ben. They can't believe their children will have all finally left, after nearly thirty years. They feel lucky none of them have gone far. Later with Leonard the pair disagree mildly again over the new décor. Ruth favours boutique and cosy, whereas David would prefer minimalist chic. Leonard reckons there's a way of satisfying both of them. He makes some notes on what they're each after, and offers to play around with some ideas. They're very impressed with the sketches Leonard comes up with, and he declares he'd be happy to take the whole project off their hands if they want.

Jolene can't believe Kenton's teenage kiss was with Clarrie. Kenton declares it wasn't effective in winning Janet Adkin back, it's water under the bridge and he and Clarrie have never spoken of it since – so Jolene had best keep it to herself. Jolene's lips are sealed. But she winds him up, and mentions Janet to Clarrie and Eddie when they come into the bar. Tense Kenton warns her to stop, especially when it's clear Clarrie's flustered. Jolene teases Kenton: maybe Clarrie still carries a torch? Eddie quizzes Clarrie and she admits to the kiss with Kenton. George walks in and is horrified. When unfazed Eddie says it was years ago and he's ok with it, George observes with gule that Kenton doesn't know that, does he?

WED 19:15 Front Row (m001cf0k)

The Blackwater Lightship, Filmmaker Kirsty Bell, Black Art

The Blackwater Lightship is a novel by Colm Tóibín, published in 1999 and shortlisted for the Booker Prize. It was later made into a film and has now been dramatized for the Dublin Theatre Festival. Set in the early nineties, it tells of a young gay man suffering from AIDS who visits his grandmother in rural Wexford and the repercussions his arrival has on her, his mother, and sister. Elle talks to the writer and director David Horan about adapting the novel for the stage, and the issues it raises about mother-daughter relationships and attitudes to AIDS then and now.

On the 40th anniversary of the First National Black Art Convention, held at Wolverhampton Polytechnic, and an accompanying exhibition at Wolverhampton Art Gallery, we look at that foundational moment for black art now, 40 years on. Elle speaks to Marlene Smith, artist, curator, and a founding member of the BLK Art Group, and to Alice Correia - art historian and editor of a new collection of documents from that time.

Plus filmmaker Kirsty Bell discusses her directorial debut, A Bird Flew In - set during lockdown, and featuring a stellar cast, including Sadie Frost, Derek Jacobi, and Frances Barber.

Presenter: Elle Osili-Wood
Producer: Ellie Bury

WED 20:00 Bringing Up Britain (m001cf0m)

Series 15

How can I give my child a healthy relationship with food?

The latest NHS figures for England show the number of young people with a "probable mental disorder" has gone up from one in nine before the pandemic to one in six. So in this four part series of Bringing Up Britain, Anjula Mutanda sets out to

explore some of the possible causes of anxiety, and how parents can help their children through them.

In this episode Anjula meets Hannah, a mother of two who feels she was negatively affected by the diet culture she witnessed growing up. She wants her children to take pleasure in food without feeling guilty but feels society gives parents and children mixed messages about obesity on one hand, and body positivity on the other. So how can we raise children with a healthy, happy relationship with food? To find out Anjula hears from:

Dr Julie Mennella, biopsychologist and expert in early nutritional programming
Jackie Blissett, Professor of Childhood Eating Behaviour and Co-Director of Institute of Health and Neurodevelopment, Aston University
Dr Jason O'Rourke, headteacher of Washingborough Academy Primary School
Dianne Neumark-Sztainer, Professor, Epidemiology & Community Health, University of Minnesota
Sarah Bowen, Professor of Sociology at North Carolina State University

Presenter: Anjula Mutanda
Producer: Ellie Bury

WED 20:45 Four Thought (m001c6nl)

From Bradford with Love

Crime writer Amit Dhand shares his experiences of growing up in Bradford in the 1980s. His family actively integrated with the local community.

"We simply had to integrate; to talk to the locals, to create friendships. Sharing language and food was a key part of this process. It wasn't optional – it was vital and it is how Bradford succeeded in creating a new future."

But Amit argues some of that willingness to mix has now been lost. In recent times an abandoned redevelopment project known locally as the "hole in the ground" dominated Bradford city centre for years and he says it set life in the city back. Different communities no longer had a space to congregate. Integration is, he argues, an "active process" and in this talk Amit offers solutions from sports, arts and health to get it back on track.

WED 21:00 Costing the Earth (m001cdtb)

[Repeat of broadcast at 15:30 on Tuesday]

WED 21:30 The Media Show (m001cf05)

[Repeat of broadcast at 16:30 today]

WED 22:00 The World Tonight (m001cf0r)

Budget crisis: Bank of England steps in

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

WED 22:45 Stone Blind by Natalie Haynes (m001cf0t)

Episode Eight

Medusa is the only mortal in a family of gods and monsters. She leads a happy and sheltered life with her Gorgon sisters, who treasure her. On a visit to Athens's new temple, she is raped by Poseidon and her life changes forever. Athens is furious, and rather than punishing Poseidon for the crime, she curses Medusa. Her hair is replaced with a writhing mass of snakes and her gaze turns anyone she looks at to stone. The power cannot be controlled: Medusa can look at nothing without destroying it. She is condemned to a life of shadows and darkness. And then Perseus comes on a quest in search of a Gorgon's head.

Susannah Fielding reads the new novel by Natalie Haynes – the Women's Prize-shortlisted author of A Thousand Ships and presenter of Radio 4's Natalie Haynes Stands Up for the Classics.

Produced by Mary Ward-Lowery for BBC Audio
Abridged by Sara Davies
Editing and sound design by Mair Bosworth
Studio engineering and mix by Michael Harrison

WED 23:00 The Haunting (m000p1hg)

Series 3

Sleeping

Travel through the bad gateway in this modern ghost story as writer and performer Tom Neenan discovers what horrors lurk in our apps and gadgets.

In this episode, we discover there is something even worse than a nightmare as sweet dreams turn very very sour.

Modern technology is terrifying. The average smartphone carries out three-point-three-six billion instructions per second. The average person can only carry out one instruction in that time. Stop and think about that for a second. Sorry, that's two instructions - you won't be able to do that.

But what if modern technology was literally terrifying? What if there really was a ghost in the machine?

Starring

Tom.....Tom Neenan
Heidi.....Jenny Bede
Charlie.....Andy Nyman
The Advert.....Rebecca Gethings

Written by Tom Neenan

Produced & Directed by David Tyler

A Pozzitive production for BBC Radio 4

WED 23:15 The Skewer (m001cf0w)

Series 7

Episode 3

Jon Holmes's multi-award-winning Skewer continues to twist itself into current affairs. This week - One Flew Over The Kiercoo's Nest, Dirty Chess, and a defibrillated pound.

