History of antimatter. Adam tells to physicist Frank Close, author of 'Antimatter', about its origins in the equations of Dirac to its manufacture in the first particle accelerator, the Bevatron.

Cosmologist Andrew Pontzen tells Hannah why physicists today are busy pondering the mystery of the missing antimatter. Anyone who discovers why the Universe is made of matter, rather than antimatter, is in line for the Nobel Prize.

Plus, neuroscientist Scott O'Shaughnessy describes how antimatter has been put to good use down here on Earth to peer into people's brains.

Presenters: Hannah Fry, Adam Rutherford
Producer: Michelle Martin

The latest weather reports and forecasts for UK shipping.

SAT 01:00 Selection of BBC World Service Programmes

The latest weather reports and forecasts for UK shipping.

SAT 05:43 Prayer for the Day (m000bgqn)

A spiritual comment and prayer to start the day with Chine McDonald

Good morning,

When I lived in Greenwich, south-east London, one of my favourite things to do was walk along the Thames near the grounds of the Cutty Sark. Launched on this day in Dumbarton, Scotland, in 1869, the Cutty Sark was one of the last clippers.

While it’s only one surviving, the majesty of the ship has been through a tough time in recent years. It suffered two devastating fires. Often when I saw the Cutty Sark standing tall, I was reminded that the phoenix really can rise from the ashes.

At times in my life, I’ve felt that sense of devastation – when the unexpected happens and knocks me sideways. Life itself is a rollercoaster, with twists and turns, that can sometimes drive us off course. It can be hard to think things will ever be restored again. The Bible is full of stories of those times when all has felt lost – the Israelites in exile in Egypt, the great flood that engulfed the whole world, the crucifixion of Christ. In the midst of those trials and tribulations, there would have been a temptation to despair and submit to the darkness.

And yet, after each period of suffering came rescue, hope and joy. Like we have seen with the Cutty Sark, new life can spring forth after death. Belief in God doesn’t make us immune to suffering, it doesn’t protect us from the heat and difficulties of life. But it does mean that in the midst of it all, we can look forward to a brighter future.

God of rescue, thank you that right in the middle of our grief and despair, you suffer alongside us. Today, may we feel a peace that passes all understanding. Amen.

SAT 05:45 The Curious Cases of Rutherford & Fry

The Heart of the Antimatter

How do you make antimatter? asks Scott Matheson, aged 21 from Utah.

The team takes charge of this question with a spin through the history of antimatter. Adam tells to physicist Frank Close, author of ‘Antimatter’, about its origins in the equations of Dirac to its manufacture in the first particle accelerator, the Bevatron.

Cosmologist Andrew Pontzen tells Hannah why physicists today are busy pondering the mystery of the missing antimatter. Anyone who discovers why the Universe is made of matter, rather than antimatter, is in line for the Nobel Prize.

Plus, neuroscientist Scott O’Shaughnessy describes how antimatter has been put to good use down here on Earth to peer into people’s brains.

Presenters: Hannah Fry, Adam Rutherford
Producer: Michelle Martin

SAT 06:00 News and Papers (m000bnav)

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

SAT 06:07 Open Country (m000bg3t)

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

SAT 06:15 Open Country (m000bg3i)

Amos Vale Cemetery

For the first time, Open Country is entirely based at a cemetery. Helen Mark explores Amos Vale in Bristol – forty-five acres of green space and woodland which provide a vital wildlife corridor in the city. First established 180 years ago as a ‘parade cemetery’ with architecture in the style of classical Greece, Amos Vale quickly became the fashionable place for Victorian Bristolians to be buried. It was one of the first places in England to install a crematorium, a state-of-the-art development in its day. But during the latter part of the 20th century it fell into disrepair. Neglected and overgrown, it almost closed for good. A campaign to save it has resulted in a cemetery which today is much more than just a place to bury the dead. As Helen finds out, it has a whole life of its own. Wildlife thrives in the trees and undergrowth which all but swallowed the gravestones during the years of neglect. Now restored as a working cemetery, it also has a cafe and a shop, and is a venue for everything from yoga classes and craft fairs to film screenings and even weddings.

Producer: Emma Campbell

SAT 06:30 News Briefing (m000bpgq)

National and international news from BBC Radio 4.

SAT 06:43 Prayer for the Day (m000bqpp)

A spiritual comment and prayer to start the day with Chine McDonald

SAT 06:57 Weather (m000bqtp)

The latest weather forecast.

SAT 07:00 Today (m000bqq2)


SAT 07:09 Saturday Live (m000bq74)

Jamie Cullum; Mark Bright

Jazz/pop singer/songwriter Jamie Cullum joins Aasmah Mir and Mobeen Azhar. He talks about his music, and the personal stories that inspired his latest album Taller, his family and what’s been passed down through the generations.

