

## SATURDAY 12 JUNE 2021

**SAT 00:00 Midnight News (m000wtg)**

The latest news and weather forecast from BBC Radio 4.

**SAT 00:30 Young Prince Philip by Philip Eade (m000vjd1)**

Episode 5

The revelatory biography of the early life of Prince Philip.

We have grown so used to seeing Prince Philip as a loyal, dutiful elderly man that it is easy to forget what a strange and intriguing life he led when he was younger. Originally published to coincide with his 90th birthday in 2011, 'Young Prince Philip' tells the story of the first half of his life.

Philip Eade focuses on those aspects of the Prince's early life that are most compelling: his father's dramatic flight from revolutionary Greece; the subsequent madness of his deaf mother and prolonged absences of his feckless father; his school days in Nazi Germany; his relationship with his four sisters, all married to Germans, one to an officer in the SS; his rather breezy courtship and marriage to the most eligible young woman in the world; and his membership of raffish circles during the 1950s and '60s.

Abridged by Polly Coles  
Read by Nicholas Woodeson

Produced by Clive Brill  
A Brill production for BBC Radio 4

**SAT 00:48 Shipping Forecast (m000wtj)**

The latest weather reports and forecasts for UK shipping.

**SAT 01:00 Selection of BBC World Service Programmes (m000wtll)**

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 (m000wttn)**

The latest weather reports and forecasts for UK shipping.

**SAT 05:30 News Briefing (m000wtq)**

The latest news from BBC Radio 4

**SAT 05:43 Prayer for the Day (m000wtts)**

A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good morning.

Recently I have been reading the work of Erik Erikson, a 20th-century German-American psychologist who breaks life down into eight stages. He explains how social interaction and relationships impact the development and growth of human beings across the whole lifespan.

He believed that each stage of life has two conflicting concepts that serve as a turning point for development. For example the age 1-3 years is classified as Autonomy vs Shame and Doubt. At this stage toddlers begin to explore their world and establish independence. If a simple act like choosing their own clothes and dressing themselves is denied or criticised this could lead to doubt and eventually low self-esteem with feelings of shame.

The great news is it's never too late to master challenges we previously failed at! Overcoming our environment and upbringing means being brave enough to connect with our inner-self. We all have the ability to change ourselves and break negative patterns for future generations.

Erikson classified the final stage for individuals 65 and over as Ego Integrity VS Despair. He believed that those who were satisfied with their lives accepted age with grace and continue to display their wisdom.

Her Majesty the Queen's official 95th birthday is celebrated today. A symbol of grace and wisdom, Her Majesty, as the longest serving monarch in British history, has lived through times of war, and has seen this country go through many other challenges in her lifetime.

Wondrous Enlightener

Bless Her Majesty the queen on her birthday. Help us all to overcome challenges individually and as a united world so that we may live and age with grace.

Waheguru

**SAT 05:45 Four Thought (m000wsf2)**

## What's In a Name?

Helena Goodwyn interrogates the near universal practice of giving children their father's - not their mother's - surname. She and her husband plan to buck the trend in a stand against structural inequality when their first baby is born. "We have the feminist movement to thank for many of the changes that have led us to our present moment, where broadly speaking, British society no longer stigmatises people based on whether they were conceived in or outside of marriage but in the case of cohabiting heterosexual couples the giving of the father's surname remains the norm."  
Dr Helena Goodwyn is Vice-Chancellor's Senior Research Fellow in English Literature at Northumbria University.  
Presenter: Olly Mann  
Producer: Sheila Cook

**SAT 06:00 News and Papers (m000wyn2)**

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

**SAT 06:07 Rambblings (m000wsy0)**

Urban Ambling in Cultural Coventry

A fascinating wander through Coventry, the 2021 UK City of Culture. Ian Harrabin is a Trustee of the City of Culture so is the perfect guide to lead Clare Balding along a richly historic urban route. He is also Chair of the 'Historic Coventry Trust' which is running a host of projects designed to preserve, and make more accessible, some of the most interesting and little known parts of the city.

The walk began at Nauls Mill Park, Coundon Road, Coventry CV1 4AR. Map: OS Explorer 221 Coventry & Warwick. Grid Ref for Nauls Mill Park - SP 328 796

Producer: Karen Gregor

**SAT 06:30 Farming Today (m000wyn4)**

12/06/21 Farming Today This Week: trade deals, farming bitcoin, sausages with protocol

A new post-Brexit UK trade deal was signed with Norway, Iceland and Lichtenstein. It will see tariffs on pork, poultry and some British cheeses being dropped.  
Trade between Great Britain to Northern Ireland has been in the news again this week, as talks between the UK and the EU over sausages failed to reach an agreement.  
And we hear from the farmers mining for cryptocurrency.

Presented by Charlotte Smith and produced by Beatrice Fenton.

**SAT 06:57 Weather (m000wyn6)**

The latest weather reports and forecast.

**SAT 07:00 Today (m000wyn8)**

Including Sports Desk, Weather and Thought for the Day.

**SAT 09:00 Saturday Live (m000wynb)**

Angelique Kidjo

Nikki Bedi and Richard Coles are joined by iconic Beninese singer songwriter Angelique Kidjo. Whilst known for her energetic world music style she has also collaborated with Philip Glass, covered Talking Heads, played to a jubilant crowd at the BBC Proms and worked as an advocate for the rights and education of women.

Growing up in Afghanistan in the 80s, Waheed Arian had to flee the war aged 5. He contracted TB in a refugee camp and his childhood and education were completely disrupted by war. He sought asylum in the UK, gaining enough qualifications to go to Cambridge University to study medicine. He joins us.

Esme Young ran an avant garde fashion shop, has made costumes for Leonardo Di Caprio and Renée Zellweger, lectures at Central St Martins and is a judge on the Great British Sewing Bee on BBC One.

Iron Maiden guitarist Adrian Smith is also a passionate angler – he joins us.

We have the inheritance Tracks of the Archbishop of York, Stephen Cottrell who chooses Chopin Nocturne No. 1 in b-flat minor and Tippett A Child of our Time, and your thank you.

Producer: Corinna Jones

**SAT 10:30 You're Dead To Me (p08r3qd)**

The Egyptian Pyramids

Host Greg Jenner is joined by Prof Sarah Parcak and comedian

Maria Shehata to learn all about the magnificent Egyptian pyramids. We discover how and why pyramids were built, who constructed them, and how space archaeology can help us discover and protect hundreds of pyramids and tombs that are yet to be found.

**SAT 11:00 The Week in Westminster (m000wypr)**

As global leaders gather in Cornwall for the G7 summit George Parker of the Financial Times speaks to Canada's Deputy Prime Minister Chrystia Freeland.  
Tony Blair's former Chief of Staff, Jonathan Powell, who helped negotiate the Good Friday Agreement, discusses the latest on the Northern Ireland Protocol.  
Conservative peer Robert Hayward and Labour's leader in the Lords Angela Smith analyse the proposals to redraw the parliamentary constituency boundaries.  
And the Conservative MP for St Ives Derek Thomas and Liberal Democrat councillor Edwina Hannaford discuss whether Cornwall will benefit from hosting a global summit.

**SAT 11:30 From Our Own Correspondent (m000wypt)**

Insight, wit and analysis from BBC correspondents, journalists and writers from around the world.

**SAT 12:00 News Summary (m000wyppw)**

National and international news from BBC Radio 4

**SAT 12:04 Money Box (m000wypp)**

Bitcoin or Bitcoin?

The latest news from the world of personal finance

**SAT 12:30 Dead Ringers (m000wtzs)**

Series 21

Episode 1

Will England come out of lockdown on the 21st of June, how should the last series of Line of Duty have ended, and will Tom Cruise ever finish Mission Impossible ??

The writing squad for the series: Tom Jamieson and Nev Fountain, Laurence Howarth, Tom Coles & Ed Amsden, Jeffrey Aidoo, Simon Alcock, James Bugg, Sarah Campbell, Nastassia Dhanraj, Athena Kugblenu, Sophie Dickson, Rajiv Karia, Vivienne Riddoch & Jane Mccutcheon, Edward Tew.

Producer: Bill Dare

Production Coordinator: Sarah Sharpe  
A BBC Studios Production for Radio 4.

**SAT 12:57 Weather (m000wyq0)**

The latest weather forecast.

**SAT 13:00 News and Weather (m000wyq2)**

The latest national and international news from BBC Radio 4

**SAT 13:10 Any Questions? (m000wt4)**

Hilary Benn MP, Dr Liam Fox MP, Sherelle Jacobs, Layla Moran MP

Chris Mason presents political debate and discussion from the Church of St Martin with St Peter in Worcester with the Labour MP and former International Development Secretary Hilary Benn MP, the Conservative MP and former International Trade Secretary Dr Liam Fox MP, columnist at The Daily Telegraph Sherelle Jacobs and the Liberal Democrat foreign affairs spokesperson Layla Moran MP.  
Producer: Camellia Sinclair  
Lead broadcast engineer: Sharon Hughes

**SAT 14:00 Any Answers? (m000wyq4)**

Have your say on the issues discussed on Any Questions?

**SAT 14:45 One to One (m000ygh2)**

OCd: Tuppence Middleton talks to David Adam

Actress Tuppence Middleton has Obsessive Compulsive Disorder (OCD). It's not something she's really talked about before, except with a therapist. That is, until now. In this series, she's on a mission to find out more about the disorder - and herself - and to bust some myths along the way.

Today, she talks journalist David Adam, writer of the best-selling book 'The Man Who Couldn't Stop' with the strap-line 'OCD and the true story of a life lost in thought.' David's OCD was triggered by an illogical obsession with contracting HIV/AIDS in the 1980s. He says each era has its "bogeyman". What might this mean for people today, in the age of

coronavirus?

Photo credit: Robert Harper. Producer: Becky Ripley.

**SAT 15:00 Castle of the Hawk (b0b86bpx)**  
Hawk Rising

Hawk Rising: In 13th century Brugg on the Swiss border, a mysterious stranger arrives at the Castle of the Hawk. He is to be tutor to the son of Duke Rudolf of Habsburg but soon finds himself unwillingly joining the Prussian Crusade. Rudolf is determined to be elected Holy Roman Emperor, and for his son to follow suit, but that needs the support of the Pope and the Pope supports the crusade.

Mike Walker's epic chronicle of the Habsburg dynasty which was to rule most of Europe - as well as much of the New World - for 600 years.

Sound design Nigel Lewis  
Director Alison Hindell

BBC Cymru Wales production.

**SAT 16:00 Woman's Hour (m000wyq6)**

Paloma Faith, Heath Minister Nadine Dorries, Sexual harassment in the workplace, No-fault divorce

Paloma Faith on combining motherhood with her music as well as her reaction to the OFSTED survey that sexual harassment of schoolchildren has become normalised in schools. Her new single Monster is about her relationship with her career.

What's the best way to stamp out sexual harassment in the workplace? We discuss with Stella Chandler, Director of Development at Focal Point Training which runs in person workplace behavioural courses that includes sexual harassment, and Deeba Syed, a lawyer who set up and manages the sexual harassment at work advice line at Rights of Women.

The new figurehead known as Nannie is now being installed on the famous ship, the Cutty Sark: the tea clipper that resides in a specially designed dry dock in Greenwich next to the river Thames in London. Why is the figurehead of a ship often a woman? Louise Macfarlane is senior curator at the Cutty Sark.

The Health Minister Nadine Dorries on the public call for evidence for England's first women's health strategy.

The new no-fault divorce law has been delayed in England until 2022. What can make divorce less complicated and confrontational? We hear from Ellie, who is in the middle of a break-up, Kate Daly who runs Amicable, an online divorce service, and divorce lawyer Ayesha Vardag.

What's so special about the relationship between gay men and their straight female best friends? In celebration of Pride Month, we discuss with Matt Cain, author and ambassador of Manchester Pride, and Jill Nalder, best friend of Russell T Davies, and the inspiration for Jill Baxter in the C4 drama 'It's a Sin'.

Presenter: Chloe Tilley  
Producer: Dianne McGregor

**SAT 17:00 PM (m000wyq8)**

Full coverage of the day's news

**SAT 17:30 Political Thinking with Nick Robinson (m000wyqb)**

Nick Robinson talks about what's really going on in British politics.

**SAT 17:54 Shipping Forecast (m000wyqd)**

The latest weather reports and forecasts for UK shipping.

**SAT 17:57 Weather (m000wygg)**

The latest weather reports and forecast

**SAT 18:00 Six O'Clock News (m000wyqj)**

The latest national and international news from BBC Radio 4

**SAT 18:15 Loose Ends (m000wyql)**

David Rodigan, David Greig, Nadine Shah, Jack Guinness, Elli de Mon, NNAMDÍ, Scottee, Clive Anderson

Clive Anderson and Scottee are joined by David Rodigan, David Greig, Nadine Shah and Jack Guinness for an eclectic mix of conversation, music and comedy. With music from Elli De Mon and NNAMDÍ.

**SAT 19:00 Profile (m000wynh)**

An insight into the character of an influential person making the news headlines

**SAT 19:15 Women Talking About Cars (b0939zyf)**  
Series 2

Jo Brand

Comedian and actress Jo Brand is Victoria Coren Mitchell's companion for this week's edition of the show that uses our guest's cars as a way to take us through her life. Find out how Jo Brand's rally-driving past was ended by romance; how her car became an impromptu counselling couch for comedians; the vital importance of the right kind of snacks; and when you shouldn't risk a roadside read.

With car descriptions read by Morwenna Banks  
Produced by Gareth Edwards

A BBC Studios Comedy Production.

**SAT 19:45 Just One Thing - with Michael Mosley (m000wshh)**

Count Your Blessings

Surprisingly simple ways to boost your health and wellbeing - in one easy step.

**SAT 20:00 Archive on 4 (m000wynk)**

Stewart Lee: Unreliable Narrator

Comedian and writer Stewart Lee draws on a lifetime of professional untruths to consider the disorienting and apparently all-encompassing world of the unreliable narrator.

Why, if we appreciate truth, objectivity and authenticity so much, do we also love the distortions of almost all narrative art?

Does the basic human desire to tell stories mean that none of us are ever really telling the truth?

What happens when the idea of manipulating the narrative leaves the world of entertainment and enters the world of politics?

From the British Library to the middle of a Victorian graveyard, in novels and poems, documentaries, the songs of Bob Dylan and stand-up comedy, Stewart picks through the archives and encounters a host of more or less reliable voices including Mediaevalist Dr Hetta Howes, writer and critic Jennifer Hodgson, political commentator Nesrine Malik, poet Rob Auton, filmmaker Ben Rivers, Dylanologist Nish Kumar, comedian Russell Kane and one or two devious special guests.

Be on your guard, expect the unexpected and suspend your disbelief as we head out in search for something to rely on.

Presenter: Stewart Lee  
Producer: Michael Umney  
Executive Producer: Max O'Brien

A Novel production for BBC Radio 4

**SAT 21:00 Pilgrim by Sebastian Baczkiewicz (b071tgbt)**  
Series 7

Stickton General

By Sebastian Baczkiewicz

Following the death of Laura Tyler, William Palmer has sworn to punish his former close friend Morgan Hambleton for his crimes. But first, he has to track him down.

Pilgrim ..... Paul Hilton  
Morgan ..... Justin Salinger  
Camilla ..... Scarlett Brookes  
Baxter ..... Nick Underwood  
Randell ..... Carl Prekopp  
Jackie ..... Nicola Ferguson  
Brenda ..... Susan Jameson  
Laura ..... Adie Allen

Directed by Marc Beeby

**SAT 21:45 The Hotel (m000my2s)**  
2: The Witch

Nicola Walker continues Daisy Johnson's deliciously unsettling ghost story series, with a feminist twist. Readers in the series include Maxine Peake, Juliet Stevenson and Sara Kestelman.

In today's story, 'The Witch', Fenland villagers tragically

misread a woman's unusual powers of prediction...