An unusual production for BBC Radio 4

WED 23:30 Paul Sinha's General Knowledge (m000lzjj)

Series 2

Episode 3

Paul Sinha is an award-winning comedian, the reigning British Quiz Champion and also, according to the Radio Times, the UK's "funniest fund of forgotten facts". He returns to Radio 4 with a second series of his General Knowledge, recounting the amazing true stories that lie behind fascinating nuggets of information.

This episode is all about the famous people who've fallen from the public eye, such as the model who appeared on the cover of Vogue UK with Turlington, Evangelista, Campbell and Schifferr - four women so famous we didn't need to tell you their first names - who you have probably never heard of.

The programme was recorded virtually, with an audience of 200 people watching him from the comfort of their own home.

Written and performed by Paul Sinha

Additional material by Oliver Levy

Recording engineered by Lee Chaundy & Marc Willcox

Produced by Ed Morrish

A Somethin' Else production for BBC Radio 4

THURSDAY 29 SEPTEMBER 2022

THU 00:00 Midnight News (m001cf0y)

The latest news and weather forecast from BBC Radio 4.

THU 00:30 The Captain's Apprentice by Caroline Davison (m001bl06)

[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (m001cf10)

The latest weather reports and forecasts for UK shipping.

THU 01:00 Selection of BBC World Service Programmes (m001cf12)

BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

THU 05:20 Shipping Forecast (m001cf14)

The latest weather reports and forecasts for UK shipping.

THU 05:30 News Briefing (m001cf18)

The latest news from BBC Radio 4

THU 05:43 Prayer for the Day (m001cf18)

Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

THU 05:45 Farming Today (m001cf1b)

29/09/22 Bird Flu, On-shore wind, Wine tourism

More bird flu outbreaks and more restrictions. 64,000 turkeys are being culled in the latest outbreak, this time in Norfolk.

The Government says it's going to relax planning laws about where on-shore wind farms can be built, but some rural councils are not sure they want them.

All week we're looking at UK wine. Most is English, but there are about five vineyards in Scotland and thirty in Wales - that's according to the tourism organisation Visit Wales. Visitors are a growing part of the business model for producers in the Welsh wine regions.

Presented by Charlotte Smith and produced by Beatrice Fenton.

THU 05:58 Tweet of the Day (b08tfsq2)

Tristan Gooley on the Wood Pigeon

Tristan Gooley describes how for him the wood pigeon is a special bird for Tweet of the Day

Producer Miles Warde.

THU 06:00 Today (m001cf11)

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

THU 09:00 In Our Time (m001cf1n)

The Electron

Melvyn Bragg and guests discuss an atomic particle that's become inseparable from modernity. JJ Thomson discovered the electron 125 years ago, so revealing that atoms, supposedly the smallest things, were made of even smaller things. He pictured them inside an atomic ball like a plum pudding, with others later identifying their place outside the nucleus - and it is their location on the outer limit that has helped scientists learn so much about electrons and with electrons. We can use electrons to reveal the secrets of other particles and, while electricity exists whether we understand electrons or not, the applications of electricity and electrons grow as our knowledge grows. Many questions, though, remain unanswered.

With

Victoria Martin

Professor of Collider Physics at the University of Edinburgh

Harry Cliff

Research Fellow in Particle Physics at the University of Cambridge

And

Frank Close

Professor Emeritus of Theoretical Physics and Fellow Emeritus at Exeter College at the University of Oxford

Producer: Simon Tillotson

THU 09:45 The Captain's Apprentice by Caroline Davison (m001bksh)

Ralph Vaughan Williams Has an Epiphany

The story of Ralph Williams and the inspiration he found in English folk song continues. In 1903 the composer meets Mr Potiphar and has a musical epiphany. Poppy Miller reads.

Following in the footsteps of Ralph Vaughan Williams, Caroline Davison explores the influence of folk song and the Fens on the composer, in the 150th anniversary of his birth.

Ralph Vaughan Williams was a keen collector of folk songs, and committed to saving these indigenous tunes before they could be forgotten. In 1905 he was in King's Lynn where James 'Duggie' Carter sang 'The Captain's Apprentice'. The tune was beautiful and the melody, harmony and feeling went on to shape Vaughan Williams' future composition. Yet, in stark contrast, the lyrics of this song told a tale of brutal torture at sea.

Alongside the story of Ralph Vaughan Williams' passion for folk song and the Fens, Caroline Davison delves into the plight of cabin boys on the high seas who were at the mercy of unscrupulous sea captains. Folk songs are not the only theme examined in this account, we also discover how the landscape of the Fens inspired Vaughan Williams work, and there are glimpses into the composer's personal life, and the times in which he lived.

Caroline Davison has published a novel and a children's book, and was a conservationist in the heritage sector for thirty years. She also performs music and is a singer.

Abridged by Katrin Williams
Produced by Elizabeth Allard

THU 10:00 Woman's Hour (m001cf1q)

Oloni, Women in Politics, Forever Friends?

'Ladies shall we have some fun?' Some of you may recognise this catchphrase and be thinking of the sex and relationship expert Oloni, who built an online community by speaking openly about sex and relationships. Her new book - The Big O - is out and goes into detail about how we can close what she calls 'the orgasm gap'. Oloni joins Emma.

The Bank of England's intervention yesterday to calm financial markets after the government's mini-budget came hot on the heels of the International Monetary Fund warning that the measures are likely to fuel the cost of living crisis. One woman who's been advising the IMF over the past 20 years is Ngairé Woods, now Professor of Global Economic Governance at the University of Oxford, she joins Emma.

Giorgia Meloni's election as the Prime Minister of Italy is just the latest victory for a woman on the right of the political spectrum. The vast majority of European women who have had true executive power - party or government leaders - come from the right, starting with Margaret Thatcher. The academic Costanza Hermanin from the European University Institute in Florence joins Emma Barnett to discuss why the Left have had fewer female leaders, alongside Professor Matthew Goodwin from the University of Kent, who has written a number of books including National Populism: The Revolt Against Liberal Democracy.

We've been talking about female friendship in the last couple of weeks and focussing on what happens when friendship goes wrong. Can you fix a friendship that has broken and should you try? Daniella and Nataliya - Dan and Nat - are both 33 and they live in London. Jo Morris talked to them, separately, about their long friendship and what it means to them.

Presenter: Emma Barnett

Producer: Emma Pearce

THU 11:00 From Our Own Correspondent (m001cf1s)

Brazil at a crossroads

Brazilians will vote in the first round of presidential elections on Sunday. The front-runner is former leftist president Luiz Inacio Lula da Silva - currently, polls suggest he has a healthy lead over the incumbent far-right president, Jair Bolsonaro. Political observers say these will be the most closely watched elections since Brazil returned to democracy in 1989 - and some of the most polarised, as Katy Watson explains.