Producer: Emma Campbell

SAT 07:15 Rewinder (m000bq76)

Greg James digs into the BBC’s archives, using current stories as a portal to the past.

SAT 11:00 Electioncast (m000bwhoz)

Adam Fleming and the BBC’s politics team bring you the essential guide to the 2019 UK general election.

SAT 11:30 From Our Own Correspondent (m000bhm8)

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

SUN 12:00 News Summary (m000bna2)

The latest national and international news from BBC Radio 4.

SUN 12:04 Money Box (m000bklx)

The latest news from the world of personal finance plus advice for those trying to make the most of their money.

SUN 12:30 The Now Show (m000bmgc)

Series 55

Episode 5

Steve Punt and Hugh Dennis present the week via topical stand-up and sketches. They’re joined by Fiona Brady, Pierre Noivelle, Jake Yapp and Gemma Aerosmith.

It was written by the cast with additional material by Robin Morgan, Laura Major, Kat Sadler and Alex Kealy.

The producer is Matt Strong.

It was a BBC Studios production.

Chris Mason presents political debate from Callington Community College in East Cornwall with a panel including the Shadow Defence Secretary Nick Griffin, Conservative Prospective Parliamentary Candidate Mark Harper, Europe Minister in the Scottish Government Ben Macpherson and the Liberal Democrat Prospective Parliamentary Candidate Sarah Wollaston.

Producer: Lisa Jenkinson

SUN 14:00 Any Answers? (m000bmq7)

Have your say on the issues discussed on Any Questions?

SUN 14:45 Middlwarem (m000bn7t)

Episode 1: A Study of Provincial Life

By George Eliot

Adapted by Katie Higgins

A new adaptation of one of the 100 Novels That Shaped Our World

Episode One: A Study of Provincial Life

The Narrator, George Eliot ....... Juliet Aubrey

Dr Hawley ..... Greg Jones

Mrs Cadwallader ..... Jessica Turner

Mr Vincy ..... Rick Warden

Celia ..... Lucy Reynolds

Reverend Farebrother ..... Miles Jupp

Sir James Chettam ..... Hugh Skinner

Dorothea ......... Olivia Vinall

Edward Casaubon ......... Charles Edwards

Dr Lydgate ..... John Heffernan

Minister in the Scottish Government Ben Macpherson and the Liberal Democrat Prospective Parliamentary Candidate Sarah Wollaston.

Producer: Lisa Jenkinson

SUN 18:10 Any Questions? (m000bmcx)

SAT 13:00 News (m000bmxr)

The latest national and international news from BBC Radio 4.

SAT 13:10 Any Questions? (m000bgpz)

SAT 13:30 News (m000bms8)

SAT 14:00 Any Answers? (m000bmq7)

SAT 14:45 Middlwarem (m000bn7t)

SUN 19:00 Any Questions? (m000bmcx)

SAT 19:15 Any Questions? (m000bgpz)

SAT 20:00 Any Questions? (m000bmcx)

SAT 20:20 Any Questions? (m000bgpz)

SAT 20:40 Any Questions? (m000bmcx)

SAT 21:00 Any Questions? (m000bgpz)

SAT 21:10 Any Questions? (m000bmcx)

SAT 21:20 Any Questions? (m000bgpz)

SAT 21:30 Any Questions? (m000bmcx)

SAT 21:40 Any Questions? (m000bgpz)

SAT 21:50 Any Questions? (m000bmcx)

SAT 22:00 Any Questions? (m000bgpz)

SAT 22:10 Any Questions? (m000bmcx)

SAT 22:20 Any Questions? (m000bgpz)

SAT 22:30 Any Questions? (m000bmcx)

SAT 22:40 Any Questions? (m000bgpz)

SAT 22:50 Any Questions? (m000bmcx)

ATH 23:00 Any Questions? (m000bgpz)

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ATH 24:30 Any Questions? (m000bmcx)

ATH 24:40 Any Questions? (m000bgpz)

ATH 24:50 Any Questions? (m000bmcx)
...
evergreen trees are best for CO2 absorption. They also discuss how to prune by touch for a blind listener.

In between the questions, the team wander the Sheffield Botanical Gardens, led by Ian Turner. Emerging talent developing their skills, and artists established in the poetry world.

In the poetry world.

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In the poetry world.
Laurie talks to Rebecca Bramall, lecturer in media and the 2000s, found its way into political rhetoric and popular carry on’. This slogan, first coined in the 1940s and revived in its aftermath citizens have been urged to ‘keep calm and

Producer: Stuart Hughes
Editor: Jasper Corbett

20:00 The Film Programme (m000bg3w)
Frozen 2

With Antonia Quirk
The creators of Frozen tell Antonia about how they dealt with the pressure of following up one of the biggest hits of recent years. Writer Chris Buck and writer/director/chief creative officer of Walt Disney Animation Studios Jennifer Lee explain why they put their characters through a psychological test and what the unexpected results showed.