Reader: Nicola Walker  
Writer: Daisy Johnson  
Producer: Justine Willett

**SAT 22:00 News (m000wynm)**

The latest national and international news from BBC Radio 4

**SAT 22:15 Moral Maze (m000wsg1)**

The Morality of Taxation

The G7 group of advanced economies has reached a deal to make multinational companies pay more tax. It is a cause which has focussed minds in the wake of a costly global pandemic. For centuries, taxation has been seen as a moral, as well as an economic, principle. At a national level, some see this as a moment for the government to be bold in recouping wealth from those who have become richer during the Covid-19 crisis, and redistributing it to redress the social and economic inequalities the virus has exposed. Those who argue for high taxes on the rich believe that no one achieves their wealth on their own; rather, their wealth is a product of the society they live in, and taxation is a moral mechanism to recognise the people and infrastructures that enabled that wealth creation in the first place. While some see taxation as raising revenue for public goods, others see it as plunder and theft. Low tax enthusiasts don't view taxation as a moral obligation at all, since there is no choice involved, and they often object to the way in which their money is spent. Moreover, they don't believe that higher taxes are intrinsically more moral since public spending can relieve people of personal responsibility and limit their ability to spend their own money on the charitable causes that matter to them. Would a truly fair and equal society need to tax its citizens? What constitutes a fair tax system? To what extent is the contents of our pay packet 'ours'? With Dr Eamonn Butler, Dr Philip Goff, James Quarmby and Carys Roberts.  
Producer: Dan Tierney.

**SAT 23:00 The 3rd Degree (m000wrn6)**  
Series 11

The University of Cumbria

A funny, lively and dynamic quiz presented by Steve Punt and recorded on location at a different university each week, pitting three undergraduates against three of their professors. This week the show comes from the University of Cumbria.

The rounds vary between specialist subjects and general knowledge, quickfire bell-and-buzzer rounds and the Highbrow and Lowbrow round cunningly devised to test not only the students' knowledge of current affairs, history, languages and science, but also their Professors' awareness of television, sport, and quite possibly Ed Sheeran. And the Head-to-Head rounds, in which students take on their Professors in their own subjects, offer plenty of scope for mild embarrassment on both sides.

The specialist subjects this week are Marine and Freshwater Biology, Education and Forestry Management and Conservation, and the questions range from brothels and bats to Barnaby Bear. There's also a chance to brush up on your fronted adverbials.

The other universities in this series are Southampton, Nottingham Trent, Northampton, Anglia Ruskin and Brasenose College Oxford.

Producer: David Tyler  
A Pozzitive production for BBC Radio 4

**SAT 23:30 On Form (m000wsj3)**  
The Villanelle

In the third and last of this series, Andrew McMillan meets a diverse group of contemporary British poets who are reframing traditional techniques to write about the modern world, exploring why form is fashionable again.

In today's programme, poet and academic Aviva Dautch, traces the roots of the villanelle back to its musical origins and explores how it developed into a poetic form with fixed rules. To understand the interplay of the form's complex refrains and rhymes we hear Juliet Stevenson reads classic twentieth century villanelles: 'Do Not Go Gently' by Dylan Thomas and 'One Art' by Elizabeth Bishop, exploring how these poets use the form to contain grief.

We meet bestselling poet, Wendy Cope, a former teacher whose comic villanelles play with the formal counterpoint between repetition and surprise. Irish poet Gail McConnell describes how her experimental villanelle helps her articulate what it means to be part of non-traditional family structures, and the transition from the one she grew up in to the queer one she has created with her partner. And finally, Marvin Thompson,

winner of this year's National Poetry Competition with a villanelle variation, tells us about his passion for the form and reads his award-winning poem about his Jamaican-British identity.

The reader is Juliet Stevenson.

Photo of Andrew McMillan credited to Urszula Soltys

Producer: Mohini Patel

#### SUNDAY 13 JUNE 2021

##### **SUN 00:00 Midnight News (m000wynp)**

The latest news and weather forecast from BBC Radio 4.

##### **SUN 00:30 Short Works (m000wtsq)**

The Little Things by Kiare Ladner

In a newly commissioned short story by the acclaimed writer Kiare Ladner, the doorbell rings and a special day begins. Art, cocktails and a life long dream come together in this funny yet poignant tale.

The Little Things is the latest short story by the accomplished author, Kiare Ladner. Shortlisted for the BBC National Short Story Award, 2018 for her finely wrought story Van Rensburg's Card, her debut novel, Nightshift came out earlier in 2021 to critical acclaim.

Produced by Elizabeth Allard

##### **SUN 00:48 Shipping Forecast (m000wynr)**

The latest weather reports and forecasts for UK shipping.

##### **SUN 01:00 Selection of BBC World Service Programmes (m000wynt)**

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 (m000wynw)**

The latest weather reports and forecasts for UK shipping.

##### **SUN 05:30 News Briefing (m000wyny)**

The latest news from BBC Radio 4

##### **SUN 05:43 Bells on Sunday (m000wyp0)**

Durham Cathedral

Bells on Sunday comes from Durham Cathedral. Five of the bells date from 1693. The ring of eight was augmented in 1980 to bring the number to ten. The 28 hundredweight tenor is tuned to D. We now hear them ringing 'Grandsire Caters'.

##### **SUN 05:45 Profile (m000wynh)**

[Repeat of broadcast at 19:00 on Saturday]

##### **SUN 06:00 News Summary (m000wynv)**

The latest national and international news from BBC Radio 4

##### **SUN 06:05 Something Understood (b04gnht6)**

Grandparents

In a celebration of what it means to be a grandparent, Mark Tully examines the very particular relationship that exists between grandparent and grandchild.

This is obviously a two-way street, so this is a programme full of music and readings that explore the bridge between the generations from all points of view.

Here are evil grandmothers according to Rachmaninoff and inspiring ones from New York journalist Adriana Trigiani; we meet Victor Hugo, the doting grandfather, and Seamus Heaney, the devoted grandson; and musician Josef Suk plays the work of his revered grandfather.

The readers are Emily Raymond and Jasper Britton.

Producer: Frank Stirling

A Unique production for BBC Radio 4

##### **SUN 06:35 Natural Histories (b07jys1r)**

Carp

Brett Westwood goes fishing. Why is the carp king? Dexter Petley author of 'Love, Madness, Fishing' knows some answers.

He went to live in a yurt in Normandy in order to spend his life carp fishing. From there and a nearby water he brings us his tales of the river bank. Carp fishing is now a very high-tech pastime. Electronic bite detectors and gourmet bait balls are part of the business but an older intimacy with the carp is still crucial to land a fish; the angler must know how to read the water and track its hidden denizens. Meanwhile the Natural History Museum's Oliver Crimmen, Japanese art expert Timon Screech, Steve Varcoe from Aron's Jewish Delicatessen and anthropologist Desmond Morris discuss why various cultures continue to value the fish with a face that only a mother could love.

Original Producer: Tim Dee

Archive Producer : Andrew Dawes

Revised Repeat : First Broadcast BBC Radio 4; 12th July 2016

##### **SUN 06:57 Weather (m000wyvr)**

The latest weather reports and forecast

##### **SUN 07:00 News and Papers (m000wyvt)**

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

##### **SUN 07:10 Sunday (m000wyvw)**

A look at the ethical and religious issues of the week

##### **SUN 07:54 Radio 4 Appeal (m000wyvy)**

Guts UK

Journalist John Authers makes the Radio 4 Appeal on behalf of Guts UK.

To Give:

- Freephone 0800 404 8144

- Freepost BBC Radio 4 Appeal. (That's the whole address.

Please do not write anything else on the front of the envelope).

Mark the back of the envelope 'Guts UK'.

- Cheques should be made payable to 'Guts UK'.

- You can donate online at [bbc.co.uk/appeal/radio4](http://bbc.co.uk/appeal/radio4)

Registered Charity Number: 1137029

##### **SUN 07:57 Weather (m000wyw0)**

The latest weather reports and forecast

##### **SUN 08:00 News and Papers (m000wyw2)**

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

##### **SUN 08:10 Sunday Worship (m000wyw4)**

Woven

The Revd Michaela Youngson leads a service on Storytelling - God's Story, Our Story, Every Story.

The London District Methodist Theme for 2019 - 2022 is

Woven. An exploratory celebration of our story and God's story being woven together because God is interested in the smallest detail of our lives.

The theme of storytelling will be explored through testimonies, spoken word and popular Methodist hymns.

Producer: Alexa Good

##### **SUN 08:48 A Point of View (m000wt6)**

The Arts in Our Hearts

Bernardine Evaristo argues that, as we move out of lockdown and rebuild our creative infrastructure, we must cherish the country's arts culture.

She criticises disinvestment in the arts and the notion that school children should be, at every stage of their education, steered towards science and maths subjects.

'Creativity infuses every aspect of society and how we function as human beings,' she writes. 'Without creativity everything stagnates, including advances in STEM subjects.'

Producer: Adele Armstrong

##### **SUN 08:58 Tweet of the Day (b020tp2b)**

Kittiwake

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

Miranda Krestovnikoff presents the Kittiwake. In June you can find kittiwakes breeding on sea-cliffs around the coast. You may well hear them before you see them, shouting their name from vertiginous cliffs.

##### **SUN 09:00 Broadcasting House (m000wyw6)**

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

##### **SUN 10:00 The Archers Omnibus (m000wyw8)**

Writer, Keri Davies

Director, Peter Leslie Wild

Editor, Jeremy Howe

Brian Aldridge ... Charles Collingwood

Jennifer Aldridge ... Angela Piper

Harrison Burns ... James Cartwright

Alice Carter ... Hollie Chapman

Chris Carter ... Wilf Scolding

Neil Carter ... Brian Hewlett

Ed Grundy ... Barry Farrimond

Emma Grundy ... Emerald O'Hanrahan

Jazzer McCreary ... Ryan Kelly

Fallon Rogers ... Joanna Van Kampen

Peggy Woolley ... June Spencer

##### **SUN 10:54 Tweet of the Day (m000wywb)**

Tweet Take 5 : Manx Shearwater

Sometimes known as the devil bird or the Manxies, the Manx shearwater is a remarkable bird. A real oceanic flyer, they only come into land under the cover of darkness. Their eerie otherworldly calls emanate from deep burrows on remote islands on the west and north of Britain where they come to breed. These remarkable long range migrants overwinter off the coasts of South America, with one bird over its lifetime having been recorded flying the same distance to the moon and back more than ten times. As we'll hear in this extended version of Tweet of the Day with musician and conservationist Brian Briggs, presenter Miranda Krestovnikoff and sound recordist Gary Moore.

Producer : Andrew Dawes for BBC Audio in Bristol

##### **SUN 11:00 Desert Island Discs (m000wywd)**

Yo-Yo Ma, musician

Yo-Yo Ma is a cellist and one of the world's most high-profile classical musicians. He has performed for eight US Presidents, appeared in concert halls across the globe and reached new audiences through film soundtracks and TV shows including The Simpsons and Sesame Street.

Yo-Yo Ma was born in Paris in 1955. His Chinese-born parents were both musicians and his father was his first cello teacher. The family moved to the USA when Yo-Yo was seven, and a noted child prodigy, playing for John F Kennedy and Leonard Bernstein. He went on to study at the Juilliard School in New York and at Harvard University.

He has recorded more than 100 albums, and his many Grammy awards reveal the range of his musical interests. Along with prize-winning concerto and chamber music discs, and an acclaimed recording of Bach's Suites from unaccompanied cello, he's won awards for folk and tango albums. He is also the driving force behind the Silk Road Ensemble, creating music inspired by the cultures found along the historic trade route linking China and the West.

His high-profile appearances in America include the first performance on the site of the World Trade Centre, a year after the 9/11 attacks, and contributions to the inaugurations of Presidents Obama and Biden. A more recent informal solo performance took place at his local Covid vaccination centre in Massachusetts.

Yo-Yo Ma has been married to Jill Hornor for more than 40 years, and they have two children.

Presenter Lauren Laverne

Producer Sarah Taylor

##### **SUN 11:45 Marketing: Hacking the Unconscious (b08nl6c1)**

Series 1

A Serpent in the Garden

Can a huge global brand look beyond profit and leverage its huge turnover to do genuine good - beyond a catchy song and a pretty advert? Rory Sutherland explores how marketing plays upon questions of faith and idealism: from Coca-Cola's iconic "Hilltop" advertisement of 1971 to contemporary Islamic branding. Are big brands' moves to cater for the beliefs of its consumers really about doing genuine good for humanity - or exploiting social and moral issues to make a fast buck?

Shelina Janmohamed - writer and vice-president of Ogilvy Noor, the world's first Islamic branding consultancy - outlines the emergence of "Generation M": the world's 1 billion Muslims under the age of 30, of whom 90% say their faith

informs their consumer decisions.

Meanwhile, senior ad creative Steve Henry and composer Roger Greenaway tell the story of perhaps the most famous "message" advertisement in history: Coca-Cola's "Hilltop" ad of 1971, which gave the world the song "I'd Like To Teach The World To Sing".

Producer: Steven Rajam

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Why do certain marketing campaigns - from Nike's "Just Do It" to the MND Ice Bucket Challenge - cast such a spell over us? Rory Sutherland explores the story - and the psychology - behind ten of the most influential campaigns in history - with first-hand accounts from the creative minds that conceived them, and contributions from the worlds of evolutionary biology, behavioural psychology, socio-economics and anthropology.

Marketing. It's come to be one of the most misunderstood - and maligned - disciplines of our age: perceived variously as the Emperor's New Clothes, an emblem of the ills of capitalism, a shadowy dark art designed to steal away our hard-earned money and make us do (or buy, or vote for) things we don't want.

Yet marketing is undeniably a key part of contemporary culture. It's a science that's fundamentally about human behaviour - marketers, to some extent, understand us better than we know ourselves - and in the most successful campaigns we find our deepest emotions and urges, from altruism to shame, hope to bravado, systematically tapped into and drawn upon.

But what are these primal behaviours that the best campaigns evoke in us - and how do they harness them? Is marketing purely about commercial gain or can it underpin real common good and societal progress? And does the discipline manipulate our subconscious instincts and emotions - or simply hold a mirror to them?

Over ten episodes, senior advertising creative and Spectator writer Rory Sutherland unravels the story of some of the most powerful, brilliant and influential campaigns of our age. Set alongside personal testimonies from the brilliant minds that created them, we'll hear from a host of experts - from biologists to philosophers, novelists to economists - about how these campaigns got under our skin and proved to be so influential.

Contributors include: writer and former copywriter Fay Weldon; social behaviourist and expert on altruism Nicola Raihani; Alexander Nix, CEO of big data analysts Cambridge Analytica; philosopher Andy Martin; writer on Islamic issues and advisor to the world's first Islamic branding consultancy, Shelina Janmohamed; and evolutionary psychologist Geoffrey Miler.

#### **SUN 12:00 News Summary (m000wywg)**

National and international news from BBC Radio 4

#### **SUN 12:04 Nature Table (m000wrnq)**

Series 2

Episode 6

Nature Table is comedian, broadcaster and writer Sue Perkins' new comedy 'Show & Tell' series celebrating the natural world and all its funny eccentricities.

Taking the simple format of a 'Show & Tell', each episode Sue is joined by celebrity guests from the worlds of comedy and natural history. Each of the natural history guests brings an item linked to the wild world to share with the audience, be it an amazing fact or funny personal anecdote. Each item is a springboard for an enlightening and funny discussion, alongside fun games and challenges revealing more astonishing facts. We also hear from some of the London Zoo, as they bring us their own natural history 'show and tells' for Sue and the guests to discuss.

Nature Table has a simple clear brief: to positively celebrate and promote the importance of all our planet's wonderfully wild flora and fauna in an fun and easily grasped way... whilst at the same time having a giggle.

Note: Series 2 was recorded in November 2020, during lockdown conditions, so this time round there is no studio audience this time round. The host, panel and guest zookeepers recorded the series at ZSL London Zoo, socially distanced.

Episode 6

Recorded at London Zoo, this week Sue Perkins is joined by special guests:

Dr. Helen Scales (Marine Biologist), Dr. Erica McAlister (Senior Curator, Diptera, Natural History Museum) and comedian Felicity Ward.

Written by: Catherine Brinkworth, Kat Sadler & Jon Hunter  
Researcher: Catherine Beazley  
Music by Ben Mirin. Additional sounds were provided by The

Macaulay Library at the Cornell Lab of Ornithology.

Produced by: Simon Nicholls

A BBC Studios Production

#### **SUN 12:32 The Food Programme (m000wywj)**

Eat Your Art Out: How Art Makes Us Eat

Eating with our eyes is no new concept, but can visual art itself inspire or alter the way we eat? and can food be used to help more people appreciate art?