Singapore recently announced it will repeal its strict laws banning gay sex after years of fierce debate. But even during that period, Singapore's gay bars, nightclubs and festivals continued to thrive and are now being showcased in the city-state's first LGBT walking tour. Tessa Wong went for a stroll.

Tensions flared up again earlier this month between the former Soviet states of Armenia and Azerbaijan leaving more than 200 people dead. The fighting is linked to decades-old hostilities over control of the Nagorno-Karabakh region. A fragile ceasefire is now in place. Grigor Atanesian spoke to one family who have twice been forced from their home in recent weeks.

In North America, John Murphy watches a game of lacrosse in the region where it first originated, among Native Americans. Following the arrival of European colonisers, the original game was adopted and adapted, becoming a staple sport in elite schools and colleges - with indigenous players excluded. Now, there's a move to reclaim the indigenous game.

The Roman emperor Domitian was known for his tyrannical rule. After his death, by assassination, the Roman Senate tried hard to condemn his memory to oblivion - but not everything was eradicated, as Hugh Levinson discovered on a visit to the walled city of Kotor in Montenegro.

Presenter: Kate Adie

Producers: Serena Tarling and Ellie House

Editor: Richard Fenton-Smith

Production Coordinator: Iona Hammond

THU 11:30 Peter Greenaway - Painting with Film (m001cf1v)

Meet Peter Greenaway, filmmaker, painter, encyclopaedist. Daring, controversial and rarely predictable, Greenaway is celebrating his 80th birthday and marking the 40th anniversary of the release of his first feature film, The Draughtsman's Contract.

Praised and sometimes cursed by audiences and critics from England to Japan, Russia to Mexico, Greenaway has authored a cult filmography too long to comfortably list. Feature titles

include *The Cook, The Thief, His Wife and Her Lover*, *Drowning by Numbers*, *Nightwatching*, *A Zed and Two Noughts* and *The Baby of Macon*. At 80 he shows little sign of slowing down with one new film due for release and another starting production.

Here Greenaway offers personal reflections on his life and career, his ideas about art and his desire to create a painter's cinema. We also delve into Greenaway's archive, in the company of BFI National Archive curator Josephine Botting, as the BFI prepares to screen a sweeping season of his work starting in October 2022 and the release of a special remaster of *The Draughtsman's Contract*.

After 50 years of filmmaking what drives the lush and idiosyncratic vision of one of European cinema's most startling auteurs?

Producer: Michael Umney
Executive Producer: Susan Marling

A Just Radio production for BBC Radio 4 in association with the BFI's *Frames of Mind – The Films of Peter Greenaway* season.

With special thanks to KinoFilmpodium, Zurich for their permission to use extracts from Peter Greenaway's lectures. The full lectures are available at filmpodium.ch

Image courtesy of Steve Pyke/Getty Images

THU 12:00 News Summary (m001cf1x)

The latest national and international news from BBC Radio 4.

THU 12:04 You and Yours (m001cf1z)

You and Yours Gap Finders: Brie Read

Today's Gap Finder is Brie Read, the CEO and founder of Snag Group Ltd, a UK based brand producing tights, socks, swimwear, leggings and more in a range of inclusive sizes.

The entrepreneur developed the original idea to launch the business after her tights kept falling down when she was out and about. Brie started to look into the issue, commissioning a survey which showed that 97% of the people she spoke to were not happy with the tights currently on the market.

The Livingston-based e-commerce company caters to sizes 2 to 36, and while originally focused solely on hosiery, it has now stretched to include clothing and swimwear, with customers in 90 countries, and more than 120 members of staff.

Brie Read is a former chief executive of meal delivery service Diet Chef, and credits her customers, or Snagglers, for saving the business during the pandemic. After making huge revenue losses the company turned to their customers who helped raise £1.25m through a "buy one now, get two pairs later" promotion.

Winifred hears about Brie's early start in business, securing funding and her ambitions for the future of the company.

PRESENTER: Winifred Robinson
PRODUCER: Linda Walker

THU 12:32 All Consuming (m001cf21)

Vapes

Amit Katwala and Charlotte Williams explore the world of e-cigarettes and vapes, tracing their extraordinary growth and asking whether they're life savers or something more insidious.

We hear from Time journalist Jamie DuCharme, author of the book *Big Vape*, about the rise and fall of the e-cigarette firm Juul who recently paid out over \$430 million after being accused of targeting teenagers with its advertising. Shaun Yendalls, the owner of two vape shops in South London, explains why his staff actively try to stop people buying his products and Scott Butler from Material Focus details the massive environmental impact of the new fad for disposable vapes.

Presented by Charlotte Williams and Amit Katwala
Produced by Bukky Fadipe
A Whistledown production for BBC Radio 4

THU 12:57 Weather (m001cf23)

The latest weather forecast

THU 13:00 World at One (m001cf25)

Forty-five minutes of news, analysis and comment, with Sarah Montague.

THU 13:45 The Scramble for Rare Earths (m001cf27)

4. The EU's dependency on China

Misha Glenn explores the world of rare earth metals. He asks whether the EU can end its dependency on China's supply of critical raw materials to fuel the green transition.

Guests:

Olivia Lazard, fellow at Carnegie Europe.
Maros Sefcovic, Vice President of the European Commission
Dr Julie Klingner, author of *Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes*

Producer: Ben Carter
Editor: Hugh Levinson
Sound engineer: James Beard
Production coordinator: Janet Staples

THU 14:00 The Archers (m001cf0h)

[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Drama (m001cdzz)

Shearwaters

Alison White's intense psychological thriller set over twenty four hours on a remote island wildlife reserve.

The island reserve, home to hundreds of thousands of breeding Manx shearwater birds that are hunted at night-time by predatory black-backed gulls, is managed by warden Wilf who lives there with his partner Ruth and young daughter Lily. Ruth arrived on the island three years previously, escaping from traumatic events in her past. But Ruth holds a secret and unbeknown to her, someone is coming, someone who has the power to rip her new life apart.

As the threat and danger intensifies, distressing memories surface and Ruth is forced to take drastic action to protect herself and the people she loves.

The drama features field recordings made on Skomer Island, including the night-time arrival of Manx shearwaters, and uses 3D binaural audio; please listen on headphones for a more immersive experience.

RUTH.....Rosalie Craig
WILF.....William Ash
SETH.....Rupert Hill
LILY.....Lily Mitic

Written by Alison White
Sound design by Steve Brooke
Directed by Nadia Molinari

A BBC Audio Drama North Production

With special thanks to the wardens of Skomer Island and the Wildlife Trust of South and West Wales.