Mali Diop, the award winning director of Atlantic, talks about the lost generation of Senegalese men who tried to cross the oceans in small boats to find work in Europe and why their deaths haunt the living and the loved ones they left behind.

Anna Smith takes another look at Stanley Kubrick’s final movie Eyes Wide Shut and its infamous orgy scene in the light of the Time’s Up movement.

23:00 The Film Programme (m000bg3w)

Love and unreason

Producer Andrew Dawes

In 1912, George Eliot translated an 18th-century masterpiece, the Royal Opera House’s new production, based on Thomas Benjamin Britten’s Death in Venice. He plays the lead role in

Benjamin Britten’s Death in Venice. He plays the lead role in

The programme that offers a female perspective on the world

Adapted by Katie Hims

Gillian Tindall’s reflection on family and social history and the changing meaning of the objects that survive the passing of time is a fascinating exploration into memory, loss and how we construct the past.

Most of the objects that surrounded us, no matter how important in their time, will eventually be lost and forgotten. But a few, for reasons of sentiment, chance, conservation or simple survival, escape destruction and gain new meanings. A toy train, stack of letters in a family attic, a piece of medical equipment long out of use – each opens a window into the past and prompts an exploration into the nature of permanence.

In The Pulse Glass and the Beat of Other Hearts, Tindall explores what has survived of her own family’s history, as well as the remnant’s of a wider social history, glimpsed through the chance survival of artefacts that have survived against the odds of history and forgetting.

Gillian Tindall is a novelist and historian. She combines a sharp eye for the detail of individual and domestic history with an imaginative understanding of the social and political geography of the past to find and follow the traces of past lives that survive all around us. She has written on the history of Kentish Town (The Fields Beneath), on the history of London’s Southbank through the generations living in one house (The House by the Thames), on a village in rural France through the letters written to one young girl (Celestine: Voices from a French Village), on her own family’s connection with the Left Bank in Paris (Spirits in Paris), and on London’s past through the route to be followed by Crossrail (The Tunnel Through Time). She has lived in the same house in London for over fifty years.

Reader: Anastasia Hille
Abridger: Libby Spairre
Producer: Sara Davies

A Pier production for BBC Radio 4

10:45 Middlemarch (m000blw8)

Will Ladislaw ..... Joseph Quinn
Edward Casaubon ..... Charles Edwards
Dorothea ..... Olivia Vinall
George Eliot ..... Juliet Aubrey

Episode 2 : Something More Unmanageable than a Dragon

By George Eliot
Adapted by Katie Hims

Episode 2 : Something More Unmanageable than a Dragon

Edward Casaubon has taken his new wife to Rome. A deep sadness has enveloped his young bride, Dorothea, but while she is sitting all alone an unexpected visitor calls at the apartment.

Cast:
George Eliot ..... Juliet Aubrey
Dorothea ..... Olivia Vinall
Edward Casaubon ..... Charles Edwards
Will Ladislaw ..... Joseph Quinn
Adolf Naumann ..... Adam Courting
Tartuffe ..... Scarlett Courtney

Directed by Tracey Neale

Supported by bbc.co.uk/programmes/
grouther, work harder, and complain less? Can we really be happy at work and should we?

The expectation seems to be, from a lot of people, that I will give it all, up that my right job is to look after the grandchildren a bit, chase away the painting and care for Phil, but that isn't me, it isn't me at all.

When her husband, Phil, is diagnosed with Parkinson's, the pressure escalates but Hazel doesn't see her future as just his carer.

"The joy of Phil's and my relationship is that we've always been independent of each other. I don't want to rush off and leave him, but I don't want the burden of having the life sucked out of both of us."

She feels judged for thinking this, for not abandoning her career to look after Phil, but if she were a man, would expectations be different?

Hazel has always been a clear-headed decision maker. She knew within 10 minutes of meeting her husband she should marry him. She even wants to write her PhD on decision-making. But this choice is proving impossible to make. What should she and what will she decide?

Producer: Sarah Bowsen

The latest national and international news from BBC Radio 4.

Three very different women's lives collide in Salley Vickers' new novel about grandparenting and the children they help to raise.

Read: Eleanor Bron

With contributions from Louis Theroux, Joe Cornish, Irwin Chusid and Rick Gertz.

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Radio 4 Listings for 23 – 29 November 2019

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Supporting victims, pushing for legal reforms and drawing attention to the cause through art, video games and social media. And she meets a lone feminist MP in the Russian Duma who is trying to bring in restraining orders for violent husbands, boyfriends and family members. Today Russia has no such laws and domestic violence is not a standalone offence in either the criminal or the civil code.

Producers: Josephine Casey and Alibaa Koraylowa
Research: Nina Naranova

(Image: This woman asks whether silence is really golden – more Russian women are speaking out against domestic violence. Credit: Sergii Konkov/TASS via Getty Images)

MOY 21:00 Hurting (m000fhga)
Sally Marlow talks to some of the men and women who have self-harmed, and the experts who treat them, to find out what is driving so many people to self-harm.

