SATURDAY 07 JANUARY 2023

SAT 00:00 BBC News (w172ykqh462jvsm)

The latest five minute news bulletin from BBC World Service.

SAT 00:06 The Real Story (w3ct33q2)

Andrew Tate: Why is misogyny so popular online?

The arrest of controversial British-American influencer Andrew Tate in Romania as a part of a human trafficking and rape investigation has pulled his brand of online misogyny back into the headlines.

Tate, who denies the allegations against him, is a former kickboxer who rose to fame in 2016 when he was removed from TV show Big Brother over a video which appeared to depict him attacking a woman. He claimed at the time that the video had been edited and was "a total lie".

He is among a group of influencers who have gained popularity or notoriety - by advocating a lifestyle in which women are reduced to being subservient to men. The language can be harsh and explicit -- but the ideas appear to be gaining traction with a generation of teenagers and young men.

Does the appeal of a more aggressive stance against women and equality suggest there is a crisis of masculinity? Has feminism made its claims at the expense of men?

Or is this simply the effect of social media amplifying attitudes that have always existed?

Ritula Shah is joined by a panel of experts:

Richard Reeves - Senior fellow at the Brookings Institution. Author of the book Of Boys and Men: Why the Modern Male Is Struggling, Why It Matters and What to Do About It (2022)

Natasha Walter - Feminist writer and activist, author of several books, among them Living Dolls - The return of sexism

Frank Furedi, Emeritus Professor of Sociology, University of Kent

Also featuring

Sophia Smith Galer - Senior news reporter at Vice World News and author of the book 'Losing It: Sex Education for the 21st Century' (2022)

Producers: Paul Schuster, Pandita Lorenz and Ellen Otzen.

SAT 01:00 BBC News (w172ykqh462jzjr)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 Business Matters (w172ydq84zhjwg3)

China: Will the end of Covid Zero bring economic recovery?

With China easing its restrictions but facing surging Covid cases, we find out what the economy's reopening mean for the country in 2023. We also hear how it will impact tourism in the region, with other countries looking forward to welcoming

Elsewhere, one of the biggest technology shows in the world is underway in Las Vegas. Learn about what this year's biggest trends are

(Picture: A couple wearing face masks walk along a shopping district in Beijing, China, 06 January 2023, Credit; Photo by MARK R CRISTINO/EPA-EFE/REX/Shutterstock)

SAT 02:00 BBC News (w172ykqh462k38w)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172yl83jlfjfx8)

The world's Newsroom brings you global events as they happen

SAT 02:30 BBC News Summary (w172vkr9kxp7gk8)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3ct371r)

Steve Smith's milestone and the female bat pioneer

Alison Mitchell and Jim Maxwell are at the Sydney Cricket Ground as Australia take on South Africa in their third and final Test Match of the series. They are joined by Sunil Gupta and debate how cricket should tackle the problem of bad light and ask whether a pink ball should be used? Jim is also full of praise for Steve Smith who has now scored 30 Test centuries to surpass Sir Donald Bradman

The team discuss the player's that hit the headlines and the stars

that missed out at the Indian Premier League mini auction and wish Indian star Rishabh Pant all the best after he sustained injuries in a car crash at the end of 2022

Plus we are joined by Clare Johnston who was the first female accredited cricket bat maker in the world. She lives in Australia and tells us about the importance of making specialist bats for female cricketers and her hopes for the future.

Photo: Steve Smith of Australia celebrates after reaching their half century during day two of the Second Test match in the series between Australia and South Africa at Sydney Cricket Ground on January 05, 2023 in Sydney, Australia. (Photo by Jason McCawley - CA/Cricket Australia via Getty Images)

SAT 03:00 BBC News (w172ykqh462k710)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 The Fifth Floor (w3ct380c)

The decline of Ukraine's oligarchs

For decades, Ukraine's super-rich oligarchs wielded enormous economic and political power. But in 2021, a new law was introduced to curb their influence, and the war with Russia has cost them billions in lost assets and revenue. Vitaly Shevchenko of BBC Monitoring tells us about the dramatic change in their fortunes.

The endangered pink iguanas of the Galapagos Scientists have for the first time discovered a number of baby pink iguanas in the Galapagos Islands. The species is critically endangered with only a few hundred left, and previously only

adult pink iguanas had been found, BBC Mundo's Alejandra Martins tells us more about this discovery.

Nigeria's drive to go cashless

The Central Bank of Nigeria is implementing a controversial "cashless" policy next week, setting limits on the amount of cash Nigerians can withdraw from banks and ATMs, BBC Africa business reporter Nkechi Ogbonna tells us about the reasons behind the move, and how people are reacting

The new first lady of Brazil

Rosângela da Silva, nicknamed Janja, became Brazil's first lady last Sunday when her husband Luiz Inácio Lula da Silva was inaugurated as president. They married last May, just a few months before Lula's election victory. BBC Brasil's Leticia Mori has been finding out more about Janja, and the couple's unusual courtship.

Indian fables and fairy tales

Our colleagues at BBC Indian languages have been sharing their favourite fairy tales and fables, with Siddhanath Ganu of BBC Marathi, Sarika Singh of BBC Hindi, Venkat Prasad G of BBC Telugu, Saranya Nagarajan of BBC Tamil, Brijal Shah of BBC Gujarati and Khushboo Sandhu of BBC Punjabi.

(Photo: Shakhtar Donetsk FC owner Rinat Akhmetov carried by the players. Credit: AMA/Corbis via Getty Images)

SAT 03:50 Witness History (w3ct3bxm)

Pussy Riot's cathedral protest

In February 2012, Diana Burkot and other members of the feminist punk band Pussy Riot protested inside Moscow's Cathedral of Christ the Saviour against the church and its support for Russian president Vladimir Putin.