Jaega Wise meets artist, curator and gastronomy enthusiast Cedar Lewisooh to see his collection of artist's cookbooks, and hears how influential they have been.

At Tate Modern, the idea of wanting to eat like an artist has been taken a step further with the restaurant offering menus inspired by exhibitions. Head chef, Jon Atashroo tells us some of the stories that have gone into the dishes.

The concept of creating food inspired by the stories of artists lives and works has been picked up by museums worldwide. During lockdown, while many people have been getting more adventurous in their kitchens, galleries have been using recipes inspired by artists to bring a slice of their culture into people's homes. Jaega has a go at making a Mango-Pineapple Mezcal Margarita inspired by the work of Mexican artist Rufino Tamayo from the "Cooking with LACMA" series. Hear how she gets on in full at the end of this podcast.

And the artists using their medium to influence change in our food systems. Turner Prize nominees 'Cooking Sections', tell Jaega how their exhibit at the Tate Britain has influenced the institution to stop serving farmed salmon.

Presented by Jaega Wise.

Produced in Bristol by Natalie Donovan.

Mango-Pineapple Mezcal Margarita:

Makes one cocktail.

Ingredients:

50g Tajin (seasoning)  
1 lime wedge  
2 tablespoons fresh mango (a chunk)  
2 tablespoons fresh pineapple  
3 Mint leaves  
1 to 2 sugar cubes \*  
30ml Lime Juice (or juice of 1 lime)  
15ml Orange Liqueur  
45ml Mezcal

#### **SUN 12:57 Weather (m000wywl)**

The latest weather forecast

#### **SUN 13:00 The World This Weekend (m000wywn)**

Jonny Dymond looks at the week's big stories from both home and around the world.

#### **SUN 13:30 The Listening Project (m000wywq)**

Surviving and thriving

Fi Glover presents friends, relatives and strangers in conversation.

This week: Duncan and Kai discuss the experience of 'coming out' as survivors of childhood sexual abuse; slacklining fan Glenn and virtual reality gamer Eoin debate whether the popularity of VR will drive people away from socialising through sport; and arts professionals Halima and Adie swap notes on the expectations around motherhood faced by women.

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](http://bbc.co.uk/listeningproject)

Producer: Ellie Bury

#### **SUN 14:00 Gardeners' Question Time (m000wtsn)**

GQT at Home: Inspired Leeks and Pest Control Techniques

Kathy Clugston hosts the horticultural programme featuring a

group of gardening experts. Chris Beardshaw, Christine Walkden and Anne Swithinbank are on hand to answer questions from the virtual audience.

This week, the panel tackles questions on a curiously dried out hot border, stubborn peony bushes and thinning out seedlings.

Away from the questions, regular GQT panellist Matt Biggs kicks off our feature series by giving a fervent tribute to his favourite tree, the Handkerchief tree.

Producer - Dan Cocker  
Assistant Producer - Millie Chu

A Somethin' Else production for BBC Radio 4

#### **SUN 14:45 Thought Cages (m00019mq)**

Be Successful or Be Loved: The NHS Dilemma

Can a public health service ever be truly loved if it always prioritises reducing mortality rates and waiting times over the seemingly trivial aspects of patient experience? Rory Sutherland continues his exploration of magical ideas that logical people will hate, with contributions from market researcher Ben Page, evolutionary biologist Nichola Raihani and economist Robin Hanson.

Produced by Michael Surcombe for BBC Wales

#### **SUN 15:00 Hardy's Women (m000wyws)**

Jude the Obscure

Episode 3

Sue and Jude are now living together, with their three children, but their unmarried status makes them perpetual outcasts. And the strains of their situation take a tragic toll on young Juey. Starring Robert Emms, Kirsty Oswald, Julius D'Silva and Elinor Coleman. Dramatised by Graham White.

Directed by Emma Harding

Sue.....Kirsty Oswald  
Jude.....Robert Emms  
Phillotson.....Julius D'Silva  
Arabella.....Elinor Coleman  
Juey.....Rafferty Railton  
Mrs Edlin.....Jessica Turner  
Taylor/ Policeman.....Nicholas Murchie  
Landlady.....Marilyn Nnadebe  
Vicar.....David Sturzaker  
Gravedigger.....Toby Turner  
Woman.....Jane Slavin  
Girl.....Megan McInerney  
Friend 1.....Joshua Riley  
Friend 2.....Stewart Campbell

Production Co-ordinator.....Maggie Olgiati

Sound designer.....Caleb Knightley

#### **SUN 16:00 Open Book (m000wywy)**

Jonathan Lee, Reinvention novels with Natasha Brown and Anna Glendenning, Computer Games & fiction

Chris Power speaks to Jonathan Lee about his new novel The Great Mistake, the story of Andrew Haswell Green, the so-called "the Father of Greater New York". Lee discusses rediscovering and fictionalising the life and mysterious death of this historical figure who founded Central Park.

Natasha Brown and Anna Glendenning, discuss how their exciting debut novels explore millennials attempting to reinvent themselves in a world constrained by class, gender and race, coming up against the inherent contradictions of social mobility narratives.

And video games writer-turned-novelist Greg Buchanan talks about playing with the two forms, both of which have been accused of being escapist or morally corrupting forces at different points in history.

#### **SUN 16:30 Our Souls So Knit (m000wywx)**

Caroline Bird is on a mission to uncover the story behind Victorian poet Michael Field, who was actually two women, Katherine Bradley and Edith Cooper. Friends and contemporaries of Robert Browning and Oscar Wilde, the women were aunt and niece, but also lovers.  
Producer Sally Heaven

#### **SUN 17:00 File on 4 (m000wrlf)**

The Cost of Care

File on 4 investigates the new challenges of providing home care during the Covid-19 pandemic - with some recipients

seeing their care costs increased while their hours are reduced.

Exploring reports of financial assessments being neglected, and allegations that people's basic needs are not being met, we ask if some of society's most vulnerable are being made to shoulder the cost of local council funding gaps.

Producer: Michael Cowan  
Reporter: Claire Bolderson  
Editor: Maggie Latham

**SUN 17:40 Profile (m000wynh)**

[Repeat of broadcast at 19:00 on Saturday]

**SUN 17:54 Shipping Forecast (m000wywz)**

The latest weather reports and forecasts for UK shipping.

**SUN 17:57 Weather (m000wvx1)**

The latest weather reports and forecast

**SUN 18:00 Six O'Clock News (m000wvx3)**

The latest national and international news from BBC Radio 4

**SUN 18:15 Pick of the Week (m000wvx5)**

Guvna B

Presenter: Guvna B  
Producer: Elizabeth Foster  
Production support: Ellen Orchard  
Studio Manager: Sue Stonestreet

**SUN 19:00 Short Works (b07w6jxc)**

In the Clock Tower by Nat Segnit

Five new tales to accompany this week's shortlist for the BBC National Short Story Award:

**THE CLOCK TOWER**, written and read by Nat Segnit  
In the Spanish village after lunch he climbs the tower to the mechanism room, while she refuses to. These two decisions shape their romantic destinies..

Producer Duncan Minshull

**SUN 19:15 The Confessional (m000wvx7)**

Series 1

The Confession of Nigel Planer

Actor and broadcaster Stephen Mangan presents a comedy chat show about shame and guilt.

Each week Stephen invites a different eminent guest into his virtual confessional box to make three 'confessions'. This is a cue for some remarkable storytelling, and surprising insights.

We're used to hearing celebrity interviews, where stars are persuaded to show off about their achievements and talk about their proudest moments. Stephen's not interested in that. He doesn't want to know what his guests are proud of, he wants to know what they're ashamed of. That's surely the way to find out what really makes a person tick. Stephen and his guest reflect with empathy and humour on why we get embarrassed, where our shame thresholds should be, and the value of guilt.

In this edition, Nigel Planer - writer, actor and one of the original 'alternative comedians', co-founder of The Comic Strip - wrestles with three episodes from his life that have been plaguing his conscience for decades.

Other guests in this series include Cariad Lloyd, Dr Phil Hammond, Clarke Peters, Suzi Ruffell, Marian Keyes, Phil Wang, Joan Bakewell, Lucy Porter and Alastair Campbell.

Written and presented by Stephen Mangan  
With extra material by Nick Doody  
Devised with Dave Anderson

Produced by Frank Stirling  
A 7digital production for BBC Radio 4

**SUN 19:45 The Chronicles of Burke Street (m000wvx9)**  
1: BoyBoy's Story

We kick off a new short story series by the award-winning author of 'Love After Love', Ingrid Persaud.

Set on an everyday street in Port of Spain, Trinidad, 'The Chronicles of Burke Street' follows the lives and loves of its unusual residents. Burke Street might seem like an ordinary street, but behind its closed doors lurk secrets, superstitions and

barely concealed lies.

Today, in 'BoyBoy's Story', after the death of his mother, a young man is convinced that he's being haunted by a strange spirit ...

Writer: Ingrid Persaud is the winner of the 2018 BBC National Short Story Award, and her novel *Love After Love* won the 2020 Costa First Novel Award.  
Reader: Damian Lynch  
Producer: Justine Willett

**SUN 20:00 More or Less (m000wsf0)**

Third wave fears, smart motorways and bra sizes

Covid-19 cases are rising again in the UK – should we be worried about a third wave? Tim Harford speaks to David Spiegelhalter, Winton professor of risk at the University of Cambridge.

How safe are smart motorways? Many listeners have concerns that they seem more dangerous than conventional motorways. We take a look at the numbers.

What proportion of adults in England have been vaccinated? Listeners have spotted a potential discrepancy in the public data online.

Are 80% of women wearing the wrong size bra? This frequently repeated statistic has been around for decades – could it possibly be true?

**SUN 20:30 Last Word (m000wtss)**

Lee Evans (pictured), Yuan Longping, Bill McCall, Alix Dobkin

Matthew Bannister on

Lee Evans, the world-record-breaking American sprinter who took part in black power protests at the 1968 Mexico Olympics.

Yuan Longping, the plant scientist who developed hybrid varieties of rice that increased yields dramatically and so saved millions from hunger.

Bill McCall, the General Secretary of the Institution of Professional Civil Servants who challenged Margaret Thatcher over union recognition at GCHQ.

Alix Dobkin, the folk singer and lesbian activist who performed to women-only audiences.

Producer: Neil George

Interviewed guest: Tommie Smith  
Interviewed guest: Professor Douglas Hartmann  
Interviewed guest: Keith Bradsher  
Interviewed guest: Charles Harvey  
Interviewed guest: Liza Cowan

Archive clips used: Athletics, 400 Metres Final: BBC One, TX 18.10.1968; A Classless Civil Service: Radio 3, TX 10.7.1968; BBC News: BBC One, TX 28.2.1984

**SUN 21:00 Money Box (m000wvpy)**

[Repeat of broadcast at 12:04 on Saturday]

**SUN 21:25 Radio 4 Appeal (m000wvvy)**

[Repeat of broadcast at 07:54 today]

**SUN 21:30 Analysis (m000wrnx)**

Funny Money

What is the money in your pocket really worth?

Come to think of it now we're virtually cashless, do you even keep money in your pocket?

Maybe you're worried about the growth of government debt during the pandemic you now store your wealth in commodities such as gold or silver? Or maybe you're a fan of another asset class: bitcoin. Are cryptocurrencies the future of money or a giant bubble waiting to burst?

Why are governments and companies such as Facebook so interested in developing their own digital currencies?

Fifty years on from the 'Nixon Shock', when President Richard Nixon changed global currencies forever by taking the US off the gold standard, the BBC's Ben Chu is on a mission to find out what money means to us today.

Where does its value come from in this increasingly online world? Are we witnessing a revolution in the transfer of value

into the metaverse? And how should make sense of this funny money business?

Guests include:

Historian Niall Ferguson

Economist and academic Stephanie Kelton

Investor Daniel Maegaard

Investment strategist Raoul Pal

Financial commentator Peter Schiff

Economist Pavlina Tcherneva

Producer Craig Templeton Smith  
Editor Jasper Corbett

**SUN 22:00 Westminster Hour (m000wvxd)**

Radio 4's Sunday night political discussion programme.

**SUN 23:00 The Film Programme (m000wsy2)**

Ousmane Sembene

With Antonia Quirke.

Ousmane Sembene has been called the father of African Film, single-handedly starting a movie industry in Senegal. As his 1968 film *Mandabi* is re-released, Samba Gadjigo and Jason Silverman, who saved the print from destitution, reveal how a life-threatening injury as a dock worker changed the course of Sembene's life.

The Godfather changed the course of film history, its huge success helped to usher in a new generation of directors, the so-called Movie Brats, like Steven Spielberg and George Lucas. But what if Francis Ford Coppola had never made the movie, which was a distinct possibility, as he was not the first filmmaker to be approached by the studio. Originally they wanted Lewis Gilbert, the director of *Alfie*, to helm the most American of crime sagas. From the archives, he reveals why this was an offer that he could resist.

Nick Woollage is an award winning music producer, mixer and engineer. He shares some secrets from the mixing desk, letting us behind the scenes of scores for *Atonement*, *Paddington 2* and *How To Train Your Dragon: The Hidden World*.

How did an aristocratic calypso singer from Denmark end up as the star of Robert Altman's *The Long Goodbye*? Writer Nat Segnit investigates the case of Nina Van Pallandt.

Ousmane Sembene photo credit: Thomas Jacob.

**SUN 23:30 Something Understood (b04gnht6)**

[Repeat of broadcast at 06:05 today]

**MONDAY 14 JUNE 2021**

**MON 00:00 Midnight News (m000wvxg)**

The latest news and weather forecast from BBC Radio 4.

**MON 00:15 Thinking Allowed (m000wsfn)**

The Handshake - Social Interaction

The handshake & social interaction. Laurie Taylor explores the history and meaning of a commonplace ritual which has played a role in everything from meetings with uncontacted tribes to political assassinations. He's joined by the paleoanthropologist, Ella Al-Shamahi, who asks what this everyday, friendly gesture can tell us about the enduring power of human contact. They're joined by Steven Shapin, Franklin L. Ford Research Professor of the History of Science at Harvard University, & author of a recent article which considers the way in which social distancing and self isolating have put us 'out of touch' with each other. As he says, COVID is a social disease, a pathological experiment on the nature of our social relations. Will it irrevocably change the way we interact with other human beings?

Producer: Jayne Egerton

**MON 00:45 Bells on Sunday (m000wvpo)**

[Repeat of broadcast at 05:43 on Sunday]

**MON 00:48 Shipping Forecast (m000wvxj)**

The latest weather reports and forecasts for UK shipping.

**MON 01:00 Selection of BBC World Service Programmes (m000wxyz)**

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 (m000wxyz)**

The latest weather reports and forecasts for UK shipping.

**MON 05:30 News Briefing (m000wxyz)**

The latest news from BBC Radio 4

**MON 05:43 Prayer for the Day (m000wxyz)**

A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good Morning.

When I'm not busy enjoying motherhood I dedicate my 'me time' to composing and singing Sikh spiritual music known as kirtans. My music is all about healing and has helped me to combat fear, anxiety and low frequency thinking.

Recently I have been working on a Sikh musical prayer that describes that moment of death as "the wind merges into the wind, the light blends into the light and the dust becomes one with the dust, no one dies, the soul is imperishable."

Like birth, death is a natural part of all life cycles and yet there is much fear attached to it. Of course no one is suggesting death is easy – especially the untimely deaths of a pandemic or the terrible Grenfell Tower Fire, which happened 5 years ago today. Such deaths are terrible and bitter.

But I wonder if we as a community can find a way to look at death differently and remove some of the dread and fear more generally around the subject. Could a new perspective give us the tools to heal when we lose someone we love and feel like we may not be able to go on?

I cannot re-call a time in my life that has been as fixated on illness and death as it is in today's Covid reality and so I let go into these words by Guru Nanak who founded the Sikh faith. He said "death would not be called bad if one knew how to truly die."

Merciful Father

Today we remember all the souls you have called home. Through tragedies like Grenfell tower, the terrible event so many will be thinking of today, or the Covid pandemic, numerous diseases, accidents or old age. Please grant them and us the strength to find peace within your will.

Waheguru

**MON 05:45 Farming Today (m000wxyz)**

The latest news about food, farming and the countryside.