Clinical guidelines define self-harm as any act of self-poisoning or self-injury carried out by a person irrespective of their motivation. However, research reveals a worrying association between self-harm and the risk of suicide.

While rates of self-harm are particularly high among teenage girls, the true picture is far more nuanced. Rates have gone up in all age groups and both genders, and, more recently, in groups such as middle-aged men.

So what is driving so many people to hurt themselves, and what can we do to help them? The media is quick to point the finger at social media, but Sally discovers that the reasons behind this question are as varied and complex as the people who do it.

Producer: Beth Eastwood

MOY 21:30 Start the Week (m000dhv1)
[Repeat of broadcast at 09:00 today]

MOY 22:00 The World Tonight (m000h1ch)
In depth reporting, intelligent analysis and breaking news from a global perspective

MOY 22:45 Grandmothers (m000h0kv)
[Repeat of broadcast at 12:04 today]

MOY 23:00 Have You Heard George's Podcast? (p07q4xlr) Chapter 2

12. A Night To REMember
George dives deeper into his dreams via a circus of characters - some old, some new.

Written by George The Poet.
Produced by Benbrick & George The Poet.
Original music by Benbrick.

Featurised songs: Memories by A Pass, You Can Fly by Price Love, A Night To Remember by Shalarum.
Featurised guests: Burney Artist as Inua the Intern, Mandi as Anna the analyst, Anne as Britain, Sandra & Petra as George's friends in the car.

Thank you to Robert Seramuga.

Have You Heard George's Podcast? is a George the Poet production for BBC Sounds.

Commissioning Executive for BBC: Dylan Huskins
Commissioning Editor for BBC: Jason Phipps.

MOY 23:30 Stranger Than Sci-Fi (m007gfd)
Telekinesis

Astrophysicist Dr Jen Gupta and comedian Alice Fraser travel the parallel worlds of science and sci-fi.

Starting with the latest books and films, they discover real life science that sounds too strange to be true - from babies grown in bags, via black hole Jacuzzis, to flowers that behave like our telekinesis – moving things with your mind. They look at the real history behind the hit Stranger Things. It turns out the CIA spent a long time investigating the real life paranormal phenomena as part of their efforts to out-think the Russians during the Cold War. But it's the actual science that is much more interesting than the sci-fi.

They talk to the Brazilian scientist Miguel Nicolelis about inventing the brain-machine interface and how he got a monkey in America to move a robot in Japan with its mind. What will the consequences be for human beings now we can link our brains to machines?

Produced by Joe Sykes.
Executive Producer: Peggy Sutton
A Somethin' Else production for BBC Radio 4

TUESDAY 26 NOVEMBER 2019

TUE 00:30 Midnight News (m000b0ix)
National and international news from BBC Radio 4

TUE 00:30 The Pulse Glass (m000b03s)
[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (m000b0axu)
The latest weather reports and forecasts for UK shipping.

TUE 01:00 Selection of BBC World Service Programmes (m000b0bs)
BBC Radio 4 joins the BBC World Service.

TUE 01:20 Shipping Forecast (m000b0axu)
The latest weather reports and forecasts for UK shipping.

TUE 05:43 Prayer for the Day (m000b0bx)
A spiritual comment and prayer to start the day with Chine McDonald.

Good morning.

In March, we moved from our newbuild flat to the Edgbaston house we had always dreamed of. At times over the past few months, I've definitely regretted our decision. A house built in 1906 has the types of daily issues that our newbuild flat did not. It's absolutely freezing, for one. Things keep breaking and we find ourselves having to correct the bizarre décor decisions of those who lived there previously. But there is something beautiful about a house with history. During the Second World War, the town we live in became known as 'Bomb Alley' due to its being on a direct flight path from Germany to London. It therefore faced bombs being dropped on the way into London and on the way back to Germany again.

Our neighbours – many of whom have lived on the street for decades – regularly have us ask one of the historic facts they’ve unearthed – the loft insulated with newspapers from the 40s that told the story of the Blitz. I wonder what those who came before us – who wandered the streets that we now walk on; who lived in the houses we now occupy – would think if they could see us now.

During periods of darkness such as the Blitz, it must have been hard to comprehend that the light would emerge again. That normality would resume, that the fear and pain would ever become a distant memory. At those times when I resent the creaky floorboards, the draughtiness and the maintenance inaction, escape destruction and gain new meanings. A toy train, a stack of letters in a family attic, a piece of medical equipment long out of use - each opens a window into the past and prompts an exploration into the nature of permanence.

In The Pulse Glass and the Beat of Other Hearts, Tindall explores what has survived of her own family’s history, as well as the remnants of a wider social history, glimpsed through the changing meaning of the objects that survive the passing of time is a fascinating exploration into memory, loss and how we construct the past.