BBC Action Line Support:

Domestic abuse: <https://www.bbc.co.uk/programmes/articles/3FQFSnx6SZWSQn3TJYIFNy/information-and-support-domestic-abuse>

Sexual violence: <https://www.bbc.co.uk/programmes/articles/22VVM5LPrf3pjYdKqctmMXn/information-and-support-sexual-abuse-and-violence>

Stalking: www.stalkinghelpline.org

Bereavement: <https://www.bbc.co.uk/programmes/articles/4MmhHDSbdDmTpVJhBs2v4P4/information-and-support-bereavement>

THU 15:00 Ramblings (m001cf29)

Halifax Hikers

Clare goes to Halifax to walk with a group of Muslim men who came together to support each other to become mentally and physically fitter through walking in the countryside around Halifax. One of the things the group enjoys about their town is the ability to be out into beautiful countryside within ten minutes - albeit up some very steep hills! The group's leader is Zaheer Khalil. He is passionate about the benefits of fresh air and walking. He also believes walking is a way of connecting with other people outside of their immediate community. They are a group of professional men who started to find their lives becoming stressful, unhealthy and at times overwhelming. The walks have helped them come together to keep fit and also share problems. They are all passionate about their town and keen to give back to the community in many different ways. They are proud of Halifax's industrial heritage, the contributions made by their elders and their own place in its history.

Their walk begins and ends at the town's magnificent centrepiece The Piece Hall. All together it's 6.2 miles and takes them from the town centre up Trooper Lane to Beacon Hill before they walk along the ridge and drop down into Shibden Valley through the grounds of Shibden Hall, former home of

Anne Lister (Gentleman Jack). After a break at the Shibden Mill Inn nestled amongst the trees by a stream, another steep climb takes the group up Lee Lane to Ploughcroft, which offers another panorama of Halifax. There is then a gradual descent back towards the town centre, via Claremount and North Bridge, finishing off in the opulent Georgian splendour of the Piece Hall plaza for the guys' customary chai and samosas.

Producer: Maggie Ayre

THU 15:27 Radio 4 Appeal (m001cdw0)

[Repeat of broadcast at 07:54 on Sunday]

THU 15:30 Open Book (m001cdx4)

Orhan Pamuk

Johny Pitts talks to Nobel Prize-winning author Orhan Pamuk about his prescient new novel, *Nights of Plague*. An atmospheric and richly detailed portrait of the end of the Ottoman Empire and the psychology of a pandemic.

Set on an island in the Mediterranean in 1901, the bubonic plague takes hold, as the daughter of a deposed sultan, Princess Pakize, her husband, and a famous doctor Bonkowski Pasha, arrive on a mission to persuade the population to abide by quarantine rules.

Johny also talks to actor Paterson Joseph about the extraordinary life of Charles Ignatius Sancho, a freed slave and later prominent Black activist in Georgian Britain, who inspired his debut novel, *The Secret Diaries of Ignatius Sancho*. And the author of *Detransition, Baby*, Torrey Peters, has chosen Imogen Binnie's ground-breaking novel, *Nevada*, as her *Book I'd Never Lend*.

Booklist – Thursday 29 September

Nights of Plague by Orhan Pamuk
Snow by Orhan Pamuk
A Journal of the Plague Year by Daniel Defoe
The Betrothed by Alessandro Manzoni
The Plague by Albert Camus
War and Peace by Leo Tolstoy
Black England: Life Before Emancipation by Gretchen Gerzina
David Copperfield by Charles Dickens
Letters of the Late Ignatius Sancho, an African. Edited by Vincent Carretta
Jane Eyre by Charlotte Brontë
The Secret Diaries of Charles Ignatius Sancho by Paterson Joseph
Detransition, Baby by Torrey Peters Nevada by Imogen Binnie

THU 16:00 Made of Stronger Stuff (p0brz7c9)

Dopamine

Psychologist Kimberley Wilson and Dr Xand van Tulleken take a journey around the human body, to find out what it can tell us about our innate capacity for change. In this episode, they take on the social media pariah - dopamine.

They examine this tiny chemical's wide roles in the brain and body, and question whether we should make cognitive enhancers available for general use. There's also a dive into some intriguing research which suggests your breakfast could influence your most fundamental decision-making ability.

Producer: Georgina Mills
Researcher: Leonie Thomas
Executive Producer: Robert Nicholson

A Whistledown production for BBC Radio 4

THU 16:30 BBC Inside Science (m001cf2d)

Fracking Science

The government has lifted a moratorium on fracking imposed in 2019 following a series of small earthquakes caused by exploratory drilling. The British Geological Survey was asked to investigate, we speak to two of the authors of their new report into fracking and earthquakes, seismologist Brian Baptie and Geologist Ed Hough.

We also look at more practical aspects of fracking in the UK with Professor Richard Davies from Newcastle University, asking how to viably extract shale gas in the UK and whether, with concerns over climate change, we should really be contemplating this at all.

The production of Bitcoin consumes as much energy as a medium sized European country. Benjamin Jones from New Mexico university and Larisa Yarovaya from Southampton Business School explain why generation of the cryptocurrency has come to require such huge amounts of energy.

And we hear from Maria Fitzgerald, chair of the panel for the

Royal Society book prize on what makes a good science book

Inside Science is produced in partnership with the Open University

THU 17:00 PM (m001cf2g)

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

THU 18:00 Six O'Clock News (m001cf2j)

The Chancellor and the Prime Minister have both defied their critics today - insisting they have the right plans to grow the economy.

THU 18:30 Gemma Arrowsmith's Sketched Out (m001cf2l)
Series 1

Joanna Lumley

Gemma Arrowsmith continues this week, but will she be allowed to host it herself this time?

The powers-that-be think a National Treasure would be more fitting, and who better than Dame Joanna Lumley? She's so down to earth! Gemma tries to build her profile by becoming the face of a national Yoghurt campaign, and elsewhere hear a burglar employ an offsetting scheme, a woman author bringing life to a male lead, and Louis Theroux visits the Grammar Nazis.

Performed by: Gemma Arrowsmith, Kudzanayi Chiwawa, Dan Starkey & Thomas Nelstrop
Guest host: Joanna Lumley

Written by: Gemma Arrowsmith
Script Edited by: Tasha Dhanraj

Sound design: Neil Goody at Premises Studios
Production Coordinator: Sarah Nicholls

The Producer was Gwyn Rhys Davies, a BBC Studios Production.