**MON 05:56 Weather (m000wxyz)**

The latest weather forecast for farmers.

**MON 05:58 Tweet of the Day (b09789pb)**

Stuart Butchart on the Bronze-Winged Jacana

BirdLife International's chief scientist Dr Stuart Butchart reveals the bronze-winged jacana. He shares what he found out whilst spending three years studying them at Vembanur Lake in India, surrounded by water lilies and patiently watching on a canoe.

Producer: Eliza Lomas  
Photograph: Prerna Jane.

**MON 06:00 Today (m000wyt9)**

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

**MON 09:00 Start the Week (m000wytc)**

London - villain and victim?

Love it or hate it, London dominates the UK politically, economically and culturally. It's nearly 200 years since one critic famously described the capital as 'the Great Wen' a monstrous cyst sucking the life blood from the rest of the country. And for many that belief still stands. In The London Problem: What Britain Gets Wrong About Its Capital City the academic, and Londoner, Jack Brown untangles the complex strands of anti-London rhetoric, separating hyperbole from fact.

In 2019 the former special advisor Dominic Cummings told journalists to 'get out of London. Go and talk to people who are

not rich Remainers', feeding into another perception of the capital. But the city is far from homogenous: 40% of Londoners voted for Brexit, and the population is the most ethnically and religiously diverse and has the greatest levels of poverty, compared to the rest of the country. The writer Jennifer Kavanagh spent two years getting out and talking to people on the streets of London – from beggars, to stall owners, to entertainers to thieves. Let Me Take You By The Hand tells the stories in their own words, of those who work and live in the capital.

The German composer George Frideric Handel moved to London in 1712 and made it his home. The countertenor Iestyn Davies celebrates Handel's life in the capital, following his footsteps from his operatic triumphs in Covent Garden, past his local church in Hanover Square, to his Mayfair home. In Handel's London Altos, at King's Place on 24th June, Davies will perform a series of pieces showcasing his best work.

Producer: Katy Hickman

**MON 09:45 The Devil You Know by Gwen Adshead and Eileen Horne (m000wyt5)**

Episode 1

Leading forensic psychiatrist, Dr Gwen Adshead, has spent thirty years as a therapist in secure hospitals and prisons. In THE DEVIL YOU KNOW she introduces some of her patients - individuals shaped and scarred by their own violence - who must live with the consequences of their actions forever. With compassion and wisdom, Gwen seeks to understand terrible crimes and to offer a new approach to the concept of evil.

Early in her career, Dr Adshead starts work at Broadmoor Hospital where she comes face to face for the first time with a serial killer. He is not at all what she expected.

PART ONE - TONY

Read by Gwen Adshead  
Written by Gwen Adshead and Eileen Horne  
Abridged by Eileen Horne  
Producer: Gaynor Macfarlane

**MON 10:00 Woman's Hour (m000wyth)**

Veteran journalist Hella Pick. Domestic violence prevention

As we mark Refugee Week Emma talks to the veteran journalist Hella Pick who arrived in the UK as a child refugee from Austria - a Kindertransport survivor. In her 35 year career she's reported on everything from the assassination of President Kennedy to the closing stages of the Cold War. In her book "Invisible Walls A Journalist in Search of Her Life", she explores her life as a female journalist and her struggles with identity.

We hear many stories of domestic abuse but rarely from those who have been the perpetrators of that abuse. Today John, who's just completed a 20 week domestic violence prevention programme at the Hampton Trust, speaks out to encourage other men to notice their abusive behaviour and seek help. We also hear from Vicky Gilroy who is a facilitator on the prevention programmes at the Hampton Trust .

Presenter Emma Barnett  
Producer Beverley Purcell.

**MON 11:00 The Untold (m000wz20)**

He Won't Go To School

Andrew is a school refuser. He hasn't done a full day of school since 2019.

"He will just refuse to get dressed. He will hide under his bed. And if you physically try and get him out of the house, he is not a violent child in any way, but he will hurt you to get away from the situation."

His parents are trying to pursue their careers but, even if they can coax him through the school gates, they often get a call an hour later to pick him up.

Everyone has tried to understand why he won't go. He has recently been diagnosed with autism which may be a factor. But Andrew can't tell them. And no-one knows the answer or is suggesting a solution.

Andrew has been blissfully happy in lockdown without the option or pressure of being made to go in. What will happen when restrictions are lifted and schools open again?

Narrator: Grace Dent  
Producer: Sarah Bowen

**MON 11:30 Loose Ends (m000wytq)**

[Repeat of broadcast at 18:15 on Saturday]

**MON 12:00 News Summary (m000wz23)**

National and international news from BBC Radio 4

**MON 12:04 The Startup Wife by Tahmima Anam (m000wytz)**

Episode 6

Asha is halfway through her PhD and working on an algorithm to develop empathy in artificial intelligence. When she meets up with her high-school crush Cyrus, now a charismatic creator and celebrant of secular rituals, she sees the opportunity to adapt her research into a revolutionary new social media platform bringing meaning into millions of lives.

She also falls back in love with Cyrus and they get married in a whirlwind of passion, ambition and excitement. Together with Cyrus's best friend Jules, they are invited to join the super-cool startup incubator Utopia, and their journey through the cutting-edge world of tech innovation begins.

As their app takes off, Asha finds herself confronting challenges to her marriage, her dreams for the future and her independence, and discovers the brave new world of tech is still, like the old one, dominated by men and their ambitions.

Episode 6/10: Stretching the runway, beating the numbers and hitting the big time.

Tahmima Anam is a novelist, short-story writer and Harvard educated anthropologist. Her first novel, A Golden Age, was shortlisted for the Guardian First Book Award and the Costa First Novel Award, and won the Commonwealth Writers' Prize for Best First Book. Her other novels are The Good Muslim and The Bones of Grace. The Startup Wife owes its inspiration to her own experiences as executive director of a music technology startup founded by her husband.

Reader: Preeya Kalidas  
Abridger: Sara Davies  
Producer: Celia de Wolff  
A Pier production for BBC Radio 4

Image: Tahmima Anam  
Credit: Abeer Y. Hoque

**MON 12:18 You and Yours (m000wz25)**

Dog Theft; Grenfell Cladding; Gaming

We've reported a lot on the increase in dog thefts this past year, but what happens when you get your dog back? We hear about one dog that was reunited with its owner and the work they're doing to help their pet recover from the ordeal.

Four years after the devastating Grenfell Tower fire that killed 72 people, we report live from a housing development where, like many others around the country, fire safety issues remain unresolved.

E3 is described as the world's most influential gaming event and it concludes tomorrow. We hear some big news on the latest games, and ask why there's currently a shortage of games consoles.

Producer: Catherine Earlam  
Presenter: Winifred Robinson

**MON 12:57 Weather (m000wz27)**

The latest weather forecast

**MON 13:00 World at One (m000wz29)**

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

**MON 13:45 A History of the World in 100 Objects (b00snm1s)**

Inside The Palace: Secrets At Court (700 - 950 AD)

Maya relief of royal blood-letting

The history of the world as told through objects. This week Neil MacGregor, the Director of the British Museum, is exploring power and intrigue in the great royal courts of the world around 800 AD. Today's object offers a story of authority, pain and belief from the world of the ancient Maya. It is a limestone carving showing a king and his wife engaged in an agonising scene of ritual bloodletting. Neil describes a great city in the jungle of modern day Mexico and the culture that produced it. Virginia Fields, the expert on Maya iconography, and the psychotherapist Susie Orbach help explain an object that has the power to unsettle the modern viewer.

Producer: Anthony Denselow

**MON 14:00 Drama (m0006dkh)**

Making Peace

by Tessa Gibbs

Set in Achiltibuie in the North West Highlands, three women learn about inheritance, loss and the importance of making peace with the past - and with each other.

Kate ..... Georgie Glen  
Abbie ..... Melody Grove  
Lulu ..... Rosie Cavaliero  
Ailsa ..... Susan Jameson

A BBC Scotland production directed by Gaynor Macfarlane

**MON 14:45 The Why Factor (b0680gtx)**

Why do so many societies mark the end of childhood?

Two girls, two stories, two very different outcomes. A party for one... a painful ordeal for another.

Mike Williams asks Why societies around the world, mark a single, special day as the point when childhood ends and adulthood begins?

**MON 15:00 The 3rd Degree (m000wz2d)**

Series 11

Brasenose College Oxford

A funny, lively and dynamic quiz presented by Steve Punt and recorded on location at a different university each week, pitting three undergraduates against three of their professors. This week the show comes from the Brasenose College, Oxford.

The rounds vary between specialist subjects and general knowledge, quickfire bell-and-buzzer rounds and the Highbrow and Lowbrow round cunningly devised to test not only the students' knowledge of current affairs, history, languages and science, but also their Professors' awareness of television, sport, and quite possibly Ed Sheeran. And the Head-to-Head rounds, in which students take on their Professors in their own subjects, offer plenty of scope for mild embarrassment on both sides.

The specialist subjects this week are Philosophy, Law and Chemistry and the questions range from rocket fuel and robbing a bank to Plato and pole vault.

The other universities in this series are Southampton, Nottingham Trent, Northampton, Anglia Ruskin and Cumbria.

Producer: David Tyler  
A Pozzitive production for BBC Radio 4

**MON 15:30 The Food Programme (m000ywj)**

[Repeat of broadcast at 12:32 on Sunday]

**MON 16:00 School for Communists (m000wrsn)**

A witty and surprising personal view of communism from Alexei Sayle, whose parents were Communists and took him on holidays to the Eastern bloc during the Cold War. Alexei soon rejected their brand of left wing politics - and became a Maoist. He says, "I'm a Marxist-Leninist survivor!"

Alexei meets children's author Michael Rosen, and shares memories of growing up in Jewish Communist homes.

He also meets Tom Bell, a former member of the London Recruits, who was sent to apartheid South Africa to work for the ANC and the South African Communist Party. While Nelson Mandela and others were jailed, Tom and others worked under cover, risking arrest and death.

The current General Secretary of the Young Communist League, Johnny Hunter, explains why they have returned to the Hammer and Sickle, love pictures of Che Guevara and want the destruction of capitalism.

The Young Communist League is a democratic organisation for people under 30, founded in 1921 as the youth wing of the Communist Party of Great Britain. They describe themselves as "Britain's biggest organisation of revolutionary young people - fighting for a society that provides for workers and young people, not big business". They want a revolutionary transformation of society - an end to poverty, unemployment, destruction of the environment, exploitation and division, including oppression based on gender, race and sexual orientation.

In the 1930s, many League members volunteered to join the International Brigades and fight for the Spanish Republic against Franco.

In the 1960s, the YCL helped establish the Campaign for Nuclear Disarmament, and organised medical aid and hundreds of bicycles to support Vietnam against the United States.

A Perfectly Normal production for BBC Radio 4

**MON 16:30 The Digital Human (m000wz2h)**

Series 20

14/06/2021

Aleks Krotoski explores the digital world.

**MON 17:00 PM (m000wz2k)**

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

**MON 18:00 Six O'Clock News (m000wz2m)**

The latest national and international news from BBC Radio 4.

**MON 18:30 I'm Sorry I Haven't A Clue (m000wz2p)**

Series 75

Episode 1

The 75th series of Radio 4's multi award-winning 'antidote to panel games' promises yet more quality, desk-based entertainment for all the family. The series comes from the hallowed Radio Theatre in Broadcasting House but with a 1000-strong remote audience drawn exclusively from the South of England. For this show, regular panellists Tony Hawks and Marcus Brigstocke are joined by first-timers Vicki Pepperdine and Henning Wehn, with Jack Dee as the programme's reluctant chairman. Regular listeners will know to expect inspired nonsense, pointless revelry and Colin Sell at the piano. Producer - Jon Naismith. It is a BBC Studios production.

**MON 19:00 The Archers (m000wytm)**

Brian is on the warpath and Joy makes an unfortunate mistake.

**MON 19:15 Front Row (m000wytp)**

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

**MON 19:45 The Art of Innovation (m0009371)**

Art as Protest

Sir Ian Blatchford, Director of the Science Museum Group, and the Science Museum's Head of Collections, Dr Tilly Blyth, continue their series exploring how art and science have inspired each other from the Enlightenment to dark matter.

They focus on the anarchic and furious response to the devastation and trauma of the First World War by the 20th century's most extreme art movement - Dada. It used noise, cut ups and chaos to feign the irrational and repudiate mechanised warfare.

As Ian reveals, the outrage at the senseless slaughter led many Dadaists to opt for violent and fragmented depictions of a mechanised society, expressed potently in the work of Berlin based Dadaist Otto Dix. His Card Players in which disfigured war veterans have their limbs replaced with contorted versions of prosthetic limbs, amounts to one of the most significant anti-war works by a German artist.

With an urgent need to turn around the ailing post war German economy, new efficient instruments of work for the many physically injured war veterans became a priority. As artificial limbs held in the Science Museum Group's collection reveal, new multifunctional arms and legs literally plugged a worker into his work station like a semi optimised new part, leading many to question whether technological advance was a confinement, or a truly liberating force.

Producer Adrian Washbourne

Produced in partnership with The Science Museum Group

Photograph (C) Scottish National Gallery

**MON 20:00 Return to the Homeless Hotel (m000wytr)**

A year after rough sleepers were given emergency accommodation during the first coronavirus lockdown, has the unprecedented operation had a lasting impact?

In March 2020, Simon's life was transformed, from sleeping in shop doorways in Manchester to an en suite room at the Holiday Inn. He was one of thousands of homeless people across the country offered somewhere to stay as the Covid-19 pandemic reached the UK. The highs and lows of Simon's experience

were captured in Radio 4's The Homeless Hotel as he dealt with the challenges of his addictions, illness, and the fear of ending up back on the streets.

In Return to the Homeless Hotel, reporter Simon Maybin asks where Simon is now. What's happened to the hotel? And has the radical approach to accommodating people who are street homeless resulted in a radical reduction of rough sleepers - or a return to the status quo?

Reporter/producer: Simon Maybin

**MON 20:30 Analysis (m000wytt)**

Marvellous Medicine

Most of us were blindsided by the novel virus SarsCov2, but infectious disease experts had been warning about the possibility of a global pandemic for some years. For them it was never a matter of if, but when. What did come as a surprise was the speed of scientific progress to fight Covid 19. The first effective vaccine, from Pfizer/BioNTech, was developed in under 300 days, followed in successive weeks by Moderna and Oxford/AstraZeneca. The results of the UK's RECOVERY trial, which was organised in a matter of weeks, has saved an estimated million lives worldwide by identifying which treatments are effective in treating Covid 19. And regulators around the globe, like Britain's MHRA, are using innovative programmes to get medical products to people faster. During the pandemic, the world witnessed how fast medicine can advance with an abundance of cash and collaboration. Is progress at this speed and cost sustainable? Sandra Kanthal asks if drug development is something which should still take decades, or have we learned how to permanently accelerate the process?

Producer and Presenter Sandra Kanthal  
Editor Jasper Corbett

**MON 21:00 Adults, Almost (m000wrk2)**

Frank and fearless teenagers from Company Three youth theatre spent 2020 making a time capsule of their lives in lockdown, from the day their schools shut down to the present. Recording on their phones, they created lively, intimate scenes from family life, reflecting on what it means to come of age without the usual rites of passage like exams and school leaving parties. They have lost much - but, as the year went on, they found sides to themselves that took them by surprise, and a new appreciation of relationships with others.

Presented by Kezia Adewale and Shilton Freeman, the programme includes songs, jokes, sound recordings and thoughts from many other members of Company Three.

With thanks to Angie Peña Arenas, project manager for Company Three.

Sound design and original music by Jon Nicholls.

Produced by Monica Whitlock.

(image of Kezia Adewale with members of the youth theatre. Photo Credit: James Bellorini for Company Three.)

**MON 21:30 Start the Week (m000wytc)**

[Repeat of broadcast at 09:00 today]

**MON 22:00 The World Tonight (m000wytx)**

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

**MON 22:45 The Startup Wife by Tahmina Anam (m000wytz)**

[Repeat of broadcast at 12:04 today]

**MON 23:00 It's Funny and It's True (b08yn1xx)**

Series 1

Episode 1

Comedy is at its most powerful when it takes on our darkest fears and hardest times, and transforms them into laughter. Julia Sutherland looks into the corners of fellow stand up comedians' lives - performers who have chosen to share their deeply personal stories on stage to give a voice to issues otherwise overlooked. They have overcome their troubles and empowered themselves and many others to laugh at the things you're not supposed to laugh at.