Before doctors had access to accurate pocket watches, they timed a patient's pulse with a thirty-second sand glass, or pulse glass. Gillian's great-grandfather's pulse glass leads her to the story of her grandmother's marriage and a question about how we create our identity.

Most of the objects that surround us, no matter how important in their time, will eventually be lost and forgotten. But a few, for reasons of sentiment, chance, conservation or simple inaction, escape destruction and gain new meanings. A toy train, a stack of letters in a family attic, a piece of medical equipment long out of use - each opens a window into the past and prompts an exploration into the nature of permanence.

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Reader: Anna Stirk
Music: Luky Sparrow
Producer: Sara Davies

A Pier production for BBC Radio 4

TUE 06:00 Today (m000b0mx)
News and current affairs, including Sports Desk, Weather and Thought for the Day.

TUE 09:00 The Long View (m000b0ms)
Huawei and Siemens

Jonathan Freedland takes the Long View of suspected state espionage through technology companies.

He compares the investigations into potential spy activity for Nazi Germany in WWII by Siemens employees in the UK and the allegations about Huawei's 5G equipment containing spyware useful to the Chinese state.

Producer Neil McCarthy

TUE 09:30 Naturebough (m000b0wy)
Sea-Springs and the Illusion of Self

The humble sea sponge has been around for over 500 million years. We may think of them as 'simple' animals, with no brain, no nerves and no organs. But they have a pretty good party trick up their fleshy sleeves. Push a sponge through a mesh, until all that remains is a cloud of cells. Pour those cells into a tank, and watch as the cells reform themselves, like the terminator, back into a sponge.

Becky Ripley and Emily Knight ask: is it the same sponge it was before?

In the human world, nobody is queuing up to be forced through a discombobulating mesh. But enter the world of science fiction and there's something that's not far off... the teleportation machine. Would you allow yourself to be dissolved into a molecular cloud and flung through space and time? And would the 'you' at the other end really be the same 'you' that left?

Featuring Professor Sally Leys from the University of Alberta, and Professor Charles Hunemann from Utah State University.

TUE 09:45 The Pulse Glass (m000b0mx)
The Pulse Glass

Gillian Tindall's reflection on family and social history and the changing meaning of the objects that survive the passing of time is a fascinating exploration into memory, loss and how we construct the past.

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Most of the objects that surround us, no matter how important in their time, will eventually be lost and forgotten. But a few, for reasons of sentiment, chance, conservation or simple inaction, escape destruction and gain new meanings. A toy train, a stack of letters in a family attic, a piece of medical equipment long out of use - each opens a window into the past and prompts an exploration into the nature of permanence.

In The Pulse Glass and the Beat of Other Hearts, Tindall explores what has survived of her own family's history, as well as the remnants of a wider social history, glimpsed through the changing meaning of the objects that have survived against the odds of history and forgetting.

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Reader: Anna Stirk
Music: Luky Sparrow
Producer: Sara Davies

A Pier production for BBC Radio 4

TUE 10:00 Woman's Hour (m000b0nx)
The programme that offers a female perspective on the world
From rally car driving to the serenity of climbing - Josie Long

Sports

TUE 13:00 Six O'Clock News (m000bmxz)

The latest national and international news from BBC Radio 4.

TUE 14:15 Drama (b09r7pgj)

The B Towns

All of the Beauty in the World

Series 1

Parenting

What kind of parent are you? Did you rush to the cot every time your baby cried, or let her 'cry it out'? Does your toddler eat strictly rationed organic produce, or allowed to eat what he wants? When did YOU go back to work?

Produced in Bristol by Emily Knight.

TUE 15:00 Short Cuts (m000bxmq)

Sports

From rally car driving to the serenity of climbing - Josie Long presents short documentaries and adventures in sound about sport, exercise and competition.

Series Producer: Eleanor McDowell

A Falling Tree production for BBC Radio 4

TUE 15:30 Costing the Earth (m000bmxu)

Vegan World

What would the British countryside look like if we all adopted the vegan diet recommended by so many environmental campaigners? Tom Heap finds out.

Producer: Anne-Marie Bullock

TUE 16:00 Art of Now (m0081s18)

Hostile Design

Artist and activist Stuart Semple was outraged by his hometown council putting up a bar on benches in a detention centre. He investigates the use of hostile design in public spaces.

His campaign against the benches in Bournemouth included getting people to decorate them with knitting, flowers and balloons and it eventually proved successful as the council removed the barriers. But Stuart has found many other designs to deter anti-social behaviour. From bars and spikes to metal stops to deter skateboarders, he asks why our public spaces aren’t more welcoming and inclusive.