THU 19:00 The Archers (m001cf2n)

Mischievous George draws Kenton into the conversation he's having with Clarrie, who gets embarrassed and bustles away. George discloses to Kenton that his grandma and grandpa have fallen out big time, recounting to mortified Kenton the tale of Clarrie's 'affair' of years ago. Kenton rushes to Grange Farm to speak to Eddie, who plays the wronged husband to a tee. He makes Kenton squirm; Kenton insists his kiss with Clarrie when they were teenagers meant nothing, it was years ago and he certainly would never laugh at Eddie. Eddie continues to tie Kenton in knots, and turns on the tears. Kenton declares he'll do anything to put things right. Later George congratulates his grandpa on his performance, and for securing free drinks for the foreseeable future. But Clarrie smells a rat when she finds them giggling, and wonders what scheme they're cooking up. Beth visits wrongfooted Chelsea, who in a bizarre turn of events ends up doing her hair. Beth asks Chelsea for the truth, and Chelsea recounts the events of the night of the rave. Beth asks Chelsea if she's decided what to do about the baby. In turn Chelsea asks Beth whether she'll stay with Ben. Beth hasn't a clue. Chelsea points out Ben was heartbroken when Beth ended it last time, and that he's desperate not to lose her again now. He's also offered help to Chelsea and is a good person. Beth can't cope anymore and leaves.

THU 19:15 Front Row (m001cf2q)

A Midsummer Night's Dream at Shakespeare North Playhouse and artist Samson Kambalu

Artist Samson Kambalu talks to Shahidha Bari about his sculpture Antelope, a thought provoking commentary on colonialism which has just been unveiled on Trafalgar Square's fourth plinth.

Period gangster drama Peaky Blinders has been turned into a ballet by dance company Rambert. As it opens in Birmingham, Rambert Dance's Helen Shute explains how they've interpreted the TV show for the stage.

Screenwriter Frank Cottrell-Boyce and critic Helen Nugent review the first Shakespeare production at the new Shakespeare North theatre in Prescott. A Midsummer Night's Dream, and Joyland, the first Pakistani film to be selected at the Cannes Film Festival.

THU 20:00 The Briefing Room (m001cf2s)

Turmoil on the markets

The financial markets have been in turmoil since the chancellor, Kwasi Kwarteng, unveiled a big package of economic measures

last Friday. Traders responded to the prospect of major tax cuts by selling the pound. The Bank of England then had to intervene to protect the UK's pension system.

What exactly is causing the financial instability and what might that mean for the British economy over the next few years?

Joining David Aaronovitch in The Briefing Room are: Dharshini David, BBC Economics Correspondent. Toby Nangle, Economics commentator and former asset fund manager. Martin Weale, Professor of Economics at King's College, London. Chris Giles, Economics Editor of the Financial Times. Stephanie Flanders, Senior Executive Editor for Economics at Bloomberg.

Producers: Octavia Woodward, Daniel Gordon and Simon Watts
Editor: Richard Vadon
Sound Engineer: Neil Churchill
Production Co-ordinators: Siobhan Reed and Helena Warwick-Cross

PHOTO: The Bank of England (Getty Images)

THU 20:30 The Bottom Line (m001cf2v)

Excess Profits, Windfall Taxes and Incentives

Is it right that businesses making what look like windfall profits pay windfall taxes? And do the recent announcements from the government to lower taxes in general lead to economic growth? Evan Davis and guests discuss.

GUESTS

Irem Guceri, Associate Professor Economics and Public Policy, Blavatnik School of Government, Oxford

Professor Michael Jacobs, Professor of Political Economy, Sheffield University

Charlie Mullins, Businessman and Founder, Pimlico Plumbers

Dan Neidle, Founder, Tax Policy Associates Ltd.

PRODUCTION TEAM

Producer: Julie Ball
Editor: Richard Vadon
Sound Engineers: Graham Puddifoot/James Beard
Production Co-ordinators: Siobhan Reed and Helena Warwick-Cross

THU 21:00 BBC Inside Science (m001cf2d)

[Repeat of broadcast at 16:30 today]

THU 21:30 In Our Time (m001cf1n)

[Repeat of broadcast at 09:00 today]

THU 22:00 The World Tonight (m001cf2y)

OBR forecast for mini budget "was rejected"

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

THU 22:45 Stone Blind by Natalie Haynes (m001cf30)

Episode Nine

Medusa is the only mortal in a family of gods and monsters. She leads a happy and sheltered life with her Gorgon sisters, who treasure her. On a visit to Athens's new temple, she is raped by Poseidon and her life changes forever. Athens is furious, and rather than punishing Poseidon for the crime, she curses Medusa. Her hair is replaced with a writhing mass of snakes and her gaze turns anyone she looks at to stone. The power cannot be controlled: Medusa can look at nothing without destroying it. She is condemned to a life of shadows and darkness. And then Perseus comes on a quest in search of a Gorgon's head.

Susannah Fielding reads the new novel by Natalie Haynes – the Women's Prize-shortlisted author of A Thousand Ships and presenter of Radio 4's Natalie Haynes Stands Up for the Classics.

Produced by Mary Ward-Lowery for BBC Audio
Abridged by Sara Davies
Editing and sound design by Mair Bosworth
Studio engineering and mix by Michael Harrison
4Status:

THU 23:00 Your Place or Mine with Shaun Keaveny

(p0cf4nbb)

Tatty Macleod: Carnac, France

Multi-million viewed TikTok star and bilingual comedian Tatty Macleod grew up in Brittany, France. A stunning former medieval kingdom with coastal charm and Celtic roots akin to Cornwall, plus French food and better weather. Sounds idyllic. But how might the locals and holidaying Parisiennes feel about Shaun rocking up with his family?

Your Place Or Mine is the travel podcast that isn't going anywhere - not until guests can convince Shaun Keaveny it's worth getting off the sofa for. Each week a familiar face will try to persuade Shaun and resident geographer, historian and comedian Iszi Lawrence that jetting off to their favourite destination is worth the hassle.

Across the series listeners will be able to figuratively globe-trot to a new destination, as guests share a personal guide to their favourite place on the planet. Iszi will be on hand to check out the facts during the podcast's metaphorical tour of its visitors' much-loved locations.

With all the missed travel these past two years, Your Place Or Mine will explore whether getting back on a plane is too much for our wallets and limited carbon budgets, or if seeing the world and experiencing global cultures is something we can't afford to miss.

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

Producers: Proinsias O'Coinn and Jen Whyntie

THU 23:30 Paul Sinha's General Knowledge (m000m5kh)
Series 2

Episode 4

Paul Sinha is an award-winning comedian, the reigning British Quiz Champion and also, according to the Radio Times, the UK's "funniest fund of forgotten facts". He returns to Radio 4 with a second series of his General Knowledge, recounting the amazing true stories that lie behind fascinating nuggets of information.

This episode ranges from the funniest Clives in history, via the first anti-Nazi Oscar winner, to the 1974 Eurovision Song Contest and the real, uncredited, writer of one of rock music's most famous songs.