Through comedy, Julia shows that sometimes it's OK not to be OK.

In this first episode, Julia meets Janey Godley. Brought up in near-Dickensian squalor in the tough East End of Glasgow,

Janey has faced sexual abuse, murder within the family, violence, sectarianism and more. She has coped with everything her life has thrown at her by turning each challenge and tragedy into hilarious stand-up comedy. Her own empowerment has given a voice to thousands of others by shattering taboos and breaking emotional shackles.

Julia also meets Heather Ross, who has toured the world with her show Rape is Real and Everywhere. Through her stand-up she has touched the lives of thousands of people who have had similar experiences, and has found relief in sharing her candid account and extremely dark humour. This is a very personal story told from a unique point of view.

A Dabster production for BBC Radio 4

**MON 23:30 Today in Parliament (m000wv1)**  
Today in Parliament

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

**TUESDAY 15 JUNE 2021**

**TUE 00:00 Midnight News (m000wv3)**  
The latest news and weather forecast from BBC Radio 4.

**TUE 00:30 The Devil You Know by Gwen Adshead and Eileen Horne (m000wv5)**  
[Repeat of broadcast at 09:45 on Monday]

**TUE 00:48 Shipping Forecast (m000wv8)**  
The latest weather reports and forecasts for UK shipping.

**TUE 01:00 Selection of BBC World Service Programmes (m000wv9)**  
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 (m000wv4)**  
The latest weather reports and forecasts for UK shipping.

**TUE 05:30 News Briefing (m000wv6)**  
The latest news from BBC Radio 4

**TUE 05:43 Prayer for the Day (m000wv7)**  
A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good Morning.

The worldwide suicide rate yearly is about 800,000 and of that, around 135,000 are residents of India. The most vulnerable group are the Indian farmers with 35 daily suicides in Punjab alone.

In September of 2020 the Indian government passed three new farm laws that many see as serving corporate interests instead of protecting the farmers. This led to a peaceful protest that saw farmers in every state march towards Delhi in the hundreds of thousands.

Thankfully celebrities and activists like Rihanna and Greta Thunberg took to their social media to speak out for the farmers, a large number of which are elderly. Young activists have been affected too. The Punjab and Haryana High Court asked the Haryana state police to explain the illegal confinement of a young Indian female activist, Nodeep Kaur after the chief justice received emails alleging torture in custody. Millions have supported the farmers.

The farmers protest continues to grow with more farmers joining the cause, choosing to brave out extreme conditions, India's covid variant and death rather than returning home to – according to Indian opposition parties - an inevitable death sentence.

Creator of the universe, protector of the weak, grant us the patience to listen to other people's pain, to look at their suffering instead of looking away. To be a voice for the oppressed and strength in their times of weakness. May we look upon all of humanity with compassion so that we can better serve all creation.

Waheguru

**TUE 05:45 Farming Today (m000wv1)**  
The latest news about food, farming and the countryside.

**TUE 05:58 Tweet of the Day (b04mlyz)**  
Great Snipe

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

Chris Packham presents the superbly camouflaged great snipe of Eastern Europe. A thin drizzle of tinkling notes mingled with rhythmic tapping drifts across a Polish marsh in spring a sign that great male snipes are displaying. Great snipe are wading birds with short legs and very long two-toned bills, which they use to probe bogs and wet ground for worms. Across much of Europe having newly returned from its sub-Saharan wintering grounds a number of northern and eastern European marshes, set stage as breeding sites for the larger, great snipe. They court females at traditional lekking or displaying grounds where several males vie for attention. Perched on a small mound, males gather at sunset to fan their white outer tail feathers, puff out their chests and produce a medley of very un-wader-like calls. The females, looking for a mate, are attracted to the dominant males at the centre of the lek.

**TUE 06:00 Today (m000wv4)**  
News and current affairs, including Sports Desk, Weather and Thought for the Day.

**TUE 09:00 The Long View (m000wv6)**  
Jonathan Freeland and guests take the long view of iconoclasm. As the Church of England reflects on the status of some of its monuments and memorials in the light of recent debates about empire, race and war, The Long View goes back to the Reformation of the 1500s to see what parallels and lessons it might offer.

Producer Neil McCarthy

**TUE 09:30 A Show of Hands (m000wv8)**  
Creativity

We use our hands to explore the world around us; to manipulate and change it; to communicate; to signify aggression, submission or gratitude; to comfort or arouse; to make music, craft and create. We point, punch, tweak and text. We ball our fists, spread our palms, give someone the thumbs up and close our hands in prayer.

More than anything else, is it our hands which make us human?

In this series considers the human hand from five quite different angles: manipulation, creativity, gesture, communication and touch. In each programme we hear from people who have a very particular perspective on hands and the way we use them, including a dancer, a surgeon, a massage therapist, a priest and the recipient of a hand transplant. Each of them takes a long look at their own hands, describes what they see and considers the relationship with the world which their hands give them.

As we encounter healing hands, steady hands, talking hands, holding hands and the laying-on of hands we come to understand just how much our hands identify and define us.

The second episode explores the way we use our hands to craft and create. We hear from world renowned harpist Catrin Finch who's spent a lifetime training her fingers in the extraordinary dexterity, deftness and grace her instrument requires.

Alex Pole began his career as a jeweller but is now a renowned blacksmith, crafting kitchen tools, knives and axes. He explains how his hands have to wield a hammer with accuracy and sensitivity as well as strength. They also need resilience as they withstand twenty thousand impacts a day.

Alex's hands are one of the subjects of photographer Tim Booth's project 'A Show of Hands'. For more than two decades, starting with his own grandmother's, Tim has photographed the hands of dozens of people, from miners to mechanics, sportsmen and women to rock stars, mountaineers to gravediggers. He considers what our hands say about our skills, our lives and our sense of self.

Producer: Jeremy Grange

Photograph courtesy of Tim Booth - 'A Show of Hands' Project

**TUE 09:45 The Devil You Know by Gwen Adshead and Eileen Horne (m000wv2)**  
Episode 2

Leading forensic psychiatrist, Dr Gwen Adshead, has spent thirty years as a therapist in secure hospitals and prisons. In THE DEVIL YOU KNOW she introduces some of her patients - individuals shaped and scarred by their own violence - who must live with the consequences of their actions forever. With compassion and wisdom, Gwen seeks to understand terrible

crimes and to offer a new approach to the concept of evil.

In Broadmoor, Dr Adshead has an unexpected reaction to a patient.

PART TWO - KEZIA

Read by Gwen Adshead  
Written by Gwen Adshead and Eileen Horne  
Abridged by Eileen Horne  
Producer: Gaynor Macfarlane

**TUE 10:00 Woman's Hour (m000wvz)**  
Women's voices and women's lives - topical conversations to inform, challenge and inspire.

**TUE 11:00 The Blind Astronomer (m000wvz)**  
This is the story, and the sound, of Puerto Rican scientist Wanda Diaz-Merced, who is revolutionising astronomy by turning data from space into audio that can be explored by ear.

This process, 'sonification', is not only making the universe accessible to people with visual disabilities, it takes advantage of the human ear's ability to explore vast ranges of data and spot patterns that could be missed by other means. It's already proved its worth scientifically, with discoveries being made that are complementary to those found by traditional analysis.

Growing up, Wanda was always focused on a career in science, but when she began losing her sight at university, she realised that most areas of science were becoming impossible for her.

An epiphany came when she encountered NASA's Radio Jove and was able to hear the sound of radiation from the Sun. She knew immediately that this was her new direction, but also that if she wanted astronomy to develop into audio, she was going to have to make it happen herself.

Her drive and ambition led to her working with NASA, followed by a doctorate in computer science, so as to learn and experiment with creating tools that would allow astronomers to analyse data by simply listening to it.

Having achieved success and recognition for her work over several years, her next project takes her into one of the hottest areas of current astronomy, the hunt for gravitational waves. These tiny ripples in space-time were found for the first time only in 2015. As technology improves, more signals will be detected but these will be surrounded by masses of non-gravitational wave signals. The human ear is better than any computer at categorising these signals, so through a huge citizen science project, Reinforce, Wanda and her team aim to work with many thousands of volunteers to listen to and analyse reams of data, to help progress this new area of science. The future, as Wanda says, is not just about sound, or vision, it is multisensory – the more senses we can use to explore the world, the more we discover.

Contributors to the programme are: Wanda Diaz Merced, Professor Steve Brewster (University of Glasgow), Professor Martin Hendry (University of Glasgow), Professor Katrien Kolenberg, and Grant Miller (Zooniverse/Oxford University).

Specially composed music: Thomas Hoey

Presenter: Kate Molleson

Producer: Anne McNaught

**TUE 11:30 Guide Books (m000wvzj)**  
The Body with Sinéad Gleeson and Sarah Perry

A new series about how books might help us navigate everyday life, presented by writer and broadcaster Damian Barr.

Each episode takes a life experience - such as grief - and talks to writers about they handle it through their own reading, writing and lived experience. We explore the fiction, non-fiction, memoir and poetry that might help us better understand our own stories.

In today's episode we explore books that help us understand our relationship with our bodies, especially in this moment - as many of us are faced with transitioning back into public space after a year lived on screens and physically separated from one another. And in a time when many are dealing with anxieties around sickness or are living with its effects.

Damian's guests are Sarah Perry (The Essex Serpent; Melmoth; Essex Girls) and Sinéad Gleeson (Constellations: Reflections from Life). They discuss books by Maggie Nelson, Lucy Grealy, Sean Hewitt, Audre Lorde, Adrienne Rich, Anne Carson and Edwin Morgan.

Produced by Mair Bosworth



(Damian Barr Portrait by Andrew Hasson)

**TUE 12:00 News Summary (m000wyzm)**

National and international news from BBC Radio 4

**TUE 12:04 The Startup Wife by Tahmina Anam (m000wyzp)**

Episode 7

Asha is halfway through her PhD and working on an algorithm to develop empathy in artificial intelligence. When she meets up with her high-school crush Cyrus, now a charismatic creator and celebrant of secular rituals, she sees the opportunity to adapt her research into a revolutionary new social media platform bringing meaning into millions of lives.

She also falls back in love with Cyrus and they get married in a whirlwind of passion, ambition and excitement. Together with Cyrus's best friend Jules, they are invited to join the super-cool startup incubator Utopia, and their journey through the cutting-edge world of tech innovation begins.

As their app takes off, Asha finds herself confronting challenges to her marriage, her dreams for the future and her independence, and discovers the brave new world of tech is still, like the old one, dominated by men and their ambitions.

Episode 7/10: To change the world, first you have to reach the world.

Tahmina Anam is a novelist, short-story writer and Harvard educated anthropologist. Her first novel, *A Golden Age*, was shortlisted for the Guardian First Book Award and the Costa First Novel Award, and won the Commonwealth Writers' Prize for Best First Book. Her other novels are *The Good Muslim* and *The Bones of Grace*. The *Startup Wife* owes its inspiration to her own experiences as executive director of a music technology startup founded by her husband.

Reader: Preeya Kalidas  
Abridger: Sara Davies  
Producer: Celia de Wolff  
A Pier production for BBC Radio 4

Image: Tahmina Anam  
Credit: Abeer Y. Hoque

**TUE 12:18 You and Yours (m000wyzr)**

News and discussion of consumer affairs

**TUE 12:57 Weather (m000wyzt)**

The latest weather forecast.

**TUE 13:00 World at One (m000wyzw)**

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

**TUE 13:45 A History of the World in 100 Objects (b00snlwf)**

Inside The Palace: Secrets At Court (700 - 950 AD)

Harem wall painting fragments

Neil MacGregor's world history as told through objects at the British Museum. This week, he is exploring life and intrigue in the great courts of the world at the same time as the European medieval period. Today he is with the women of Samarra in Iraq. This ancient city, north of Baghdad, was once home to the Abbasid court and was one of the great Muslim capitals of the world. Portraits from a mural in the palace harem offer a vivid insight into the lives of the rulers and the slave women whose job was to entertain them. What was life really like in this great court?

The historian Robert Irwin, an expert on the tales of the Arabian Nights, looks at how the reality of life in the harem matches the sensual fantasy that has become associated with the period. And Amira Bennison, of Cambridge University, explains what conditions were like for the women of the harem and the qualifications they needed just to get there.

Producer: Anthony Denselow

**TUE 14:00 The Archers (m000wytm)**

[Repeat of broadcast at 19:00 on Monday]

**TUE 14:15 Drama (m000615s)**

Baselines

A drama by Mark Lawson exploring the challenges of the changing gender identity landscape for sport's governing bodies.

In recent decades, identity categories of all kinds have come to seem fragile and unsettled. Identity has become much more complex, fluid, and fragmented. As new categories have proliferated and old categories have come to seem ill fitting, we increasingly face uncertainties and ambiguities in identifying ourselves and categorising others.

Baselines considers whether male athletes transitioning to become women have an unfair advantage over born women due to their residual muscle density and larger physiques. And if so, how are governing bodies in sport to legislate to ensure a level playing field for all?

Cast:  
Peter/PJ Reany.....Rosie Sheehy  
Sheila Reany.....Haydn Gwynne  
David Harvey-Lane.....Dermot Crowley  
Rachel Du Prez.....Kerry Fox  
Andy Terrister.....Tom Glenister  
Kevin Hunter/Umpire/Sports Presenter.....Adrian Decosta  
Letitia Ingrams/Commentator/Testing Woman.....Marième Diouf

Written by Mark Lawson  
Directed by Eoin O'Callaghan  
A Big Fish Radio production for BBC Radio 4

**TUE 15:00 Short Cuts (m000wyzx)**

Land

Josie Long presents short documentaries and audio adventures about our connection to the land. The devastation of bushfires in south eastern Australia, the significance of the acorn for tribal members from the Konkow Nisenan Maidu Nations, and the storyteller Richard O'Neill on the stopping places woven into the British landscape.

Then came the birds  
Featuring Alice Ansara  
Produced by Sarah Mashman  
Winner of the HearSay Audio Prize 'Provoke' Award 2021

Our rocks are alive  
Featuring Alicia Potts  
Singing by Chance Adams-Zavalla  
Co-produced by Michelle Macklem, Alicia Potts and Zoe Tennant

Listen to the land  
Featuring Richard O'Neill

Photo credit: Tiffany Adams

Production Team: Eleanor McDowall and Alia Cassam  
Produced by Andrea Rangecroft  
Executive Producer: Zakhia Sewell  
A Falling Tree production for BBC Radio 4

**TUE 15:30 Made of Stronger Stuff (p096h9kn)**

The Spine

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, Kimberley and Xand pull their shoulders back and examine the spine.

They debunk some myths about contortionists' spines, ask whether standing tall can really improve your confidence, and explore how we can change our relationship with pain.

Producer: Dan Hardoon  
Executive Producer: Kate Holland  
A Whistledown Production for BBC Radio 4

**TUE 16:00 Law in Action (m000wz02)**

Covid penalties

Thousands of people have received fixed penalty notices for breaching Covid-19 restrictions, even though no offence had actually been committed in their cases. Yet there is no appeals procedure, and not paying the fines risks a criminal record. So what should happen with them?

Sir Geoffrey Vos, the master of the rolls and head of civil justice, reveals how new online systems are increasingly doing away with the need to go to court.

The legal profession used to be dominated by middle-aged, middle-class, white men, but that has been changing, and this year I. Stephanie Boyce became the first person of colour to be elected president of the Law Society, the professional body for solicitors in England and Wales. What are her priorities for her tenure?

The recent quashing of the convictions for theft and false accounting of 39 sub-postmasters after Britain's biggest

miscarriage of justice has laid open the world of private criminal prosecutions. It was not the Crown Prosecution Service that took the sub-postmasters to court, but the Post Office itself. Should private prosecutions now be regulated?

Presenter: Joshua Rozenberg  
Producer: Arlene Gregorius  
Researcher: Diane Richardson

**TUE 16:30 A Good Read (m000wz04)**

Jason Watkins & Yasmin Alibhai-Brown

Jason Watkins chooses Vladimir Nabokov's *Laughter in the Dark* as his good read, and Yasmin Alibhai-Brown champions a book with some similar themes, *The Awakening* by Mary Chopin. Harriett's selection is *The People on Privilege Hill*, Jane Gardam's book of short stories.