Some members were arrested and put on a trial which made the news inside Russia and around the world.

Diana kept her participation in the protest secret and avoided going to prison. She shares her memories with Alex Collins.

(Photo: Diana Burkot on stage, Credit: Getty Images)

SAT 04:00 BBC News (w172vkgh462kbs4)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 The Real Story (w3ct33q2)

[Repeat of broadcast at 00:06 today]

SAT 05:00 BBC News (w172ykqh462kgj8)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172vl83ilfit4n)

The world's Newsroom brings you global events as they happen

SAT 05:30 BBC News Summary (w172ykr9kxp7tsn)

The latest two minute news summary from BBC World Service.

SAT 05:32 Kalki Presents: My Indian Life (w3ct4kg7)

Bollywood actress Kalki Koechlin presents tales of what it's like to be young and Indian in the 21st Century.

SAT 05:50 More or Less (w3ct3k5t)

Can China's data on Covid deaths be trusted?

When the pandemic took hold, the Chinese government imposed a Zero-Covid policy that aimed to contain the virus through mass-testing and strict lockdowns.

But early last December, amidst widespread public protests, and the spread of the omicron variant to more than 200 cities, those draconian, highly restrictive measures were lifted almost entirely.

For the first time in just under two years, the majority of the country's near one-and-a-half billion citizens were free to meet, mix and mingle where they pleased, triggering what experts believe is a gargantuan exit-wave of covid infections - and related deaths. Some analysts say death rates there could be as high as 15,000 per day. But the Chinese authorities are reporting 5 or fewer deaths a day. The numbers don't stack up, so More or Less's Paul Connolly speaks to some of the world's leading experts and epidemiologists to work out if China's data on covid deaths can be trusted - and, if not, what the real death toll could

Presenter: Paul Connolly Editor: Richard Vadon

Production co-ordinator: Brenda Brown

(A coffin is loaded from a hearse into a storage container at the Dongjiao crematorium which handles Covid-19 cases. Beijing China Dec 18 2022 /Getty images)

SAT 06:00 BBC News (w172ykqh462kl8d)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172ykwtw694xmm)

Republican Kevin McCarthy elected US House Speaker

Also on the programme, tension is rising between Armenia and Azerbaijan in the disputed area of Nagorno-Karabakh, And is money the solution to Japan's shrinking population problem?

Joining Celia Hatton to discuss this and more are Arzu Geybulla, an Azerbaijani journalist based in Istanbul, with a special focus on human rights and press freedom, and John Kampfner, British author, broadcaster and commentator. (Photo: U.S. House Republican Leader Kevin McCarthy celebrates being elected the next Speaker of the U.S. House of Representatives, Credit; Reuters).

SAT 07:00 BBC News (w172vkah462ka0i)

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172ykwtw6951cr)

US House of Representatives elects Speaker

Kevin McCarthy finally becomes Speaker of the US House of Representatives on the 15th vote following tense scenes on Capitol Hill

Also on the programme, will Harry's new book destroy the British Royal Family forever? And in Ukraine a start-up that raises money to buy bulletproof vests for civilians and journalists has been stopped due to concerns on intended to

Joining Celia Hatton to discuss this and more are Arzu Geybulla, an Azerbaijani journalist based in Istanbul, with a special focus on human rights and press freedom, and John Kampfner, British author, broadcaster and commentator, (Photo: House Republican Leader Kevin McCarthy delivers remarks following his victory on Capitol Hill in Washington. Credit: Shutterstock).

SAT 08:00 BBC News (w172vkgh462ktrn)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172ykwtw69553w)

Russians accused of opening fire despite Putin's unilateral truce

A unilateral ceasefire called by Vladimir Putin appears to have had little effect on the ground, with Ukrainian officials accusing Russians of opening fire in several areas. And New Yorker's journalist Luke Mogelson tells us what life is like in the war trenches as he gains rare access to the International Legion, a group of ex-soldiers fighting in the war to support Ukraine

(Photo: A Ukrainian soldier walks through trenches, as Russia's

invasion of Ukraine continues. Credit: Reuters).

SAT 08:30 BBC News Summary (w172vkr9kxp8611)

The latest two minute news summary from BBC World Service.

SAT 08:32 The Conversation (w3ct37n0)

Champions of women's football

Women's football is being played in front of record crowds—interest and attendance has soared and the game is flourishing but getting here hasn't been easy and there are still some significant hurdles to overcome. Kim Chakanetsa talks to two players at the very top of their game who have been instrumental in helping bring about change.

Sara Gama is captain of the Italy women's football team and Serie A club Juventus. Growing up she was unaware women even played football and was the only girl her team. She's been pivotal in gaining greater recognition and equality for the women's game in Italy which finally became professional in July 2022.

Women's football has changed a lot since Rafaelle Souza used to play barefoot with the boys in the small town in Brazil where she grew up. Rafa went to the United States on a football scholarship and studied civil engineering, she then became the first foreigner to play for a club in China. She's now at Arsenal.

Produced by Jane Thurlow

(Image: (L) Sara Gama, credit Getty Images. (R) Rafaelle Souza, credit Getty Images.)

SAT 09:00 BBC News (w172ykqh462kyhs)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct418m) Farewell to Pele

He transformed his sport, inspired generations on and off the field, and is even said to have halted a war in Africa. He's also the only man ever to have won three World Cups, the first of these when he was only 17. Edson Arantes do Nascimento, or 'Pele' as he became known, is thought by most to have been the greatest footballer to grace this planet.