The programme was recorded virtually, with an audience of 200 people watching him from the comfort of their own home.

Written and performed by Paul Sinha
Additional material by Oliver Levy
Recording engineered by Lee Chaundy & Marc Willcox
Produced by Ed Morrish

A Somethin' Else production for BBC Radio 4

FRIDAY 30 SEPTEMBER 2022

FRI 00:00 Midnight News (m001cf33)

The latest news and weather forecast from BBC Radio 4.

FRI 00:30 The Captain's Apprentice by Caroline Davison (m001bksh)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (m001cf35)

The latest weather reports and forecasts for UK shipping.

FRI 01:00 Selection of BBC World Service Programmes (m001cf37)

BBC Radio 4 presents a selection of news and current affairs, arts and science programmes from the BBC World Service.

FRI 05:20 Shipping Forecast (m001cf39)

The latest weather reports and forecasts for UK shipping.

FRI 05:30 News Briefing (m001cf3c)

The latest news from BBC Radio 4

FRI 05:43 Prayer for the Day (m001cf3f)

Spiritual reflection to start the day with Fiona Stewart, a writer who runs a Christian arts charity.

FRI 05:45 Farming Today (m001cf3h)

The Scottish Government wants to create a 'bespoke rural visa' to allow remote communities - and farms - to attract people from abroad to work, but it needs the Westminster Government's approval, Charlotte hears from a Scottish minister.

One of the newest English vineyards has just opened in Suffolk, Catherine Scarff left a job in the music industry, studied viticulture, and joined the family farm to start a new venture. Some agronomists reckon farmers will lose 20% of their crop to the flea beetle this year, one farmer near Cambridge explains how he has been affected.

Meanwhile, as the Government plans to revoke pesticide legislation - when it removes EU laws from the statute books - ministers say that this will not come at the expense of high environmental standards, Matt Shardlow Chief Executive of Buglife is not convinced.

Presenter: Charlotte Smith
Producer: Alun Beach
Editor: Dimitri Houtart

FRI 05:58 Tweet of the Day (b08q79q1)
Val Thompson on the pink-footed goose

Val Thompson describes the comfort she derives from seeing pink footed geese in Norfolk, a place she visited with her late husband, and how reconnecting with birds has helped her through bereavement.

Producer Maggie Ayre.

FRI 06:00 Today (m001cf59)
News and current affairs, including Sports Desk, Weather and Thought for the Day.

FRI 09:00 Desert Island Discs (m001cdwm)
[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 The Captain's Apprentice by Caroline Davison (m001bl33)
The Captain's Apprentice Is Revisited

The story of Ralph Vaughan Williams & English folk song concludes. The composer re-visits The Captain's Apprentice after disaster strikes the Norfolk coast in the shape of 1953's catastrophic flood. Poppy Miller reads

Following in the footsteps of Ralph Vaughan Williams, Caroline Davison explores the influence of folk song and the Fens on the composer, in the 150th anniversary of his birth. The reader is Poppy Miller.

Ralph Vaughan Williams was a keen collector of folk songs, and committed to saving these indigenous tunes before they could be forgotten. In 1905 he was in King's Lynn where James 'Duggie' Carter sang 'The Captain's Apprentice'. The tune was beautiful and the melody, harmony and feeling went on to shape Vaughan Williams' future composition. Yet, in stark contrast, the lyrics of this song told a tale of brutal torture at sea. Alongside the story of Ralph Vaughan Williams' passion for folk song and the Fens, Caroline Davison delves into the plight of cabin boys on the high seas who were at the mercy of unscrupulous sea captains. Folk songs are not the only the theme examined in this account, we also discover how the landscape of the Fens inspired Vaughan Williams work, and there are glimpses into the composer's personal life, and the times in which he lived.

Caroline Davison has published a novel and a children's book, and was a conservationist in the heritage sector for thirty years. She also performs music and is a singer.

Abridged by Katrin Williams
Produced by Elizabeth Allard

FRI 10:00 Woman's Hour (m001cf5c)
Mel Shilling, Meera Narandan, Ella Saltmarsh, Lina Prestwood, Chi-chi Nwanoku, Nadia Gilani

A woman posted a thread on Mumsnet about wanting to take time off work while going through a break up with father or her child, the responses she got were mixed. We want to know whether you would ever consider this but also would you be open about taking time off to help deal with a break up? We speak to relationship expert Mel Shilling and blogger Meera Narandan.

We talk to Chi-chi Nwanoku from Chineke! Orchestra – Europe's first professional majority Black and ethnically diverse orchestra – and hear music from their new album

The Yoga Manifesto – a new book by Nadia Gilani and we'll be joined by one of the winners from last night's International Women's Podcast Awards

Presenter: Anita Rani
Producer: Lisa Jenkinson
Studio Manager: Michael Millham.

FRI 11:00 Net Zero: A Very British Problem (m001cf5f)
Food

The UK is a global success story when it comes to reducing carbon emissions. Committed to reaching net zero by 2050, we've surpassed targets for 2012, 2017 and - already - 2022. We are ahead of all EU countries and other leading economies.

On paper we look good, but it's about to get a lot tougher...

The carbon savings we've made so far have been the easy ones. To reach Net Zero, we need to start changing the way we live and work. We need to rethink our homes, our heating, our transportation and our food. We can't reach net zero without these changes impacting on each and every one of us.

In this series, comedian and environmental economist Matt Winning looks at the ways in which unique aspects of British culture have shaped how we generate carbon, how we've managed to reduce emissions, and the challenges we now face to eliminate them completely. Travelling around Britain - from terraced houses to the tiniest of crofts, and from golf courses to cement factories - Matt reveals how our energy consumption is bound up with who we are.

The big question now is: can we change?

FRI 11:30 Relativity (m001c6wr)
Series 4

Episode 4

Drawing on his own family, the fourth series of Richard Herring's popular comedy drama has warm, lively characters and sharply observed family dynamics of inter generational misunderstanding, sibling sparring and the ties that bind.

Amid the comedy, Richard broaches some more serious highs and lows of family life. In this series, set during the first year of lockdown, he draws on his own experience of testicular cancer at that time, as well as the comedic escapades of the four generations of the Snell family. Love, laughter and malapropisms abound.

Richard Herring is a comedian, writer, blogger and podcaster and the world's premier semi-professional self-playing snooker player.

Episode 4

A family Zoom call to support Ian pre operations leads to lots of dodgy one ball jokes from Nick, Mark and Holly. Ken makes an extraordinary offer to the family's hilarity. Jane comes to the rescue so Chloe can take a big filming job. And Margaret overhears a very private conversation.