Join in the conversation on Instagram: agoodreadbbc

Producer Sally Heaven

**TUE 17:00 PM (m000wz06)**

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

**TUE 18:00 Six O'Clock News (m000wz08)**

The latest national and international news from BBC Radio 4.

**TUE 18:30 Ed Reardon's Week (m000wz0b)**

Series 14

You're Cancelled

Episode 2: You're Cancelled

When he is cancelled by his podcast platforms, Ed's son Jake tries to enlist his fathers' help, egged on by Ed's writing class who insist he and Jake could be like 'those two Whitehall fellas'. Ed however is distracted when an unexpected meeting leads to the renewal of his acquaintance with his ex-partner, Maggie, who is now on probation for yarn bombing the Town Hall on election night.

Cast list ep 2  
Ed Reardon.....Christopher Douglas  
Jake.....Sam Pamphillan  
Maggie.....Pippa Haywood  
Ping.....Barunka O'Shaughnessy  
Stan.....Geoffrey Whitehead  
Pearl.....Brigit Forsyth  
Olive.....Stephanie Cole  
Bus Driver.....Simon Greenall

Written by Andrew Nickolds and Christopher Douglas  
Produced by Dawn Ellis  
Production Co-ordinator Cherylann Andrew-Wilfred  
A BBC Studios Production

**TUE 19:00 The Archers (m000wz0d)**

Adam struggles with the consequences of his actions and Lynda does some digging.

**TUE 19:15 Front Row (m000wz0g)**

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

**TUE 19:45 The Art of Innovation (m000936t)**

Humans in the Industrial Machine

Sir Ian Blatchford and Dr Tilly Blyth continue their series exploring how art and science have inspired each other, focussing on anxieties of production control in the industrial age.

LS Lowry's *A Manufacturing Town*, along with his many other Lowryscapes, are famously ambiguous in his desire to put the Manchester industrial scene on the map. But the repetition, routine and the gaze of the factory clock is hard to escape.

Tilly examines an early 19th century attempt at production control – the Park Green silk mill clock, one of whose two clock dials dictated the worker's working hours by being directly tied to the line shaft of the mill's water wheel – offering relentless, structured repetitive control, much as Lowry's painting reflects.

But rather than pressing workers from behind, could industrial efficiency be improved by easing difficulties which might confront them? Tilly examines the impact of early psychological recruitment tests that were gaining traction at the time Lowry began his famous Lowryscapes. The tests may have

acknowledged that humans weren't machines, but the ultimate goal was improved productivity.

Producer Adrian Washbourne

Produced in partnership with The Science Museum Group

Photograph (C) The Science Museum Group

**TUE 20:00 File on 4 (m000wz0j)**

Award-winning current affairs documentary series

**TUE 20:40 In Touch (m000wz0l)**

News, views and information for people who are blind or partially sighted

**TUE 21:00 All in the Mind (m000wz0n)**

Programme exploring the limits and potential of the human mind. Producer: Deborah Cohen.

**TUE 21:30 The Long View (m000wz06)**

[Repeat of broadcast at 09:00 today]

**TUE 22:00 The World Tonight (m000wz0q)**

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

**TUE 22:45 The Startup Wife by Tahmima Anam (m000wz0p)**

[Repeat of broadcast at 12:04 today]

**TUE 23:00 Fortunately... with Fi and Jane (m000wz0s)**

193. Carcassonne in Platform Shoes, with novelist Kate Mosse

This week on Fortunately, Fi and Jane chat to novelist Kate Mosse. The author of 'Labyrinth' and 'Sepulchre' joins the podcast to discuss her memoir on caring, 'An Extra Pair of Hands', which talks about her experience as a carer in a multi-generational household. Kate also offers a lesson on French etymology and the three of them choose a soundtrack for the BBC's home for the infirm and impartial. Before Kate there's clean steps, old shorts and a skip arriving imminently.

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

**TUE 23:30 Today in Parliament (m000wz0v)**

Today in Parliament

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

**WEDNESDAY 16 JUNE 2021**

**WED 00:00 Midnight News (m000wz0y)**

The latest news and weather forecast from BBC Radio 4.

**WED 00:30 The Devil You Know by Gwen Adshead and Eileen Horne (m000wz0z)**

[Repeat of broadcast at 09:45 on Tuesday]

**WED 00:48 Shipping Forecast (m000wz12)**

The latest weather reports and forecasts for UK shipping.

**WED 01:00 Selection of BBC World Service Programmes (m000wz16)**

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 (m000wz1b)**

The latest weather reports and forecasts for UK shipping.

**WED 05:30 News Briefing (m000wz1h)**

The latest news from BBC Radio 4

**WED 05:43 Prayer for the Day (m000wz1l)**

A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good morning.

A great deal of Sikh history is soaked in sacrifice.

Guru Arjun Ji was the 5th Sikh Guru and the first martyr. In the mid-1500s Sikhism was rapidly growing because it promoted

equality between men and women, there were no superstitious religious practices and no caste system.

Guruji became a target as other religious leaders saw their power base rapidly declining.

As worshippers flocked to the Golden Temple in Amritsar, Guru Arjun began to compile all the writings of the past Gurus into one Holy Scripture, now known as the Sri Guru Granth Sahib Ji. Guruji also included the compositions of both Hindus and Muslim saints which were true expressions of God's love.

In 1606, Emperor Jahangir would order the arrest and torture of Guru Arjun who was made to sit on a burning iron plate while hot sand was poured over him.

Pir Mian Mir, a respected Muslim Sufi saint and Guruji's friend wanted to intervene and help but Guruji stopped him and replied;

"All is happening in accordance with the will of Waheguru. Men who stand for truth have to suffer often. Their sufferings give strength to the cause of truth. The true test of faith is in the hour of misery. Without examples to guide them, ordinary people's minds would tremble in the midst of suffering."

After five days of barbaric torture, Guruji was taken for a bath in the river. Thousands watched as he entered the river never to be seen again. His sacrifice changed the course of Sikhism forever.

Compassionate Lord

In the hour of misery, Guru Arjun Ji loved you more. May our faith remain steadfast even in the midst of suffering.

Waheguru

**WED 05:45 Farming Today (m000wz1q)**

The latest news about food, farming and the countryside.

**WED 05:58 Tweet of the Day (b09013nj)**

Frank Gardner on the Great Northern Diver

In the first of five Tweet of the Days this week, the BBC's security correspondent Frank Gardner recalls listening to great northern divers on television programme by Ludwig Koch, as a boy.

Tweet of the Day has captivated the Radio 4 audience with its daily 90 seconds of birdsong. But what of the listener to this avian chorus? In this new series of Tweet of the Day, we bring to the airwaves the conversational voices of those who listen to and are inspired by birds. Building on the previous series, a more informal approach to learning alongside a renewed emphasis on encounter with nature and reflection in our relationship with the natural world.

Producer: Tom Bonnett.

**WED 06:00 Today (m000wz3x)**

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

**WED 09:00 More or Less (m000wz3z)**

Tim Harford explains the numbers and statistics used in everyday life.

**WED 09:30 Four Thought (m000wz41)**

Thought-provoking talks in which speakers explore original ideas about culture and society

**WED 09:45 The Devil You Know by Gwen Adshead and Eileen Horne (m000wz43)**

Episode 3

Leading forensic psychiatrist, Dr Gwen Adshead, has spent thirty years as a therapist in secure hospitals and prisons. In THE DEVIL YOU KNOW she introduces some of her patients - individuals shaped and scarred by their own violence - who must live with the consequences of their actions forever. With compassion and wisdom, Gwen seeks to understand terrible crimes and to offer a new approach to the concept of evil.

Gwen is working for the family court when she assesses a young mother.

PART THREE- SHARON

Read by Gwen Adshead

Written by Gwen Adshead and Eileen Horne

Abridged by Eileen Horne

Producer: Gaynor Macfarlane

**WED 10:00 Woman's Hour (m000wz45)**

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

**WED 11:00 Return to the Homeless Hotel (m000wytr)**

[Repeat of broadcast at 20:00 on Monday]

**WED 11:30 Mark Steel's in Town (b09jvgh)**

Series 8

Portishead

Mark Steel's In Town - Portishead

"When the siren sounds - Go in, close doors and windows and stay in"

Mark Steel with 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 the local residents.

In this episode Mark visits Portishead in Somerset

Portishead is near Bristol, but it definitely isn't Bristol. You can get to Bristol from there if you like, but it isn't that easy. It has a lovely Marina, a boating lake, a lido and peculiar stationers shop with too many rooms. It also has a plethora of groups and societies including a marvellous bunch of people who save toads and frogs from getting run over. Oh, and newts.

Eddie Large and Mike Baldwin from Coronation Street live there as well.

\*(Not together)

Written and performed by ... Mark Steel  
Additional material by ... Pete Sinclair  
Production co-ordinator ... Hayley Sterling  
Sound Manager ... David Thomas  
Producer ... Carl Cooper

First broadcast on BBC Radio 4 in 2017.

**WED 12:00 News Summary (m000wz47)**

National and international news from BBC Radio 4

**WED 12:04 The Startup Wife by Tahmima Anam (m000wz49)**

Episode 8

Asha is halfway through her PhD and working on an algorithm to develop empathy in artificial intelligence. When she meets up with her high-school crush Cyrus, now a charismatic creator and celebrant of secular rituals, she sees the opportunity to adapt her research into a revolutionary new social media platform bringing meaning into millions of lives.

She also falls back in love with Cyrus and they get married in a whirlwind of passion, ambition and excitement. Together with Cyrus's best friend Jules, they are invited to join the super-cool startup incubator Utopia, and their journey through the cutting-edge world of tech innovation begins.

As their app takes off, Asha finds herself confronting challenges to her marriage, her dreams for the future and her independence, and discovers the brave new world of tech is still, like the old one, dominated by men and their ambitions.

Episode 8/10: Bringing Marco on board.

Tahmima Anam is a novelist, short-story writer and Harvard educated anthropologist. Her first novel, A Golden Age, was shortlisted for the Guardian First Book Award and the Costa First Novel Award, and won the Commonwealth Writers' Prize for Best First Book. Her other novels are The Good Muslim and The Bones of Grace. The Startup Wife owes its inspiration to her own experiences as executive director of a music technology startup founded by her husband.

Reader: Preeya Kalidas

Abridger: Sara Davies

Producer: Celia de Woff

A Pier production for BBC Radio 4

Image: Tahmima Anam

Credit: Abeer Y. Hoque

**WED 12:18 You and Yours (m000wz4c)**

News and discussion of consumer affairs

**WED 12:57 Weather (m000wz4f)**

The latest weather forecast

**WED 13:00 World at One (m000wz4h)**

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

**WED 13:45 A History of the World in 100 Objects (b00snm1v)**

Inside The Palace: Secrets At Court (700 - 950 AD)

Lothair Crystal

This week, Neil MacGregor is exploring life in the great royal courts around the world during Europe's medieval period. It's easy to forget that the civilisations of Tang China, the Islamic Empire and the Maya in Mesoamerica were all at their peak during this time. He is describing the life of these courts through individual objects in the British Museum's collection. In the last programme he was with the Abbasid court North of Baghdad and an exotic wall painting; today's object is an engraved rock crystal connecting a biblical tale to a real life story of royal intrigue at the heart of Europe.

The Lothair Crystal was made in the mid-ninth century and offers scenes in miniature from the biblical story of Susanna, the wife of a rich merchant who is falsely accused of adultery. The crystal was intended to exemplify the proper functioning of justice but, intriguingly, the king for whom the piece was made was himself trying to have his marriage annulled so he could marry his mistress! The historian Rosamond McKitterick explains what we know of the court of King Lothair and former senior law lord, Lord Bingham, describes the role of justice as portrayed in this exquisite work of art.

Producer: Anthony Denselow

**WED 14:00 The Archers (m000wz0d)**

[Repeat of broadcast at 19:00 on Tuesday]

**WED 14:15 The Citadel (m000wz4I)**

Series 8

Episode 1

The Citadel - EPISODE 1/2 written by Christopher Reason and Tom Needham. Based on the novel by AJ Cronin.

Today's episode is set over 24 hours, where both doctors deal with unexpected events; Dr. Denny is shocked to receive a visit from a former soldier from his past, and worries that a potential epidemic is about to strike the valley, whilst Dr. Manson finds himself in a luxurious flat with an attractive woman. (Concludes tomorrow)

Dr. Andrew Manson ..... Richard Fleeshman  
Phillip Denny ..... Matthew Gravelle  
Christine Manson ..... Catrin Stewart  
Frank Trevithick ..... Carl Prekopp,  
Arthur Greenwood ..... Conrad Nelson  
Mrs. Roberts/Receptionist ..... Kath Weare,  
Eleanor/Bronwyn ..... Emily Pithon  
Gwyneth ..... Charlotte Sienna Lee

Producers: Pauline Harris and Gary Brown  
Directed by Pauline Harris

**WED 15:00 Money Box (m000wz4p)**

Paul Lewis and a panel of guests answer calls on personal finance. Producer: Emma Rippon

**WED 15:30 All in the Mind (m000wz0n)**

[Repeat of broadcast at 21:00 on Tuesday]

**WED 16:00 Thinking Allowed (m000wz4r)**

Laurie Taylor explores the latest research into how society works.

**WED 16:30 The Media Show (m000wz4t)**

Social media, anti-social media, breaking news, faking news: this is the programme about a revolution in media.

**WED 17:00 PM (m000wz4w)**

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

**WED 18:00 Six O'Clock News (m000wz4y)**

The latest national and international news from BBC Radio 4.

**WED 18:30 Unite (m000d7jh)**

Pilot

Unite is a new sitcom starring Claire Skinner (Outnumbered), Radio 4 favourite Mark Steel (Mark Steel's in Town, The News Quiz), Mark's son Elliot Steel (Roast Battles, Comedy Central At The Comedy Store) and rapidly rising comedy star Ivo Graham (Dave's Edinburgh Comedy Award nominee 2019, Have I Got News For You)

When Tony (Mark Steel), a working-class, left wing South Londoner, falls in love and moves in with Imogen (Claire Skinner), an upper middle-class property developer, their respective millennial sons Ashley (Elliot Steel), a disenfranchised Croydon 'rude boy', and Gideon (Ivo Graham), Eton and Oxbridge-educated and crypto-currency literate, are forced to live under the same roof and behave like the brothers neither of them ever wanted.

Class, compromise, hope, desolation, love, identity, step-sibling rivalry and Crystal Palace FC are all explored in this fresh comedy.

Characters of the show Unite! You have nothing to lose but your prejudices, formed over a lifetime of living within the British class system.

Also starring:

Susannah Fielding (This Time with Alan Partridge)  
Annette Badland (Man Down)  
Simon Greenall (I'm Alan Partridge)  
Naz Osmanoglu (Horrible Histories)

Written by Barry Castagnola, Ivo Graham, Elliot Steel and Mark Steel

Producer/Director: Barry Castagnola  
Executive Producer: Mario Stylianides

A Golden Path production for BBC Radio 4

**WED 19:00 The Archers (m000wz52)**

Lilian attempts to build bridges and Helen comes clean.

**WED 19:15 Front Row (m000wz54)**

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

**WED 19:45 The Art of Innovation (m00094j8)**

Forms of Knowledge

Sir Ian Blatchford and Dr Tilly Blyth continue their series exploring how art and science have inspired each other. They focus on a unique encounter between 20th century artists and their discovery of a collection of 19th century mathematical models, once used to illustrate a new world of complex spherical geometry.

As Tilly reveals these "ruled surface" stringed models, now held in the Science Museum Group collection, as well as being educational tools had their own aesthetic appeal. For the Constructivist artists, such as Henry Moore and Barbara Hepworth, they were inspiration for new imaginative and abstract sculptural creativity.

As Ian illustrates, with a visit to Hepworth's 20 ft Winged Figure in central London, this abstract art that embraced new forms, materials and ways of constructing, became highly symbolic of the functional value for art in society. There was a strong desire for a new sense of certainty and common currency in both science and art, during the turmoil of the interwar period.