One of the first benches to deliberately deter anti-social behaviour was the Camden Bench, designed by brothers Dean and Jason Harvey of Factory furniture nearly a decade ago. A greyish-white monolith of concrete, it has nothire for litter or drug drops. It is also graffiti, skateboarder and crash-resistant and is so uncomfortable that, like many seats in London, it’s only designed for a short stay. It met the Camden Council design brief to encourage people to walk to work with rest stops on the way, while deterring litterers. At first glance, it is more barricade or sculpture than seat.

Stuart asks arts journalist Amy Shaw for a critical assessment. He also seeks the view of art critic and historian Ben Street in the London Borough of Bromley, where there’s even an even more unlikely type of bench made of black polished granite.

And hostile design is more than just street furniture. Stuart finds out about a high-pitched sound that normally only under-25s can hear, transmitted in public spaces to discourage gangs of youths congregating, as well as bagpipe or classical music played loudly on a loop at railway stations to deter rough sleepers.

Meanwhile, Stuart has been customising his own benches as art works - one he’s exhibited at his London home with a pipe cleaner wig and sunglasses and another covered in cuddly toys. His art is one of his responses to hostile design.

In Dover, he’s been part of a “happy city” project, with interventions including an emotional baggage drop at the station, where commuters were able to offload their problems in a complete stranger.

Presented: Stuart Semple

Producer: Sara Parker

A TBI production for BBC Radio 4

TUE 16:30 A Good Read (m000bmxv)

Russell Kane & Sarah Perry

Comedian Russell Kane and Sarah Perry, author of The Essex Serperpit, talk about their favourite books with Harriet Gilbert. They are: Under the Net by Iris Murdoch, The Train Was On Time by Heinrich Boll, translated by Leila Venners, and Life Among the Savages by Shirley Jackson, her slightly fictionalised memoir. It turns out that Russell and Sarah are Iris Murdoch worhipers, but Harriet is no sure... Follow us on Instagram fragodoreable to share your thoughts on Iris, and more.

Producer Sarah Goodman

TUE 17:00 PM (m000bmxw)

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

TUE 18:00 Six O’Clock News (m000bmxu)

The latest national and international news from BBC Radio 4.

TUE 18:30 Tom Wrigglesworth’s Hang-Ups (m0081s1y)

Series 5

No Rest for the Wrigglesworths

Supported by bbc.co.uk/programmes/
In today's episode, when Gillian comes upon a cache of letters in the French village where she had a small house, the story of one young innkeeper's daughter in the nineteenth century makes its way unexpectedly out into the world, and with it the memories of a whole community.

Gillian Tindall is a novelist and historian. She combines a sharp eye for detail of individual and domestic history with an imaginative understanding of the social and political geography of the past to find and follow the traces of past lives that survive all around us. She has written on the history of Kentish Town (The Fields Beneath), on the history of London's Southbank through the generations living in one house (The House by the Thames), on a village in rural France through the letters written to one young girl (Celine: Voices From a French Village), on her own family's connection with the Left Bank in Paris (Footsteps in Paris), and on London's past through the route to one young innkeeper's daughter in the nineteenth century makes its way unexpectedly out into the world, and with it the memories of a whole community. She has written on the history of Kentish Town (The Fields Beneath), on the history of London's Southbank through the generations living in one house (The House by the Thames), on a village in rural France through the letters written to one young girl (Celine: Voices From a French Village), on her own family's connection with the Left Bank in Paris (Footsteps in Paris), and on London's past through the route to one young innkeeper's daughter in the nineteenth century makes its way unexpectedly out into the world, and with it the memories of a whole community.

Supported by bbc.co.uk/programmes/
So I've split my prayer section up into 'help' prayers, 'thanks' reading out shopping lists to God. I remember to ask God for help. But like so many religious, I'm overwhelmed by a certain task, I write it down there to kind of enhanced to-do list slash journal slash life goals vision. To help me through the chaos and busyness of life, I took up bullet journaling. It's a start of 2019, keen to adopt a system to make better sense of my mind and body. I wanted to find a way to make my mind work better and help me focus on the things that matter. Now, I spend a lot of time on my phone, checking my emails and social media. But I've decided to use my phone to my advantage, to help me focus on my goals and priorities. I've started using a bullet journal, and I love it! It's like a combination of a to-do list, a planner, and a diary. I've started using it to help me stay organized and on track with my goals. I'm hoping the increased gratitude that I've felt through bullet journaling this year will continue long into the coming year and beyond. As God's faithful servant, I ask for your prayers and support as I continue to grow in my faith and follow God's will. Amen.

THURSDAY 28 NOVEMBER 2019

11:00 So Many Books, So Little Time (m000bp3s)
Mark Hodkinson ponders the nature of our personal book collections, why and how we gather books, what it says about us, and how we ever expect to find time to read them all.

11:30 Crossing Continents (m000bp3q)

The programme that offers a female perspective on the world

11:45 Middlemarch (m000bp3n)
Melvyn Bragg and guests discuss the life and ideas of Li Shizhen (1518-1593) whose Compendium of Materia Medica or Bencao Gangmu, in 53 volumes. He's been called the uncrowned king of Chinese naturalists, and became a scientific hero in the 20th century after the revolution.