Cast:
Ken Phil Davis
Margaret Alison Steadman
Ian Richard Herring
Chloe Emily Berrington
Jane Fenella Woolgar
Pete Gordon Kennedy
Mark Fred Haig
Holly Tia Bannon
Nick Harrison Knights

Writer: Richard Herring
Director: Polly Thomas
Sound Design: Eloise Whitmore
Producer: Daisy Knight
Executive Producers: Jon Thoday and Richard Allen Turner

An Avalon Television production for BBC Radio 4

FRI 12:00 News Summary (m001cf5k)
The latest national and international news from BBC Radio 4.

FRI 12:04 Archive on 4 (m001byg0)
[Repeat of broadcast at 20:00 on Saturday]

FRI 12:57 Weather (m001cf5m)
The latest weather forecast

FRI 13:00 World at One (m001cf5p)
Forty-five minutes of news, analysis and comment, with Ben Wright.

FRI 13:45 The Scramble for Rare Earths (m001cf5r)

5. The Great New Game

Misha Glenny explores the world of rare earth metals. In this final episode he hears how Russia's interest in Ukraine might be partially motivated by its huge mineral deposits.

Guests:

Rob Muggah is a co-founder of SecDev, a Canadian data, science and open intelligence company focused on mitigating risks and strengthening resilience.
Dr Samuel Ramani teaches politics and international relations at Oxford University and is the author of two upcoming books on Wagner's activities.
Dr Julie Klinger, Assistant Professor in the Department of Geography and Spatial Sciences at the University of Delaware and author of Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes

Producer: Ben Carter
Editor: Hugh Levinson
Sound engineer: James Beard
Production coordinator: Janet Staples

FRI 14:00 The Archers (m001cf2n)
[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Limelight (m001cf5t)
One Five Seven Years

One Five Seven Years - Episode 2: Uche

Imagine you could live for two lifetimes. Would you want to? How would it change you and those you love? What would you do with all those extra years? What second chances might you get? Would this be a blessing or a curse?

This world is an alternative version of our own. Except in this world, a minority of people are discovered to have Extended Life Syndrome (ELS). The condition might give an "Elser" two decades in their thirties, two in their forties, double the time in their fifties, and so on. Little is understood of the biological factors that govern ELS except that it affects a random selection of people. It is the ultimate lottery of genetics, crossing class, race, culture and gender.

And if a simple test existed to check your DNA for this double life, would you take it? Would you want to know?

Now think again. Would you?

As ELS testing spreads across the globe, a small village in eastern Nigeria rejects the science in favour of "traditional" methods of detection leaving 16-year-old Uche in fear for her life.

Written by Eno Mfon and Marietta Kirkbride

Cast:
Uche Faith Omole
Halima Emmanuella Cole
Nkechi Juliet Agnes
Big Sister Jolade Obasola
Gloria Yetunde Oduwale
Mother Luyanda Unati Lewis-Nyawo
Henry Valentine Olukoga

Other voices played by the cast

Sound Design Adam Woodhams and Steve Bond
Theme Music Ioana Selaru and Axel Kacoutié

Academic Consultants Tamas David-Barrett & James Fasham
Executive Producer Sara Davies

Series created by Marietta Kirkbride
Directed and Produced by Nicolas Jackson

An Afonica production for BBC Radio 4

FRI 14:45 Living with the Gods (b09gg8t7)
Living with No Gods

Neil MacGregor focuses on societies which aimed to live without religious beliefs.

Neil examines a revolutionary clock, from around 1795, created in the wake of the French Revolution, and designed to mark a new way of living: in an age of reason, there would no longer be royalism or religion in France.

A poster from the Soviet Union celebrates the apparent triumph of scientific progress: the cosmonaut Yuri Gagarin floats in space, looks out and proclaims 'There is no God!'. It seems that the heavens are empty of divine beings, but full, instead, of

starry promise.

Producer Paul Kobrak

Produced in partnership with the British Museum
Photograph (c) The Trustees of the British Museum.

FRI 15:00 Gardeners' Question Time (m001cf5w)
Central Lancashire

Kathy Clugston hosts the horticultural programme from Central Lancashire. This week, she's joined by James Wong, Kirsty Wilson and Christine Walkden who will be answering questions from the audience.

Producer - Dominic Tyerman
Assistant Producer - Aniya Das

A Somethin' Else production for BBC Radio 4

FRI 15:45 Short Works (m001c00g)
Last Time by Rebecca Watson

In this powerful and poetic new story commissioned for Radio 4, a young woman recalls a troubling sibling relationship, veering between fractured memories and razor-sharp observations.

Rebecca Watson is the highly acclaimed author of little scratch, shortlisted for the Goldsmiths Prize and the Desmond Elliott Prize. A fresh new literary voice, she was chosen by The Observer as one of the 10 best debut novelists of 2021 for her "daringly experimental stream-of-consciousness novel".

Written and read by Rebecca Watson
Producer: Ciaran Bermingham

FRI 16:00 Last Word (m001cf60)
Dame Hilary Mantel, John McVicar, Joyce Reynolds, Paul Sartin

Matthew Bannister on

Dame Hilary Mantel (pictured), the Booker prize winning novelist best known for the Wolf Hall trilogy.

John McVicar, the former armed robber who studied sociology in prison and became a writer and broadcaster.

Joyce Reynolds, the eminent Cambridge classicist who specialised in the study of epigraphs and taught Dame Mary Beard who joins us to remember her.

The multi-instrumentalist and singer Paul Sartin, a key figure on the English folk scene and member of the band Bellowhead. His band mate Sam Sweeney pays tribute.

Producer: Neil George

Interviewed guest: Laurie Taylor
Interviewed guest: Dame Mary Beard
Interviewed guest: Sam Sweeney
Interviewed guest: Jon Wilks

Archive clips used: Company Pictures/ Playground Entertainment/ BBC, Wolf Hall – E01 Three Card Trick 21/01/2015; BBC News, interview with Hilary Mantel 03/05/2020; BBC Radio 4, Front Row – extended interview with Hilary Mantel 05/06/2012; BBC Radio 4, The Reith Lectures – Hilary Mantel 13/06/2017; Polytel/ The Who Films, McVicar (1980) UK TV Trailer; BBC One, Straight Talk – John McVicar interview 09/05/1980; BBC Radio 4, Six Men – John McVicar interview 20/04/1986; Loftsingers Andover, Andover Museum Loft Singers Promo 13/10/2018.

FRI 16:30 More or Less (m001cdzh)
[Repeat of broadcast at 09:00 on Wednesday]

FRI 17:00 PM (m001cf62)
Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines

FRI 18:00 Six O'Clock News (m001cf64)
President Putin has been condemned for an illegal land grab – after annexing parts of Ukraine.