He died on 29th December, aged 82.

Pele's rise from poverty to global superstardom, made him the closest thing to royalty in Brazil. His success and his entertaining football changed the way the rest of the world saw his country, and provided a black role model for young people everywhere.

Host James Reynolds has been in Santos, Pele's adopted hometown. He was among the crowds on the streets at the funeral procession, as they celebrated this sporting legend's long life. He joined fans in a Santos football bar, and also witnessed the quiet reflection of those who filed past his coffin in the stadium where Pele created many memories.

James hears from people whose lives were touched by Pele and the effect he had on them. He also brings together three black Brazilians to discuss inequality and diversity in their country and to what extent Pele made a difference.

(Photo: Members of the National Guard are pictured as the casket of Brazilian soccer legend Pele is transported by the fire department, from his former club Santos" Vila Belmiro stadium. Credit: REUTERS/Amanda Perobelli)

SAT 09:30 BBC News Summary (w172ykr9kxp89s5)

The latest two minute news summary from BBC World Service.

SAT 09:32 Pick of the World (w3ct41xx)

'My friend, the serial killer'

The US nurse who realised her colleague and friend was killing patients. Plus, The Dark is Rising climbs global podcast charts, the world bids farewell to Brazil's most famous footballing son, Pele - and we remember the Japanese man who invented the instant noodle.

SAT 09:50 Over to You (w3ct35tc)

Listeners' review of the past year on the World Service

We begin the first show of the new year with your thoughts on what you heard on the BBC World Service over the past 12 months. What subjects in 2022 caught your attention? And what shows perhaps didn't quite hit the nail on the head? The Inquiry, the Documentary, Outside Source, the Forum and Hardtalk all fall under the spotlight.

Presenter: Rajan Datar

Producer: Howard Shannon A Whistledown Production for the BBC World Service

SAT 10:00 BBC News (w172ykqh462l27x)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w3ct363d)

Mo Bamba: NBA star finds 'home' in Ivory Coast

Orlando Magic's Mo Bamba is one of the most recognisable names in basketball, and not just because rapper Sheck Wes named his viral song after him. He was born in New York City to parents who emigrated to the United States from Ivory Coast, and grandparents from Mali. He joins Sportshour's Caroline Barker to discuss the importance of keeping in touch with your roots and developing basketball in the place he says feels like "home".

It's FA Cup third round weekend and Wrexham are the thirdlowest ranked side left in the competition. It's been a whirlwind couple of seasons for The Red Dragons which has seen them taken over by Hollywood stars Ryan Reynolds and Rob McElhenney. Despite their newfound global fame, Wrexham have been a force to be reckoned with in the FA Cup for a long time. In 1992, they caused one of the greatest shocks in its history as they beat reigning league champions Arsenal. We hear from Mickey Thomas, who scored in that game 31 years ago.

After the death of fellow runner Agnes Tirop, Kenya's half marathon world champion Mary Ngugi decided that enough was enough. She's taken it upon herself to try to create a safer environment for women and girls across the country. She tells us about setting up what is believed to be Kenya's first ever women's-only training camp.

When 13-year-old Makar Marynoshenko left his home and his father in Ukraine because of the war with Russia, he also had to leave his football team Dynamo Kyiv, where he had ambitions of turning professional. After finding a new home in Omagh, Northern Ireland, he's keeping his dream alive.

Plus, we pay tribute to American motorsport legend Ken Block and footballing icon Gianluca Vialli, who both passed away earlier this week.

(Photo by Nic Antaya/Getty Images)

SAT 11:00 BBC News (w172ykqh462l601)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172yl83jlfkjmf)

The world's Newsroom brings you global events as they happen

SAT 11:30 BBC News Summary (w172ykr9kxp8k8f)

The latest two minute news summary from BBC World Service.

SAT 11:32 The Climate Question (w3ct3kk2)

Can we reduce lives lost from extreme weather?

Extreme weather is becoming even more extreme thanks to climate change. Countless lives are claimed by heatwaves, cold snaps, cyclones, droughts and torrential rains every year around the world. Climate change threatens to make things worse. But the United Nations is spearheading new action to make sure every person on Earth is protected by early warning systems within the next five years. It's hoped that this could dramatically reduce the numbers of deaths caused by extreme weather.

Presenters Neal Razzell and Graihagh Jackson were joined by: Laura Paterson, from the World Meteorological Organization Ilan Kelman, Professor of Disasters and Health at the Institute for Risk and Disaster Reduction at University College, London, UK and University of Agder, in Kristiansand, Norway. Hasin Jahan, the Director of WaterAid in Banglasdesh Reporter: BBC's Nicolas Négoce in Senegal

Email us: theclimatequestion@bbc.com

Production Team

Producer: Claire Bowes

Production coordinators: Helena Warick-Cross and Siobhan Reed

Series producers: Jordan Dunbar & Alex Lewis Editor: Richard Fenton Smith

Sound Engineer: James Beard

SAT 12:00 BBC News (w172ykqh462l9r5)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 World Book Club (w3ct3c7s)

Anuk Arudpragasam: A Passage North

A Passage North explores the impact of the vicious Sri Lankan civil war between Tamil and Sinhalese which tore Sri Lanka apart for two and a half decades before a fragile ceasefire was finally reached in 2009. When Krishan learns that his grandmother's former carer Rani has died he makes the long journey north to attend the funeral across a country still traumatised and scarred by its recent past.

Written with precision and grace, A Passage North is a poignant memorial for the missing and the dead, and an unsettling meditation on what it means to have observed the war from a far rather than to have been personally caught up in its horrors.