With
Craig Chanas
Anne Girennes
And
Roel Streeck

Producer: Simon Tillett

12:00 Woman's Hour (m000bp3l)

20:45 The Pulse Glass and the Beat of Other Hearts
The Man Who Laughed at al-Qaeda

Writer: Katie Hims

Peter Featherstone ..... Clive Hayward
Harriet Bulstrode ..... Rosie Cavaliero
Rosamond Vincy ..... Laura Christy

Cast

WRITING TO HELP

Good morning,

THURSDAY 28 NOVEMBER 2019

11:00 So Many Books, So Little Time (m000bp3s)
Mark Hodkinson ponders the nature of our personal book collections, why and how we gather books, what it says about us, and how we ever expect to find time to read them all.

Author Mark had just moved house. By far the most difficult task was carrying, storing and deciding on his collection of 3,500 books. It made him stop to think. If it took, say, four days of solid reading to finish a book, he'd need 38.3 years to get through his collection. He would have to make his way through 315 million words. And that's if he didn't take time off to sleep, eat and have the occasional night out.

Clearly, it was a challenge too far.

So Many Books, So Little Time is an autobiographical, impressionistic audio odyssey. Mark considers that he might be affected by bibliomania and visits consumer psychologist Lisa MacDonald to see whether owning thousands of books is normal. He calls at his local bookshop and meets its owner, George Kellis, who has ten times as many books as Mark and has bought a large house solely to accommodate them.

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He visits fellow writers, such as Austin Collins who tells Mark about the grave danger of becoming merely an aggregate of all his books and will eventually lose his own writing voice. Trevor Hylde tells Mark that he views books as time capsules and, pulling copies down from the shelves, he can tell Mark when he bought them, what was happening in his life at the time. Joanna Trollope is the million-selling author of Chocolate, tells Mark she has filled her house full of books because she can't bring it upon herself to throw any away.

Practical concerns are not forgotten – Mark visits a carpenter, Trevor Hylde to see whether owning thousands of books is normal. He calls at his local bookshop and meets its owner, George Kellis, who has ten times as many books as Mark and has bought a large house solely to accommodate them.

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Practical concerns are not forgotten – Mark visits a carpenter, Ashley Deakin, who previously made a bookcase a week but now does one or two a year. "People don't want to put books on their walls any more. They just want these bloody huge
Gillian Tindall is a novelist and historian. She combines a sharp eye for detail and a sense of history with an imaginative understanding of the social and political geography of the past to find and follow the traces of past lives that survive all around us. She has written on the history of Kentish Town (The Fields Beneath), on the history of London's Southwark through the generations living in one house (The House by the Thames), on a village in rural France through the letters written to one young girl (Célestine: Voices From a French Village), on her own family's connection with the Left Bank in Paris (Footsteps in Paris), and on London's past through the route to be followed by Crossrail (The Tunnel Through Time). She has lived in the same house in London for over fifty years.

Reader: Anastasia Hille
Abridger: Libby Sparrier
Producer: Sarah Davis

A Pier production for BBC Radio 4

FRI 10:00 Woman's Hour (m0000h3s)
The programme that offers a female perspective on the world and the people who create it.

FRI 10:45 Middlemarch (m0000h3v)
Episode 6: A Key to Understanding
Will Ladislaw returns up the balance of the Casaubons' quiet life.

Cast
George Eliot .... Juliet Aubrey
Dorothea .... Olivia Vinall
Edbur Casaubon .... Charles Edwards
Will Ladislaw .... Joseph Quin
Arthur Brooke .... Neil McCaul

Writer: Katie Hims
Director: Jessica Dromgoole

FRI 11:00 Natural Histories (m0000h3x)
Aye-Aye

Think sprite or hobgoblin and you are nearly there when it comes to the Aye-Aye, surely one of the wildest looking creatures on earth? With its large scavenger-like eyes, massive ears, and long skeletal middle finger which it uses to tap for grubs on logs, this lemur both fascinates and terrifies us. Endemic to the forests of Madagascar, some local people believe that if one looks at you, someone in your village will die. They even hang up an aye-aye on the edge of the village in some areas to ward off evil spirits. We are responsible for the demise of the aye-aye in other ways by destroying the forests on which it depends. But as we hear, get up close to an aye-aye and you'll meet one of the most alluring and watchable mammals on the planet. Not merely a creature in close harmony with its environment, but as Bert Westwood and Verity Sharp discover, an ambassador for conservation which still has us in its thrall.