Producer Adrian Washbourne

Produced in partnership with The Science Museum Group

Photograph by Oli Scarff/Getty Images

**WED 20:00 Moral Maze (m000wz56)**

Live debate examining the moral issues behind one of the week's news stories. #moralmaze

**WED 20:45 Four Thought (m000wz4I)**

[Repeat of broadcast at 09:30 today]

**WED 21:00 Made of Stronger Stuff (p096h9kn)**

[Repeat of broadcast at 15:30 on Tuesday]

**WED 21:30 The Media Show (m000wz4t)**

[Repeat of broadcast at 16:30 today]

**WED 22:00 The World Tonight (m000wz58)**

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

**WED 22:45 The Startup Wife by Tahmima Anam (m000wz49)**

[Repeat of broadcast at 12:04 today]

**WED 23:00 Twayna Mayne: Black Woman (m000wz5b)**

7. Class

Comedian Twayna Mayne, born to Jamaican parents and raised by a white parent, explores class and her own journey from one to another via adoption. Performing at the Radio Theatre with a virtual audience, Twayna also hears from chef and broadcaster Andi Oliver and academic and podcaster Chantelle Lewis. Series 1 was awarded Best Comedy at the BBC Radio and Music Awards 2020.

The extended roundtable conversation is also available on BBC Sounds.

Written and performed by Twayna Mayne  
Roundtable guests, Andi Oliver and Chantelle Lewis  
Production coordinator, Beverly Tagg  
Producer, Julia McKenzie  
A BBC Studios Production

**WED 23:15 The Skewer (m000wz5d)**

Series 4

Episode 3

Returning to twist itself into - and remix - the news. Jon Holmes presents The Skewer.

**WED 23:30 Today in Parliament (m000wz5g)**

Today in Parliament

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

**THURSDAY 17 JUNE 2021****THU 00:00 Midnight News (m000wz5j)**

The latest news and weather forecast from BBC Radio 4.

**THU 00:30 The Devil You Know by Gwen Adshead and Eileen Horne (m000wz43)**

[Repeat of broadcast at 09:45 on Wednesday]

**THU 00:48 Shipping Forecast (m000wz5I)**

The latest weather reports and forecasts for UK shipping.

**THU 01:00 Selection of BBC World Service Programmes (m000wz5n)**

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 (m000wz5q)**

The latest weather reports and forecasts for UK shipping.

**THU 05:30 News Briefing (m000wz5s)**

The latest news from BBC Radio 4

**THU 05:43 Prayer for the Day (m000wz5v)**

A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good Morning.

Growing up in Melbourne with turban wearing Sikh brothers meant we always stood out wherever we went and yet we constantly needed to educate people about our faith.

How was it possible that the world knew about Christians, Jews, Hindus, Muslims and Buddhists and yet my community seemed to be invisible? It's somewhat laughable considering Sikh men wear turbans and have sizable beards. In fact, Sikhs were given this identity to stand out.

In 1699 during a time of Mughal oppressive rule the Tenth Guru of Sikhism, Guru Gobind Singh Ji initiated the Khalsa tradition. He expressed that his Sikhs should never cower away and must fight for equality for all, including women's rights, and freedom of religion.

The turban became a symbol of safe harbour and peace in a time of war and The Sikhs understood that to turn away someone who needed help was to turn your back on the Guru.

Today, my two long haired, top knot sons are mistakenly identified daily. I never expected my 10 year old would be

having the same challenges and conversations about his identity that I had when I was 10.

The lack of awareness is puzzling. Especially considering the enormous contribution of British Sikhs today. As a community in the UK alone, we donate £125 million to charity every year, spend over 65 million hours each year on voluntary activities and serve around 5,000 meals to non-Sikhs by Britain's 250 Sikh temples weekly. Throughout the pandemic the Sikh temples delivered thousands of meals daily to NHS staff and those most in need.

Benevolent Lord.

Provide us and our children with the resilience one needs to face all of life's challenges. Help our children to discover and connect to their divine self so that they may create a kinder world.

Waheguru

**THU 05:45 Farming Today (m000wz5x)**

The latest news about food, farming and the countryside.

**THU 05:58 Tweet of the Day (b020xvlw)**

Marsh Warbler

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

Miranda Krestovnikoff presents the Marsh Warbler. Marsh warblers are astonishing mimics and when you hear one singing you could be forgiven for thinking that there's a flock of different species in the bush.

**THU 06:00 Today (m000x0ty)**

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

**THU 09:00 In Our Time (m000x0v2)**

Edward Gibbon

Melvyn Bragg and guests discuss the life and ideas of one of the great historians, best known for his History of the Decline and Fall of the Roman Empire (published 1776-89). According to Gibbon (1737-94), the idea for this work came to him on 15th of October 1764 as he sat musing amidst the ruins of Rome, while barefooted friars were singing vespers in the Temple of Jupiter. Decline and Fall covers thirteen centuries and is an enormous intellectual undertaking and, on publication, it became a phenomenal success across Europe.

The image above is of Edward Gibbon by Henry Walton, oil on mahogany panel, 1773.

With

David Womersley

The Thomas Wharton Professor of English Literature at St Catherine's College, University of Oxford

Charlotte Roberts

Lecturer in English at University College London

And

Karen O'Brien

Professor of English Literature at the University of Oxford

Producer: Simon Tillotson

**THU 09:45 The Devil You Know by Gwen Adshead and Eileen Horne (m000x0w1)**

Episode 4

Leading forensic psychiatrist, Dr Gwen Adshead, has spent thirty years as a therapist in secure hospitals and prisons. In THE DEVIL YOU KNOW she introduces some of her patients - individuals shaped and scarred by their own violence - who must live with the consequences of their actions forever. With compassion and wisdom, Gwen seeks to understand terrible crimes and to offer a new approach to the concept of evil.

Gwen returns to Broadmoor and to facilitating group therapy for murderers.

PART FOUR : SAM

Read by Gwen Adshead

Written by Gwen Adshead and Eileen Horne

Abridged by Eileen Horne

Producer: Gaynor Macfarlane

**THU 10:00 Woman's Hour (m000x0v6)**

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

**THU 11:00 From Our Own Correspondent (m000x0xz)**

Insight, and analysis from BBC correspondents around the world

**THU 11:30 Blue: Pain and Pleasure (m000x0y1)**

Marking the 50th anniversary of the release of Joni Mitchell's seminal album Blue, Laura Marling tells the story behind the writing and recording of the album, and explains why Blue is regarded by critics as one of the greatest albums of all time.

Joni Mitchell's masterpiece was conceived and created with raw emotion at its heart and she poured everything she had into the writing and recording of her music. As Joni said at the time, "I couldn't look at people without weeping. I was just dripping in earnestness and sincerity. I realised a lot of people were listening to me, so they better find out who they're worshipping, let's see if they can take it, let's get real - so I wrote Blue, which horrified a lot of people. I just revealed human traits. When people see themselves in it the communication is complete."

Laura explains how she first became aware of Blue and describes the enormous impact the album had on her - artistically and personally. Laura will also include contributions from other fans of Joni's iconic work - including Emeli Sande, Beth Orton, Ellie Goulding, James Taylor, Graham Nash, Sharon Corr, Greta Scacchi and Seal.

A Zinc Media production for BBC Radio 4

**THU 12:00 News Summary (m000x0y3)**

National and international news from BBC Radio 4

**THU 12:04 The Startup Wife by Tahmina Anam (m000x0vs)**

Episode 9

Asha is halfway through her PhD and working on an algorithm to develop empathy in artificial intelligence. When she meets up with her high-school crush Cyrus, now a charismatic creator and celebrant of secular rituals, she sees the opportunity to adapt her research into a revolutionary new social media platform bringing meaning into millions of lives.

She also falls back in love with Cyrus and they get married in a whirlwind of passion, ambition and excitement. Together with Cyrus's best friend Jules, they are invited to join the super-cool startup incubator Utopia, and their journey through the cutting-edge world of tech innovation begins.

As their app takes off, Asha finds herself confronting challenges to her marriage, her dreams for the future and her independence, and discovers the brave new world of tech is still, like the old one, dominated by men and their ambitions.

Episode 9/10: Nobody wants to be married to the Messiah.

Tahmina Anam is a novelist, short-story writer and Harvard educated anthropologist. Her first novel, A Golden Age, was shortlisted for the Guardian First Book Award and the Costa First Novel Award, and won the Commonwealth Writers' Prize for Best First Book. Her other novels are The Good Muslim and The Bones of Grace. The Startup Wife owes its inspiration to her own experiences as executive director of a music technology startup founded by her husband.

Reader: Preeya Kalidas

Abridger: Sara Davies

Producer: Celia de Wolff

A Pier production for BBC Radio 4

Image: Tahmina Anam

Credit: Abeer Y. Hoque

**THU 12:18 You and Yours (m000x0y5)**

News and discussion of consumer affairs

**THU 12:57 Weather (m000x0y7)**

The latest weather forecast

**THU 13:00 World at One (m000x0y9)**

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

**THU 13:45 A History of the World in 100 Objects (b00snm1x)**

Inside The Palace: Secrets At Court (700 - 950 AD)

Statue of Tara

The history of the world as told through one hundred of the objects. The objects are selected from the collection of the British Museum by its director, Neil MacGregor.

This week, Neil is exploring life in the great royal courts across the world during Europe's medieval period. It's easy to forget that the civilisations of Tang China, the Islamic Empire and the Maya in Mesoamerica were all at their peak during this time and today we discover what was happening in South Asia during this period. He tells the story through a beautiful statue of the female Buddhist deity, Tara, crafted for a powerful ruler in Sri Lanka 1,200 years ago. Richard Gombrich explains what Tara means to Buddhism and the historian Nira Wickramasinghe describes the powerful interaction between Hinduism and Buddhism, India and Sri Lanka at this time.

Producer: Anthony Denselow

**THU 14:00 The Archers (m000wz52)**

[Repeat of broadcast at 19:00 on Wednesday]

**THU 14:15 The Citadel (m000x0yd)**

Series 8

Episode 2

The Citadel episode 2/2 - written by Christopher Reason and Tom Needham, based on the novel by AJ Cronin. 1930, South Wales. Dr. Manson, returns in haste from London. As Medical Officer, he enforces quarantine on a local village which doesn't go down well. And the former soldier, Trevithick, in a botched attempt to quell unresolved feelings, is rushed to hospital but with no ambulances available, it's Dr. Denny who takes him.

Dr. Andrew Manson ..... Richard Fleeshman

Phillip Denny ..... Matthew Gravelle

Christine Manson ..... Catrin Stewart

Frank Trevithick ..... Carl Prekopp

Mrs. Trevithick/Mrs. Thomas ..... Jennie Platt

Dylan Thomas ..... Luca Rawlinson

Freddy/Policeman ..... Rupert Hill

Mrs. Roberts/Mrs. Powell ..... Kath Weare

Eleanor ..... Emily Pithon

Gwyneth ..... Charlotte Sienna Lee

Producers: Pauline Harris and Gary Brown

Directed by Pauline Harris

**THU 15:00 Open Country (m000x0yg)**

Dawn on the Sea Loch

It's not yet dawn when wildlife cameraman John Aitchison strolls down to the shore where he chips off the ice on a kayak, before he can set out across the sea loch near his home in western Scotland, in search of the early signs of spring. He travels through the darkness following a trail of light caused by the reflections of the moon in the calm water. His journey takes him across the loch and along the far shoreline before he heads for an island and then returns home. As the sun rises he encounters seals and otters, watches shelduck chasing one another, listens to curlew and skylarks, and catches sight of his favourite geese: white-fronted geese which will soon leave and head to Greenland. As he paddles across the loch, John reflects on the landscape of interlocking fingers of water and rock, and on how it was formed. "How much has this landscape and its wildlife changed over time?" he wonders. As time and the seasons pass and winter changes to spring, the geese will depart and other birds will arrive - like the swallows which migrate from Africa and nest in the shed by John's home. The sea loch is a link between the north and the south, between Greenland and South Africa, between the geese and the swallows. John spotted the first two swallows arriving a few days earlier and suddenly the world seems a much smaller place and our responsibility to look after it so evident. "Imagine if the swallows didn't return", he ponders. But this year they have. The seasons are changing, and after such a long winter we can look forward to summer once again.

Presenter John Aitchison. Producer Sarah Blunt.

**THU 15:27 Radio 4 Appeal (m000wvyv)**

[Repeat of broadcast at 07:54 on Sunday]

**THU 15:30 Open Book (m000wvyv)**

[Repeat of broadcast at 16:00 on Sunday]

**THU 16:00 The Film Programme (m000x0yj)**

Stanley Tucci

Stanley Tucci: Colin And I.

**THU 16:30 BBC Inside Science (m000x0vm)**

A weekly programme that illuminates the mysteries and challenges the controversies behind the science that's changing our world.

**THU 17:00 PM (m000x0yl)**

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

**THU 18:00 Six O'Clock News (m000x0yn)**

The latest national and international news from BBC Radio 4.

**THU 18:30 Sarah Kendall: Australian Trilogy (m000x0vb)**  
Talking Story

Episode 1

Sarah Kendall started her career as a stand-up comedian in the late 90's in Australia. After 15 years performing stand-up comedy in comedy clubs and at festivals around the world, Sarah moved away from the more traditional joke telling aspect of the job and transitioned into storytelling.

Sarah wanted to create something on stage that felt like the sort of films she loved to watch, so she wrote an hour-long show that was one single story as opposed to a series of jokes and routines. She reimagined her teenage years as though they had been directed by John Hughes, giving her memories a full, cinematic makeover.

She found, in telling these personal stories, that she was connecting with her audience in a way that was more meaningful to her and in a way that she wasn't able to with the jokes and routines in her previous shows.

What is it about stories that brings people together. How do we use stories to make sense of life?

In this series, Sarah will be talking to three different storytellers about what 'story' means to them and about how they developed their own style of storytelling in their respective mediums.

In this first episode Sarah talks to comedian, writer, actor, director Chris Addison about his journey from joke writing to screen writing and directing. Discussing his relationship with storytelling across his broad body of work.

Sarah's live storytelling shows have been adapted for BBC Radio 4 and have formed two seasons of her series - 'Sarah Kendall: Australian Trilogy'. The show went on to win numerous awards including the Writers' Guild of Great Britain Award and the BBC Audio Drama Award. Since then, Sarah has gone on to write and star in the Royal Television Society award winning and BAFTA nominated sitcom 'Frayed'.

Presenter... Sarah Kendall  
Guest... Chris Addison  
Producer... Carl Cooper

This is a BBC Studios production

**THU 19:00 The Archers (m000x0vf)**

Tension mounts at Home Farm and Phoebe faces a crisis.

**THU 19:15 Front Row (m000x0vh)**

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

**THU 19:45 The Art of Innovation (m00094lc)**

Supersonic

Sir Ian Blatchford and Dr Tilly Blyth continue their series exploring how art and science have inspired each other. They focus on one of the earliest artistic attempts to convey the science and dreams of breaking the sound barrier.

As Ian reveals, transport artist Roy Nockolds' Supersonic was one of the first abstract images to be commissioned by the aviation industry. It's an insider's view of the otherwise secretive post-war research into supersonic test flying that was taking place at the Royal Aeronautical Establishment in Farnborough.

The ultimate challenge of being able to handle a supersonic plane at all speeds was largely met by refining the aircraft wings. As Tilly illustrates, a scale model used to test the effects of wind speeds is held in the Science Museum Group's collection and is testament to the technological endeavour that would lead to a new era of supersonic travel, and the most iconic aircraft design of the post war period – Concorde.

Producer Adrian Washbourne

Produced in partnership with The Science Museum Group

Photograph (C) The Science Museum Group

**THU 20:00 Law in Action (m000wz02)**

[Repeat of broadcast at 16:00 on Tuesday]

**THU 20:30 The Bottom Line (m000x0vk)**

Evan Davis chairs a discussion providing insight into business from the people at the top.

**THU 21:00 BBC Inside Science (m000x0vm)**

[Repeat of broadcast at 16:30 today]

**THU 21:30 In Our Time (m000x0v2)**

[Repeat of broadcast at 09:00 today]

**THU 22:00 The World Tonight (m000x0vq)**

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

**THU 22:45 The Startup Wife by Tahmima Anam (m000x0vs)**

[Repeat of broadcast at 12:04 today]

**THU 23:00 Rhysearch (m000x0vv)**

Will We Live On Mars?

Comedian Rhys James investigates topics that the rest of us are too busy to be bothered with.