(Picture: Anuk Arudpragasam. Photo credit: Ruvin De Silva.)

SAT 13:00 BBC News (w172vkqh462lfh9)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172yfcd7cvnzfl)

Kevin McCarthy finally voted US House speaker

Kevin McCarthy has been elected Speaker of the US House of Representatives after heated exchanges which almost saw fellow Republicans come to blows. We ask what this drama tells us about the state of US politics today.

Also in the programme; two more Iranian protesters are executed for crimes described as corruption on earth; and how a young far-right generation is being deliberately moulded in Russia.

Photo: Kevin McCarthy is sworn in as speaker of the US House of Representatives Credit: Shawn Thew/EPA-FFF/REX/Shutterstock

SAT 14:00 BBC News (w172ykqh462lk7f)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172ygk4bx8m786)

Live Sporting Action

Lee James presents live from Middlesbrough's Riverside Stadium on FA Cup third round weekend, where he'll be joined by the former Middlesbrough and Argentina Under-21 international Julio Arca to build up Saturday's 22 FA Cup games, including live commentary of Blackpool against Nottingham Forest at Bloomfield Road.

We'll also reflect on the fourth day of the third Test between Australia and South Africa in Sydney, discuss the day's action at tennis' United Cup, and hear at length from Martin O'Neill, as he sits down to reflect on his trophy-laden career as a player and

Photo: An Emirates FA Cup logo on the sleeve of Elliott Bennett of Shrewsbury Town during the Emirates FA Cup First Round match between Shrewsbury Town and York City. (Credit: AMA/Getty Images)

SAT 18:00 BBC News (w172ykqh462m16y)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172yl83jlflcvb)

The world's Newsroom brings you global events as they happen

SAT 18:30 BBC News Summary (w172ykr9kxp9dhb) The latest two minute news summary from BBC World Service.

The latest two minute news summary from BBC World Service

SAT 18:32 Kalki Presents: My Indian Life (w3ct4kg7) [Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct36gp)

Kenya's first Winter Olympian

In 1998, a Kenyan farmer called Philip Boit became one of the first Africans to compete in the Winter Olympics. In the 10-kilometre cross-country skiing final he faced the legendary Norwegian, Bjorn Daehlie. It was a race that would unite the two athletes and inspire future Winter Olympians across Africa. Maddy Savage spoke to both skiers in 2014.

(Photo: Bjoern Daehlie of Norway congratulates Philip Boit of Kenya after Boit finished the mens 10k cross country race at Snow Harp during the 1998 Winter Olympic Games in Nagano, Japan. Credit: Getty Images)

SAT 19:00 BBC News (w172vkqh462m4z2)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 BBC OS Conversations (w3ct418m)

[Repeat of broadcast at 09:06 today]

SAT 19:30 BBC News Summary (w172ykr9kxp9j7g)

The latest two minute news summary from BBC World Service.

SAT 19:32 Outlook (w3ct41fm)

'A little bit Indiana Jones

Archaeologist Harald Meller believes we underestimate the intelligence and culture of prehistoric people. Fascinated by the ancient world since childhood, he's now based at the Museum of Prehistory in Halle, Germany. In 2001, a chance visit to a colleague in Berlin resulted in him hearing about a unique ancient artefact that had come to light: a spellbindingly beautiful metal disc illustrated with depictions of the stars and

Looking at photos of the disc, Harald knew immediately that it was important - and that it could change everything we thought we knew about astronomy in the prehistoric era. There was just one snag: it was in the hands of the wrong people. Today on Outlook, he tells Mobeen Azhar about how he became the front man in a daring police operation to recover what would become known as the Nebra Sky Disc from the black market.

Get in touch: outlook@bbc.com

Presenter: Mobeen Azhar

(Photo: The Nebra Sky Disk. Credit: Fine Art Images/Heritage Images/Getty Image)

SAT 20:00 BBC News (w172ykqh462m8q6)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct3919)

Whoopi Goldberg on films, fame and Dr Who

Nikki Bedi is joined by Whoopi Goldberg. She talks about her latest film Till, which she stars in and also produces....and a whole lot more besides

Nikki also speaks with Spanish director Carla Simon, whose film Alcarras won the 2022 Golden Bear award at Berlin Film Festival.

Film composer Simon Franglen talks about working with director James Cameron on the new Avatar film

And critic Rhianna Dhillon has some viewing recommendations to look forward to in 2023.

(Photo: Whoopi Goldberg. Credit: Arturo Holmes/Getty Images)

SAT 21:00 BBC News (w172vkqh462mdgb)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172yfcd7cvpydm)

Fighting continues in Ukraine on Orthodox Christmas Day

We report from the frontline city of Bakhrut; and a glimpse of Christmas for Ukrainian refugees in the UK.

Also in the programme: the shooting of a primary school teacher by a six-year-old boy who took a loaded handgun to school; and the spy known as the 'Oueen of Cuba' is released from prison in the US.

(Photo: Believers attend an Orthodox Christmas service at the compound of the Kyiv Pechersk Lavra monastery in Ukraine. Credit: REUTERS/Valentyn Ogirenko)

SAT 22:00 BBC News (w172ykqh462mj6g)

The latest five minute news bulletin from BBC World Service.

SAT 22:06 The Newsroom (w172vrx7p3sbi81)

The world's Newsroom brings you global events as they happen

SAT 22:20 Sports News (w172yghhgg28m7r)

BBC Sport brings you all the latest stories and results from around the world.

SAT 22:30 BBC News Summary (w172vkr9kxp9wgv)

The latest two minute news summary from BBC World Service.