Producer Sarah Bhnt

Contributors:
Mark Carwardine – Zoologist
Lee Durrell – Honarary Director of Durrell Wildlife Conservation Trust
Alan Tuyay – Team Leader of Mammals at Bristol Zoo Gardens
Charlie Welch – Conservation Co-ordinator at the Duke Lemur Centre, North Carolina
Michael Heart – Composer and musician. Composer of Songs for Unusual Creatures.
Amanda Webb– Co-lead of the Madagascar Field Project at Bristol Zoo Gardens
Sinead MacMunus – BBC Drama Radio Company Actor

Photo of an Aye-Aye courtesy of Bristol Zoo Gardens

FRI 11:30 In and Out of the Kitchen (b066w9gj)
Series 4

The Baby

When their friend Marion Duffield is called away on a family matter, they ask Damien and Anthony to look after her baby. Something which Anthony is infinitely more inclined towards than Damien. Still, it's come at a good time as Damien is angling for a role as an ambassador for a children's charity. They have to co-ordinate their approach to one young girl (Celestine: Voices From a French Village), on her own family's connection with the Left Bank in Paris (Footsteps in Paris), and on London's past through the route to be followed by Crossrail (The Tunnel Through Time). She has lived in the same house in London for over fifty years.

Reader: Eleanor Bron
Abridger: Salley Vickers
Producer: Kirsty Williams

FRI 12:18 You and Yours (m0000h43)

News and discussion of consumer affairs.

FRI 12:57 Weather (m0000h45)
The latest weather forecast

FRI 13:00 World at One (m0000h47)

Mon-Thurs: Analysis of news and current affairs, presented by Sarah Montague. Fri: Analysis of news and current affairs, presented by Mark Mardell.

FRI 13:45 You're Doing It Wrong (b09wswnd)

Series 1

Family

Mum, Dad and 2.4 children... how old-fashioned. Single parent families, multi-parent households, step-brothers and half-sisters and the rest - it's old news that the 'nuclear family' model is outdated. So why does society keep on telling us it's the only way to be? Single-mother stigma is still alive and well, and unmarried people in their 40s and over are universally assumed to be sad, lonely, and yarning for a partner.

Adam Burton wonders how our ideas about family came about, and whether there might be a better way to organise things. Is the 'decline of family' really such a bad thing?

Produced in Bristol by Emily Knight.

FRI 14:00 The Archers (m0000hpam)
[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Drama (m0000hs49)
Trip The Light Fantastic

"Come and trip it as you go, on the light fantastic toe..."

Jack (Paul Copley) and Freddie (Lorn Macdonald) meet every Tuesday evening to dance. Or try to dance. Try to maintain a bit of dignity. Try to sweat out a bit of elegance. Seventy and twenty-one, they are men from different worlds, brought together by a love of the twist and a longing for something which enhances happiness.

Written by Minias Batte. Produced and directed by Becky Ripley.

FRI 15:00 Gardener’s Question Time (m0000hsdc)

St Ann's Allotments, Nottingham

Kathy Clagston and the team visit the St Ann's Allotments in Nottingham. Bunny Guinness, Bob Flowerdew and James Wong answer the audience's questions.

Producer: Laurence Bassett
Assistant Producer: Jennyma Ruthbone

A Somethin’ Else production for BBC Radio 4.

FRI 15:45 Short Works (m0000hfdf)
An original short work for radio.
A revealing chat between friends about a crisis of faith and the experience of coming out. Fi Glover presents another conversation in a series that proves it's surprising what you hear when you listen.

In his capacity as academic, Matthew talks to Dr Fern Riddell, whose PhD he supervised. Fern chose broadcasting and writing rather than lecturing or teaching as a career and she explains how injecting historical authenticity into TV dramas like Ripper Street might help us see past eras more clearly, if backed by the right research.

The same cult status was accorded to the first late night Open University broadcasts, although the values of good television and undergraduate teaching initially clashed, sometimes about the appropriate colour of shirts.

Meanwhile, are some of the ideals of Public Service Broadcasting changing in the digital age? Nowadays the strictly educational programmes like OU material and schools broadcasting are no longer part of the general broadcasting landscape, meaning we’re less likely to stumble upon them. Put Public Service Broadcasting into a popular search engine and you might not end up learning about the BBC mission statement, but something completely different.

A Testbed production for BBC Radio 4.

The Harlem Renaissance was an intellectual, social, and artistic explosion of African-American culture which began in 1919. The Harlem Renaissance was an intellectual, social, and artistic explosion of African-American culture which began in 1919. The great migration brought many people from the Southern States of America north into urban areas where their culture flourished. Harlem became a centre for artistic endeavour, particularly writing and music. Publishers became interested in the period. He explores how injecting historical authenticity into TV dramas like Ripper Street might help us see past eras more clearly, if backed by the right research.

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In depth reporting, intelligent analysis and breaking news from any quarter, when you listen.

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And, with the help of Harvard Professor of Education Meira Levinson, Matthew wonders whether Homer Simpson is an appropriate vehicle for the study of philosophy.

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