2: Will We Live On Mars?

Do we need to go to live on Mars like that bloke in the film The Martian? Rhys talks to the guy who wrote the Martian, and then tries to sell Mars to the public.

Written and presented by Rhys James  
Guest... Andy Weir

Produced by Carl Cooper

This is a BBC Studios Production

**THU 23:30 Today in Parliament (m000x0vx)**

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

**FRIDAY 18 JUNE 2021****FRI 00:00 Midnight News (m000x0vz)**

The latest news and weather forecast from BBC Radio 4.

**FRI 00:30 The Devil You Know by Gwen Adshead and Eileen Horne (m000x0w1)**

[Repeat of broadcast at 09:45 on Thursday]

**FRI 00:48 Shipping Forecast (m000x0w3)**

The latest weather reports and forecasts for UK shipping.

**FRI 01:00 Selection of BBC World Service Programmes (m000x0w5)**

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 (m000x0w7)**

The latest weather reports and forecasts for UK shipping.

**FRI 05:30 News Briefing (m000x0w9)**

The latest news from BBC Radio 4

**FRI 05:43 Prayer for the Day (m000x0wc)**

A spiritual comment and prayer to begin the day with Manika Kaur, a Sikh devotional singer songwriter

Good Morning.

Today in 1940 Winston Churchill delivered his famous 'Their finest hour' speech after the fall of France to Germany.

India having made a significant contribution to both world wars with 1.5 million Indian troops in the first war, by 1941 had recruited another 2.5 million soldiers to fight for the crown once again.

The history behind these sacrifices is deeply problematic. The freedom India was promised in return after World War One was replaced with the shackles of The Rowlatt Act which allowed the government to censor the press, detain activists and arrest without a warrant.

In 1919 during Baisakhi celebrations in Amritsar, shots were fired at peaceful protesters who wanted to be free of an oppressive British regime. Women, children and men were killed and injured in what is known as the Jallianwallah Bagh massacre.

A high proportion of the serving soldiers in both world wars were Sikhs, recognised by their turbans and famously known in World War One as The Black Lions.

This bitter ending for those who selflessly served the crown led to the Sikh sacrifices in the two wars being largely omitted from history.

Towards the end of his career, Churchill would say "British people are highly indebted and obliged to Sikhs for a long time. I know that within this century we needed their help twice and they did help us very well. As a result of their timely help, we are today able to live with honour, dignity, and independence".

This heritage of Sikh service to the crown is humbling and this gross oversight is slowly being amended.

Dear Father

Sustainer of all life please heed our prayer and allow our nations to unite with love. Bless us with the wisdom to treat others with dignity and honour the memory of those whose lives were so cruelly cut short.

Waheguru

**FRI 05:45 Farming Today (m000x0wf)**

The latest news about food, farming and the countryside.

**FRI 05:58 Tweet of the Day (m0002lhk)**

Dominic Couzens on the Goldfinch

Natural history writer, speaker and Natural history writer, speaker and tour leader Dominic Couzens is at the helm this week for Tweet of the Day. For Dominic the impeccably turned out goldfinch is the avian glitterati, bird royalty, star quality on the feeders. Yet it was an encounter with 400 goldfinch feeding on thistle seed heads which captivated Dominic.

You can hear more from Dominic in his Tweet of the Week omnibus available on the Radio 4 website or via BBC Sounds.

Producer Andrew Dawes

**FRI 06:00 Today (m000x1f7)**

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

**FRI 09:00 Desert Island Discs (m000wywd)**

[Repeat of broadcast at 11:00 on Sunday]

**FRI 09:45 The Devil You Know by Gwen Adshead and Eileen Horne (m000x1fc)**

Episode 5

Leading forensic psychiatrist, Dr Gwen Adshead, has spent thirty years as a therapist in secure hospitals and prisons. In THE DEVIL YOU KNOW she introduces some of her patients - individuals shaped and scarred by their own violence - who must live with the consequences of their actions forever. With compassion and wisdom, Gwen seeks to understand terrible crimes and to offer a new approach to the concept of evil.

Gwen offers private therapy to a fellow doctor with a dark and disturbing secret.

PART FIVE - DAVID

Read by Gwen Adshead  
Written by Gwen Adshead and Eileen Horne  
Abridged by Eileen Horne  
Producer: Gaynor Macfarlane

**FRI 10:00 Woman's Hour (m000x1fh)**

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

**FRI 11:00 Descendants (p09jjq9z)**

Marcus, Rev Alison, and Ruth

Descendants looks into our lives and our pasts and asks how close is each of us to the legacy of British slavery? And, in turn, who does that mean our lives are connected to?

Narrated by Yrsa Daley-Ward, the poet and writer introduces us to a network of lives, each one connected in one way or another through the history of slavery.

Marcus is of Bajan descent, Rev Alison Waters is a vicar in rural Somerset, and Ruth is a middle class woman living in Bristol. Their lives today have all been impacted by the legacy of one of the biggest slave owners in British history - a man called Thomas Daniel.

Producers: Polly Weston, Candace Wilson, Rema Mukena  
Editor: Kirsten Lass  
Academic consultants: Matthew Smith and Rachel Lang of the Centre for the Study of the Legacies of British Slavery at UCL  
Additional genealogical research by Laura Berry

**FRI 11:30 Prepper (m000x1fp)**  
Series 2

Fear of Going Out

Sylvia Garrett, a cut-throat shop-managing baby boomer, and 27 year old Rachel Olende, self-obsessed and having a quarter-life crisis, continue their podcast for anyone interested in surviving the coming breakdown of society - Prepper.

This week, Lydia's anxiety slightly gets the better of her as she engages with the outside world again, post-lockdown and attends a wedding. Luckily, technology means Sylvia is on hand with some stern crisis advice. We also visit the Abbeydale Industrial Hamlet for some tips on smelting pig iron in an emergency and imagine the knock-ons to modern society from the impact of an asteroid.

Preppers are a large and rapidly growing global community who have taken Armageddon readiness one step further than most. They're actively skilling up, laying down supplies and readying themselves for 'the end of the world', in whatever form it comes. If people in south Manchester are prepping, it's probably time to worry.

The first series of Prepper won the Writers' Guild of Great Britain Award for Best Comedy 2020.

On this new series: 'A comic book and kitchen sink drama' - The Radio Times; 'A timely return for the sharply written comedy' - The Guardian; 'As enjoyably unhinged as the first series' Daily Mail.

In this series, while Sylvia (Sue Johnston - The Royle Family, Downton Abbey) continues to broadcast from her well-appointed double garage in south Manchester, Rachel (Lydia West - It's a Sin, Years and Years) is banished to the garden.

Cast:  
Sylvia is played by Sue Johnston OBE  
Rachel is played by Lydia West

Written by Caroline Moran  
Technical Presentation: Jerry Peal  
Producer: Steve Doherty

A Giddy Goat production for BBC Radio 4

**FRI 12:00 News Summary (m000x1ft)**  
National and international news from BBC Radio 4

**FRI 12:04 The Startup Wife by Tahmima Anam (m000x1fy)**  
Episode 10

Asha is halfway through her PhD and working on an algorithm to develop empathy in artificial intelligence. When she meets up with her high-school crush Cyrus, now a charismatic creator and celebrant of secular rituals, she sees the opportunity to adapt her research into a revolutionary new social media platform bringing meaning into millions of lives.

She also falls back in love with Cyrus and they get married in a whirlwind of passion, ambition and excitement. Together with Cyrus's best friend Jules, they are invited to join the super-cool startup incubator Utopia, and their journey through the cutting-edge world of tech innovation begins.

As their app takes off, Asha finds herself confronting challenges to her marriage, her dreams for the future and her independence, and discovers the brave new world of tech is still, like the old one, dominated by men and their ambitions.

Episode 10/10: When a piece breaks off, the whole comes crashing down.

Tahmima Anam is a novelist, short-story writer and Harvard educated anthropologist. Her first novel, A Golden Age, was shortlisted for the Guardian First Book Award and the Costa First Novel Award, and won the Commonwealth Writers' Prize for Best First Book. Her other novels are The Good Muslim and The Bones of Grace. The Startup Wife owes its inspiration to her own experiences as executive director of a music technology startup founded by her husband.

Reader: Preeya Kalidas  
Abridger: Sara Davies  
Producer: Celia de Wolff  
A Pier production for BBC Radio 4

Image: Tahmima Anam  
Credit: Abeer Y. Hoque

**FRI 12:18 You and Yours (m000x1g2)**  
News and discussion of consumer affairs

**FRI 12:57 Weather (m000x1g4)**  
The latest weather forecast

**FRI 13:00 World at One (m000x1g6)**  
Forty-five minutes of news, analysis and comment, with Edward Stourton.

**FRI 13:45 A History of the World in 100 Objects (h00sm1z)**  
Inside The Palace: Secrets At Court (700 - 950 AD)

Chinese Tang tomb figures

This week Neil MacGregor is exploring life in the great royal courts across the world during Europe's medieval period, from the heart of Europe to Mexico and Sri Lanka. Today he is in China of the Tang Dynasty around 700 AD. He tells how the elite of the time chose to leave their mark on the world by writing or commissioning their own obituaries. He is with a curious troupe of ceramic figures that were found in the tomb of a Tang general along with a stone tablet proclaiming his achievements. The China scholar Oliver Moore explains the growing ambitions of the dynasty and journalist Anthony Howard describes the enduring power of the obituary.

Producer: Anthony Denselow

**FRI 14:00 The Archers (m000x0vf)**  
[Repeat of broadcast at 19:00 on Thursday]

**FRI 14:15 Limelight (p09h4w5m)**  
The System

The System - Level 4: Red Pill

By Ben Lewis.

A witty and propulsive six-part thriller about an exclusive personal development programme with a radical twist. Starring Siena Kelly, Jack Rowan and Iain de Caestecker.

Level 4: Red Pill

The Past: Jake's unit find out what The System is really about as they enter the next level of their training. And it doesn't sit well with everyone.

The Present: Maya manages to track down an ally with insider knowledge.

Cast:  
Alex ... Iain de Caestecker  
Dr Khalid Hassan... Souad Faress  
Maya ... Siena Kelly  
Coyote... Divian Ladwa  
Beau... Matthew Needham  
Jake ... Jack Rowan

Original music and sound design by Danny Krass  
Featuring tracks from Equiknox music collective

With thanks to Dr Joel Busher at the Centre for Trust, Peace and Social Relations, University of Coventry.

A BBC Scotland Production directed by Kirsty Williams

**FRI 14:45 Chinese Characters (b0b01jst)**  
Lu Xun: Compassionate Cynic

To create one character who says something profound about the society you live in might be a stroke of luck. To create three suggests you really do have your hand on the nation's pulse. That creator was Lu Xun, widely regarded as modern China's

greatest writer. His pithy, astringent short stories showcased figures who held a merciless mirror to China's people: Ah Q, the vainglorious everyman who treats every disaster as a triumph, Kong Yiji, the pathetic Confucian scholar reduced to begging for pennies, and the Madman, a character whose insanity allows him to spot cannibalism where his fellow-citizens see only Chinese tradition. Lu Xun is read by every schoolchild in China today - and his puncturing of pomposity still has continuing relevance.

Presenter: Rana Mitter  
Producer: Ben Crighton  
Researcher: Elizabeth Smith Rosser.

**FRI 15:00 Gardeners' Question Time (m000x1gb)**  
RHS Bridgewater: Postbag Edition

Peter Gibbs and the panel are at the newly opened RHS Bridgewater answering your gardening questions. Joining him this week are Matthew Wilson, Pippa Greenwood and Matthew Pottage.

Producer - Daniel Cocker  
Assistant Producer - Jemima Rathbone

A Somethin' Else production for BBC Radio 4

**FRI 15:45 Short Works (m000x1gd)**  
Bog Girls

An original short story commissioned by BBC Radio 4 from the writer Louise Farr. As read by Séainín Brennan and Eimear Fearon.

The Writer

Louise Farr is a teacher and writer from Northern Ireland. In 2018, she was the winner of the Benedict Kiely Short Story Competition and The Trisha Ashley Award. In 2019, she won The Ink Tears Short Story Competition and The Dalkey Writing Festival Short Story Competition. In 2020 Louise was shortlisted for the Benedict Kiely Short Story Competition and her story 'Tinder' was nominated for the An Post Short Story of the Year Award. She is currently working on her second novel.

Writer: Louise Farr  
Reader: Séainín Brennan  
Reader: Eimear Fearon  
Producer: Michael Shannon  
Exec Editor: Andy Martin

A BBC Northern Ireland production.

**FRI 16:00 Last Word (m000x1gg)**  
Matthew Bannister tells the life stories of people who have recently died, from the rich and famous to unsung but significant. Prod: Eleanor Garland (Beverly Purcell Apr-July)

**FRI 16:30 More or Less (m000wz3z)**  
[Repeat of broadcast at 09:00 on Wednesday]

**FRI 17:00 PM (m000x1gj)**  
Afternoon news and current affairs programme, reporting on breaking stories and summing up the day's headlines.

**FRI 18:00 Six O'Clock News (m000x1gl)**  
The latest national and international news from BBC Radio 4.

**FRI 18:30 Dead Ringers (m000x1gn)**  
Series 21  
Episode 2

The writing squad for the series: Tom Jamieson and Nev Fountain, Laurence Howarth, Tom Coles & Ed Amsden, Jeffrey Aidoo, Simon Alcock, James Bugg, Sarah Campbell, Nastassia Dhanraj, Athena Kugblenu, Sophie Dickson, Rajiv Karia, Vivienne Riddoch & Jane Mccutcheon, Edward Tew.

Producer: Bill Dare  
Production Coordinator: Sarah Sharpe  
A BBC Studios Production for Radio 4.

**FRI 19:00 Front Row (m000x1gq)**  
Live magazine programme on the worlds of arts, literature, film, media and music

**FRI 19:45 The Art of Innovation (m0009517)**  
Patterns from Atoms

The thousands of visitors to the 1951 Festival of Britain were

greeted with textile designs on wallpaper and furnishings that had come from atomic scale images created by X ray crystallography. Images of compounds such as insulin and haemoglobin informed almost every aspect of the festival décor. It was the result of a unique collaboration between textile designers, manufacturers and scientists.

Tilly examines the evolution of the Festival Pattern Group, who would weave a fine line between good design and scientific credibility. As the Group's molecular patterns on wallpaper and clothing held in the Science Museum Group's collection reveal, a new window into an invisible molecular world now opened up to the public, a world which previously had only been visible to scientists. Whilst it was all part of the Festival's post war "tonic to the nation" it rendered the atom benign in an era of cold war anxiety about the excesses of science. It also raised the cultural profile of crystallography.

Producer Adrian Washbourne

Produced in partnership with The Science Museum Group

Photograph courtesy of Victoria and Albert Museum

**FRI 20:00 Any Questions? (m000x1gs)**

Andrea Leadsom MP, Eluned Morgan MS, Ellie Mae O'Hagan, Richard Walker

Chris Mason presents political discussion from the Holroyd Community Theatre in Oswestry with the Conservative MP and former Business Secretary Andrea Leadsom MP, the Welsh Health Minister Eluned Morgan MS, the director of the CLASS thinktank Ellie Mae O'Hagan and the Managing Director of Iceland Richard Walker.

Producer: Camellia Sinclair

**FRI 20:50 A Point of View (m000x1gv)**

Weekly reflections on topical issues from a range of contributors.

**FRI 21:00 A History of the World in 100 Objects (b00tbjkl)**

Inside the Palace: Secrets at Court (AD 700 - 800)

Neil MacGregor, the director of the British Museum in London, continues his global history as told through objects from the Museum's collection.

In this episode he is using objects from the collection to gain insight into the private lives of some very powerful people. From inside a harem to inside a Chinese grave, Neil enters the intriguing, even painful, realms of great royal courts of the world.

Producers: Paul Kobrak and Anthony Denslow.

**FRI 22:00 The World Tonight (m000x1gy)**

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

**FRI 22:45 The Startup Wife by Tahmima Anam (m000x1fy)**

[Repeat of broadcast at 12:04 today]

**FRI 23:00 A Good Read (m000wz04)**

[Repeat of broadcast at 16:30 on Tuesday]

**FRI 23:30 Today in Parliament (m000x1h0)**

Today in Parliament

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