SAT 22:32 The Cultural Frontline (w3ct37sl)

Brazil's small utopias

As Brazil enters a challenging and uncertain era under the new president, British-Brazilian writer Yara Rodrigues Fowler talks to its artists about the small utopias they are creating.

Writer Natalia Borges Polesso centres the non-romantic relationships of queer characters to forge precious connections in a country that is increasingly polarised. In her short story collection, Amora, she wanted readers to feel understood, while her latest novel The Extinction of Bees, urges readers to see the collapse happening all around them, and reimagine their present in order to create a better future.

In 2018, the sacred Indigenous cave of Kamakuwaká was vandalised. Photographer Piratá Waujá is helping his community to create a virtual reality experience in order to preserve their culture for future generations, and challenge fake news about Indigenous people.

Keyna Eleison, the co-artistic director of the Modern Art Museum in Rio de Janeiro, takes us around Nakoada, the centenary exhibition of the birth of Brazilian Modernism. She discusses how humour can slowly shift the Eurocentric definition of art, and the importance of diverse collaborations in leaving an 'intelligent' legacy.

Elisa Larkin Nascimento, activist and collaborator of the late polymath Abdias Nascimento, is thrilled to have a two-year exhibition of the Black Art Museum in rural Brazil. She opens it with an ancient Afro-Brazilian procession in order to strengthen links with the surrounding quilombos, or communities of runaway enslaved people.

As the new president, Lula, makes ambitious commitments to diverse communities and the arts, what do they hope might change for them and their work?

Producer: Eloise Stevens

An Overcoat Media production for BBC World Service

Image: Dramatist Leda Maria Martins with Congado Mineiro at Inhotim (Credit: Zezzvinho Andraddy)

SAT 23:00 BBC News (w172ykqh462mmyl)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 Music Life (w3ct30l1)

Breaking the mould, with Jockstrap, Flux Pavilion and Mala

Jockstrap, Flux Pavilion and Mala discuss writing music on games consoles, passing the baton between each other in collaboration, music connecting in the right time and place, and hearing your songs in a club.

Jockstrap are Georgia Ellery and Taylor Skye, a duo from London who are changing the indie world with their genrebending debut album I Love You Jennifer B. The pair met when Georgia was studying jazz and spotted Taylor wearing tartan pyiamas on his way to do his laundry. They meld together a kaleidoscopic blend of pop, disco, jazz, dubstep, with classical influences, impressionistic lyrics, and lush melodies

For more than a decade, electronic producer and dubstep trailblazer Josh Steele, aka Flux Pavilion, pioneered new bass sounds for the dancefloor, before co-founding the influential Circus Records label. He's now in a new era of productivity, using analog synth-driven melodies to create new soundscapes

Pioneering dance music producer and DJ Mark Lawrence, aka Mala, changed UK dance music forever with the creation of dubstep, slowing down the tempo, increasing the snap of the percussion, and adding shelf-wobbling, ear-splitting bass to the music. He's also the co-founder of production duo Digital Mystikz.

SUNDAY 08 JANUARY 2023

SUN 00:00 BBC News (w172vkgh462mrpg)

The latest five minute news bulletin from BBC World Service.

SUN 00:06 BBC OS Conversations (w3ct418m)

[Repeat of broadcast at 09:06 on Saturday]

SUN 00:30 BBC News Summary (w172ykr9kxpb3z3)

The latest two minute news summary from BBC World Service.

SUN 00:32 Kalki Presents: My Indian Life (w3ct4kg7) Supported by bbc.co.uk/programmes/

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 More or Less (w3ct3k5t)

[Repeat of broadcast at 05:50 on Saturday]

SUN 01:00 BBC News (w172vkqh462mwfv)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Science Hour (w3ct3b0b)

One year on from the Tonga eruption

We're taking a look back at the January 2022 eruption of Hunga Tonga-Hunga Ha'apai, which literally sent shockwaves around the world. One year on, and we're still uncovering what made the volcano so powerful, as well as unpacking its long lasting

Roland is joined by Professor Shane Cronin from the University of Auckland and Dr Marta Ribó from the Auckland University of Technology to share their findings from their latest trip to survey the volcano

The impacts of the eruption weren't just felt on Earth - they also reached all the way to space. Physicist Claire Gasque from the University of California, Berkeley, has been analysing how the eruption affected space weather.

Amongst all the material ejected by Hunga Tonga was a huge amount of water. The massive water vapour cloud is still present in our atmosphere, as Professor Simon Carn from the Michigan Technological University tells us.

The volcano also triggered tsunamis worldwide. Disaster sociologist Dr Sara McBride from the US Geological Survey has been using video footage of the event to analyse how people responded and how we can better prepare for future eruptions.

How do we stay up when we ride a bicycle? Lots of us can do it without even thinking about it, but probably very few of us can say exactly HOW we do it. Well, CrowdScience listener Arif and his children Marvam and Mohammed from India want to understand what's going on in our heads when go for a cycle, and how we learn to do it in the first place.

Presenter Marnie Chesterton is on the case, tracking down a neuroscientist studying how our brains and bodies work together to keep us balanced whether we're walking or trying to ride a bicycle. She learns about the quirks of bicycle engineering from researchers in the Netherlands who are part of a lab entirely devoted to answering this question. In the proc falling off of some unusual bicycles and uncovering the surprising truth that physics might not yet have a proper an And we peer deeper into our brains to find out why some memories last longer than others, whether some people can learn quicker than others and the best way to learn a new skill.