FRI 18:30 The News Quiz (m001cf66)
Series 109

Episode 3

We're in Liverpool this week where Andy is joined by Eleanor

Tiernan, Adam Rowe, Stephen Bailey and Sonia Sodha. The panel discuss the Labour Party conference in the city and examine what Keir Starmer is bringing to the table. They also discuss the state of the UK economy and the recent Nord Stream gas leaks.

Hosted and written by Andy Zaltzman with additional material from Alice Fraser, Zoë Tomalin, Sam Picone and Jade Gebbie.

Producer: Georgia Keating
Executive Producer: Pete Strauss
Production Co-ordinator: Ryan Walker-Edwards

A BBC Studios Production

FRI 19:00 The Archers (m001cf68)
Writer, Sarah McDonald-Hughes
Director, Gwenda Hughes
Editor, Jeremy Howe

Alan Franks John Telfer
Ben Archer Ben Norris
Beth Casey Rebecca Fuller
Chelsea Horrobin Madeleine Leslay
Clarrie Grundy Heather Bell
David Archer Timothy Bentinck
Eddie Grundy Trevor Harrison
George Grundy Angus Stobie
Jill Archer Patricia Greene
Jolene Archer Buffy Davis
Josh Archer Angus Imrie
Kenton Archer Richard Attlee
Leonard Berry Paul Copley
Lilian Bellamy Sunny Ormonde
Ruth Archer Felicity Finch
Shula Hebden Lloyd Judy Bennett
Usha Gupta Souad Faress
Vince Casey Tony Turner

FRI 19:15 Screenshot (m001cf6b)
Method Acting

From the melodramatic gestures of silent movies to the immersive, intricate performances made possible by 21st century technology, acting styles have gone in and out of fashion.

But no acting technique is more mythologised or misunderstood than The Method.

Mark Kermode and Ellen E Jones are getting under the skin of method acting to find out what it is, how it changed the face of American cinema, and why it's not to blame for some truly weird on set behaviour.

Ellen talks to writer and historian Isaac Butler to trace The Method's roots back to the Russian actor, director and theorist Konstantin Stanislavski. They discuss The Method's founding father in America Lee Strasberg, some key Method performances, and how acting is changing today. To learn what it's like to study The Method, Ellen talks to British actor and writer Louise Brealey about her time at the Lee Strasberg institute, learning to laugh at yourself, and never giving in to bad behaviour.

Mark talks to British actor Adeel Akhtar about how an opportunity to study method acting changed the course of his life, and not taking your character home at the end of the day.

And in a moving discussion, Mark realises a long held ambition to interview Ellen Burstyn, who played - in a long and glittering career - Chris MacNeil in his favourite film, The Exorcist. Ellen studied The Method with Lee Strasberg himself and now, at the age of 89, she is co-President of the institution he led, The Actors Studio. Ellen shares her memories of Lee and brings his creative exercises back to life.

In this week's Viewing Notes, actor Jason Isaacs shares his favourite method performance.

Produced by Freya Hellier

A Prospect Street production for BBC Radio 4

FRI 20:00 Any Questions? (m001cf6d)
Stephen Flynn MP, Dame Arlene Foster, Raniil Jayawardena MP, James Murray MP

Jonny Dymond presents political debate and discussion from Ringwood School in Hampshire. The panel includes former DUP leader and First Minister of Northern Ireland, Dame Arlene Foster; the SNP's Westminster spokesperson for business, energy and industrial strategy Stephen Flynn MP; the Secretary of State for Environment, Food and Rural Affairs, Raniil Jayawardena; and the shadow financial secretary to the Treasury, James Murray MP.

Producer: Beth Sagar-Fenton
Lead broadcast engineer: Kevan Long
Editor: Chris Ledgard

FRI 20:50 A Point of View (m001cf6g)
Notions of Blackness

Bernardine Evaristo reflects on notions of blackness in the aftermath of comments made this week by the Labour MP, Rupa Huq, who described the Chancellor, Kwasi Kwarteng, as 'superficially' black.

'If one of the most egregious features of racism' Bernardine writes, 'is to reduce people to stereotypes, to homogenise and generalise the qualities of people according to their racialised identities, then what does it say about us when we describe a person as not really being black or Asian because they do not behave according to our values, cultural codes or political interests?'

Producer: Adele Armstrong
Sound: Peter Boshier
Production coordinator: Iona Hammond
Editor: Richard Fenton-Smith

FRI 21:00 Bhopal (m001bs1r)
Bhopal (Omnibus)

The Bhopal gas tragedy was the worlds worst industrial accident. Tens of thousands of people died and many more suffered long term illnesses when lethal methyl isocyanate gas leaked from the Union Carbide plant in the city in central India on 2nd December 1984.

For the previous two years one man had been predicting that Bhopal was an accident waiting to happen. Forty years ago this month the Bhopali journalist Rajkumar Keswani wrote his first article warning of the dangers posed by safety lapses at the plant. During a dogged investigation pitting him against political power, corporate money and the indifference of the media and public opinion, he never gave up. This cinematic documentary series tells his story for the first time.

This is the omnibus edition of the 'Bhopal' series.

Narrator Narinder Samra
Written and researched by Anubha Yadav and Radhika Kapur
Music and Sound Design by Shreyan Chatterjee
Studio Mix by Donald McDonald
Producer Neil McCarthy

With thanks to Down To Earth

FRI 22:00 The World Tonight (m001cf6j)
In depth reporting, intelligent analysis and breaking news from a global perspective

FRI 22:45 Stone Blind by Natalie Haynes (m001cf6l)
Episode Ten

Medusa is the only mortal in a family of gods and monsters. She leads a happy and sheltered life with her Gorgon sisters, who treasure her. On a visit to Athene's new temple, she is raped by Poseidon and her life changes forever. Athene is furious, and rather than punishing Poseidon for the crime, she curses Medusa. Her hair is replaced with a writhing mass of snakes and her gaze turns anyone she looks at to stone. The power cannot be controlled: Medusa can look at nothing without destroying it. She is condemned to a life of shadows and darkness. And then Perseus comes on a quest in search of a Gorgon's head.

Susannah Fielding reads the new novel by Natalie Haynes – the Women's Prize-shortlisted author of A Thousand Ships and presenter of Radio 4's Natalie Haynes Stands Up for the Classics.

Produced by Mary Ward-Lowery for BBC Audio
Abridged by Sara Davies
Editing and sound design by Mair Bosworth
Studio engineering and mix by Michael Harrison

FRI 23:00 The Exorcist by William Peter Blatty (b03vgxyz)
Episode 1

By W P Blatty, dramatised by Robert Forrest. In this modern classic, a priest is called in to help a 12-year-old girl who appears to be possessed by an overwhelming demonic force.

Produced and directed by Gaynor Macfarlane.