Image Credit: Tonga Geological Services

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SUN 02:30 BBC News Summary (w172ykr9kxpbcgc)

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SUN 02:32 Health Check (w3ct32xk) Regret

Claudia Hammond explores the psychology of regret with an audience at the Cheltenham Science Festival. What role do rueful thoughts on "what might have been" play in our lives? Is regret a wasted emotion or does it have some hidden benefits?

Joining Claudia on stage: Teresa McCormack - Professor of Cognitive Development at the School of Psychology, Queen's University Belfast who researches how regret in childhood can shape our decisions; novelist and essayist Sophie White - whose latest novel The Snag List examines the opportunity to go back in life and follow the road not taken; Fuschia Sirois - Professor of social and health psychology at Durham University whose research examines the impact of those "what if" thoughts on our health and wellbeing.

Producer Adrian Washbourne

SUN 03:00 BBC News (w172vkah462n3v3)

SUN 03:06 World Book Club (w3ct3c7s)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172ykqh462n7p7)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct32bh) Russia's New Year war footing

Pascale Harter introduces dispatches from BBC correspondents and journalists in Russia, the US-Mexico border, Brazil and South Korea.

The holiday season has had a distinctly militarised flavour in Russia this year. As the Russian Orthodox calendar marks Christmas, Steve Rosenberg describes how things look from the streets of Moscow – and how many of the people he meets appear convinced by the Kremlin's line on Ukraine.

The harsh, baking-hot landscape of the Sonoran desert, which sprawls across the USA-Mexico border, is tough country. But it's not empty territory; people-smugglers often move convoys of would-be migrants through the area. They're risking their lives – and one group of volunteers based in Tucson, Arizona, is on a mission to find those who fall along the way.

Luiz Inacio "Lula" da Silva has been sworn in as President of Brazil – for the third time in his life. Katy Watson was at the inauguration ceremony in Brasilia, and considers the social and political divides he must try to bridge as he returns to govern this vast nation.

And amid the tiny flats, high-rise buildings and dizzying rents of Seoul, John Murphy explores some of the obstacles to setting up home in South Korea. While the "K-wave" or hallyu has swept the world and made the country a global cultural superpower, Koreans have developed their own set of buzzwords for tactics to survive its hectic housing market.

SUN 04:30 BBC News Summary (w172ykr9kxpblym) The latest two minute news summary from BBC World Service.

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SUN 04:32 The Cultural Frontline (w3ct37sl)

[Repeat of broadcast at 22:32 on Saturday]

SUN 05:00 BBC News (w172ykqh462ncfc)

The latest five minute news bulletin from BBC World Service.

SUN~05:06~The~Newsroom~(w172yl83jlfmq1r)

The world's Newsroom brings you global events as they happen

SUN 05:30 BBC News Summary (w172ykr9kxpbqpr)

The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct4m2h)

Kids who care

Oritsé Williams became a young carer aged 12, when his mother contracted multiple sclerosis and he had to take responsibility for looking after her and two younger siblings. During his teenage years, he had a dream: to become a singer and make plenty of money so that he could fund research to find a cure for his mum. At least part of that dream came true when Oritsé and his band, JLS, were runners-up in a national

But Oritsé never forgot his early years as a young, unpaid carer. He meets the next generation of kids who care – in the UK, Uganda and El Salvador. He learns about the challenges these children and teenagers face, but also hears stories of resilience and hope. Among the children are 13-year-old Amber, who looks after two sick and disabled parents; 15-year-old Jordan, whose care role ties him to the house almost completely; and 13-year-old Gloria from Uganda, who looks after four younger siblings all on her own.

Experts estimate that one in 10 children in the UK shoulders heavy care duties, while as many as one in five have a lighter caring role. Many of these children struggle at school or face bullying; but as Oritsé discovers, they also develop astonishing resilience, resourcefulness and empathy.

Producer: Kristine Pommert and Ewan Newbigging-Lister A CTVC production for BBC World Service

(Photo: Amber (L) and Oritse (R). Credit: CTVC)

SUN 06:00 BBC News (w172ykqh462nh5h)

The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172ykwtw697tjq)

China lifts travel restrictions

Quarantine is not necessary anymore for foreign travel into China as the county steps out of lockdown.

Also in the programme, even Orthodox Christmas couldn't stop the fighting in Ukraine. And the film industry struggles to deal with sexual misconduct and abuse.

Joining Celia Hatton to discuss this and more are Agathe Demarais, an economist and author and global forecasting director of the Economist Intelligence Unit in London and Gareth McLean, a British screenwriter and dramatist.

(Photo: People embrace at the international arrivals gate at Beijing Capital International Airport. Credit: Reuters).

SUN 07:00 BBC News (w172ykqh462nlxm)

The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172ykwtw697y8v)

Chinese Covid travel restrictions lifted

Visitors traveling into China will not have to quarantine anymore as the final Covid restrictions are lifted. Plus, civilians in Burkina Faso have been killed, with some suggesting it may have been the government's own forces.

And in Britain the Prime Minister wants all students to study maths until the age of eighteen.

Joining Celia Hatton to discuss this and more are Agathe Demarais, an economist and author and global forecasting director of the Economist Intelligence Unit in London and Gareth McLean, a British screenwriter and dramatist.

(Photo:Travellers queue up at Hong Kong's Lok Ma Chau border checkpoint on the first day China reopens the border. Credit: Reuters).

SUN 08:00 BBC News (w172ykqh462nqnr)

The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172ykwtw69820z)

China reopens borders in final farewell to zero-COVID

After three years, mainland China has opened sea and land crossings with Hong Kong and ended a requirement for incoming travellers to quarantine dismantling a final pillar of a zero-COVID policy that had shielded China's people from the virus but also cut them off from the rest of the world

Also in the programme: Burkina Faso is urged to investigate how 28 civilians were killed in the north-western town of Nouna; and the 80s British puppet show Spitting Image, a political comedy and satire, makes its return next month to the Birmingham Rep Theatre in the UK.

(Photo: A man holds flowers as he waits for a passenger at Beijing Capital International Airport. Credit: Reuters).

SUN 08:30 BBC News Summary (w172ykr9kxpc2y4)

The latest two minute news summary from BBC World Service.

SUN 08:32 The Food Chain (w3ct38p0) Chefs who changed course

Chers who changed course

Working as a chef can be creative and rewarding when people love your food, but it can also be demanding, requiring long and antisocial hours.

In this programme we hear about the highs and lows of working in some of the world's best kitchens, and why it ultimately isn't right for everyone.

Ruth Alexander speaks to three chefs who chose to leave the profession. Former head chef Philip Barantini in the UK is now a TV and film director, his film Boiling Point, released in 2021 is about a chef struggling to run a successful restaurant. Genevieve Yam left behind Michelin starred restaurants in New York to become a food writer, she's currently culinary editor at the website Serious Eats. Riley Redfern was a pastry chef in Michelin starred restaurants in San Francisco and New York, having lost her job in the pandemic, today she has a new career as a software developer.

If you've been affected by any of the issues raised in this programme, such as alcohol and drug dependance, you can access support via the BBC Action Line page - https://www.bbc.co.uk/actionline/

Excerpts from Boiling Point used courtesy of Vertigo

Releasing.

Presented by Ruth Alexander.

Produced by Beatrice Pickup.

(Image: chef cooking with open flame in frying pan in a professional kitchen. Credit: Getty Images/BBC)

SUN 09:00 BBC News (w172ykqh462nvdw)

The latest five minute news bulletin from BBC World Service.

SUN **09:06 From Our Own Correspondent (w3ct32bh)** [Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172ykr9kxpc6p8)

The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3ct41fm)

[Repeat of broadcast at 19:32 on Saturday]

SUN 10:00 BBC News (w172ykqh462nz50)

The latest five minute news bulletin from BBC World Service.

SUN 10:06 Trending (w3ct4lnm)

How humanitarian crises are exploited online

We investigate the money-making schemes that spring up on platforms like TikTok in the wake of conflict.

First - the war in Ukraine saw a wave of donations from ordinary citizens around the world. But as we discover, scammers have joined the fray, exploiting emotive content in a bid to siphon cash from the catastrophe.

And second - TikTok livestreams featuring Syrian refugees pleading for help are generating big money from sympathetic viewers online. We find out where most of the funds actually end up.

Reporter: Hannah Gelbart Producer: Sam Judah Editor: Flora Carmichael

SUN 10:30 BBC News Summary (w172ykr9kxpcbfd)

The latest two minute news summary from BBC World Service.

SUN 10:32 Heart and Soul (w3ct424f)

Pope Benedict XVI: A life and legacy

In this special programme to mark the death of Pope Benedict XVI, Colm Flynn explores the life story of the gentle German academic who became the spiritual leader of 1.3 billion Catholics all over the world.

The 95-year old Pope Emeritus died at the Vatican on New Year's Eve 2022. He will perhaps be best remembered as the first Pope to retire in 600 years. But his life and legacy is much more complicated and varied, with a papacy filled with both majestic spiritual moments and embarrassing and hurtful blunders.

Benedict led the Catholic Church for fewer than eight years but is considered by many to be one of the most influential religious leaders of modern times. Born Joseph Ratzinger in rural Bavaria, he has a deeply religious upbringing and trained for the priesthood along with his brother. Before becoming a bishop, he was a professor of theology, teaching in several universities. He embraced the spirit of change that blew through the Catholic Church in the 1960s, gaining a reputation as a progressive at the Second Vatican Council. But in later life, as head of the Catholic Church's doctrinal watchdog, he defended Catholic teaching fearlessly, even earning the nickname "God's Rottweiler".

As Pope, Benedict spoke out against what he called "the dictatorship of relativism", and produced deeply moving spiritual writings, drawing many young people to the Catholic faith. His papal visits always draw huge crowds and those who met him describe a gentle, kind and self-effacing man. His Papacy was overshadowed by the breaking scandals of decades of sexual abuse in the Church. And while Pope Benedict introduced ground-breaking reforms to tackle abuse, campaigners for survivors say he failed to deal with hundreds of cases.

Presenter/producer: Colm Flynn Editor: Helen Grady

Image: Pope Benedict XVI, pictured in 2020 (Credit: Leon Neal/PA)

SUN 11:00 BBC News (w172ykqh462p2x4)

The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172vl83jlfnfjj)

The world's Newsroom brings you global events as they happen

SUN 11:30 BBC News Summary (w172ykr9kxpcg5j)

The latest two minute news summary from BBC World Service.

SUN 11:32 The Compass (w3ct4m2j)

Sounds Of The City

Sounds of the city: Los Angeles

In a new series of Sounds of the City Peter White, who has been blind since birth, uses the sounds to guide him as he explores new parts of the globe.

In Los Angeles the sea quickly beckons and although it's a struggle, Peter dons a wetsuit and prepares for his first surfing lesson! He also explores the huge metropolis by metro, comes across tales of political intrigue and meets up with a blind friend, who explains how she uses smell as well as sound to guide her on her travels.

One thing that's clear from the moment he arrives, is how many homeless people Peter encounters as he moves around LA. He meets some of those living rough and joins them at an impromptu meal prepared by volunteers from a local church. When he leaves, he threads his way across several blocks to find a charity warehouse where the clothes are stacked high in huge bins. People rummage all day in the hope of finding bargains and gleefully share tips of their greatest finds.

(Photo: Peter White surfing.Credit: Peter White)

SUN 12:00 BBC News (w172vkah462p6n8)

The latest five minute news bulletin from BBC World Service.

SUN 12:06 The Inquiry (w3ct39v4)

Should other countries adopt Canada's immigration model?

Canada is just one of a number of countries with an ageing population and shrinking workforce. The second largest in the world in terms of land mass, and with a population of just 36 million, Canada has announced a plan to invite 1.5 million people to migrate there over the next three years. The ambitious target is not without challenge politically, the most prominent is the housing crisis currently being felt in the country.

Canada is not alone in needing more people of working age to bolster its economy, developed nations all around the globe are finding themselves in a similar situation and struggling to find answers. Despite this need, many countries remain reluctant to embrace the notion of inviting larger numbers of immigrants in for a whole host of reasons, from a lack of space to negative media portrayals of migrants. None-the-less, gaps in their skilled trades' sectors demand resolution, and increased immigration can offer it.

Whilst increased migration can help a country like Canada overcome the challenges of a diminishing labour force, it also has the effect of denying a migrant's home country of expertise. Not only can this have the effect of denying a country their brightest and best, it also comes with a financial cost too, with countries training more than they need in anticipation of losing a high percentage of those workers.

So this week on the Inquiry we're asking, should other countries adopt Canada's immigration model?

SUN 12:30 BBC News Summary (w172vkr9kxpckxn)

The latest two minute news summary from BBC World Service.

SUN 12:32 Assignment (w3ct304r)

South Korea: A room with a view

"It's like living in a cemetery." Jung Seongno lives in a banjiha, or semi-basement apartment in the South Korean capital Seoul. Last August parts of Seoul experienced major flooding. As a result several people, including a family of three, drowned in their banjiha. Seongno dreams of having a place where the sunlight and the wind can come in.

These subterranean dwellings are just one example of a growing wealth divide in Asia's fourth largest economy. With almost half of the country's population living in Greater Seoul, the struggle to find affordable housing has become a major political issue. It also contributes to Korea's worryingly low birth rate. The inability of young people to afford a home of their own means they are not starting families. Many have given up on relationships altogether.

John Murphy reports from Seoul, where owning a home of your own is so important and yet increasingly unattainable.

Produced and presented by John Murphy Producer in Seoul: Keith Keunhyung Park Studio mix: Rod Farquhar Production coordinator: Iona Hammond Series editor: Penny Murphy

Park Jongeon, his wife and dog live in this one room in one of Seoul's poor housing districts

Photo: BBC (John Murphy)

SUN 13:00 BBC News (w172vkqh462pbdd)

The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172vfcd7cvrwbp)

China lifts international travel restrictions

International travellers have been arriving in China by land and by air after the country lifted its self-imposed isolation after more than 1000 days, when the Covid-19 pandemic was first detected. We ask are the restrictions being lifted too quickly?

Also in the programme: Russia's self-declared ceasefire in Ukraine to mark Orthodox Christmas comes to end but we'll hear from a place where the attacks never stopped; and life as a drag queen in conservative South Korea

Photo: A man greets a woman who landed with international flight on the Pudong International Airport in Shanghai, China Credit: Alex Plavevski/EPA-EFE/REX/Shutterstock

SUN 14:00 BBC News (w172ykqh462pg4j)

The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Forum (w3ct38ti)

Forugh Farrokhzad: A trailblazing voice for women in Iran

Forugh Farrokhzad burst into the public consciousness with a series of poems that sent shockwaves through Persian society in the mid-1950s. Her early poetry focused on the female experience and female desire, overturning - in the words of one biographer – 1,000 years of Persian literature.

Her critics sought to dismiss her skills as a writer by seeing her poetry purely as a confessional outburst of a divorced woman. That attitude has tended to overshadow her achievements, although her private life is so compelling it's perhaps inevitable. Since her early death in a car accident, Forugh's life and poetry have been inspirational for many Iranians, who see in her an artist who was prepared to defy authority and convention to speak out.

Bridget Kendall is joined by Sholeh Wolpé, a writer-inresidence at the University of California, Irvine, She's a poet, playwright, librettist and translator of Forugh's work; author Jasmin Darznik, associate professor and chair of the creative writing progamme at California College of the Arts. Her novel, Song of a Captive Bird, is a re-imagining of Forugh's life inspired by her poetry, interviews and correspondence; and Levi Thompson, Assistant Professor of Persian and Arabic Literature in the Department of Middle Eastern Studies at the University of Texas at Austin. He's the author of Reorienting Modernism in Arabic and Persian Poetry.

Produced by Fiona Clampin for the BBC World Service

(Photo: Forugh Farrokhzad. Credit: Courtesy of Farrokhzadpoem.com)

SUN 14:50 Over to You (w3ct35tc)

[Repeat of broadcast at 09:50 on Saturday]

SUN 15:00 BBC News (w172vkgh462pkwn)

The latest five minute news bulletin from BBC World Service.

SUN 15:06 Sportsworld (w172ygk4bx8q7xf)

Live Sporting Action

Delyth Lloyd presents Sportsworld from the Etihad Stadium as Manchester City host Chelsea in the third round of the FA Cup. It will be the second time in a week the two times have played each other having also met in the Premier League on Thursday. We'll also get the latest updates from Sunday's other third round fixtures.

We'll get the latest at the opening PGA golf tournament of the vear: the Tournament of Champions in Hawaii, tennis's United Cup as well as the latest from football across Europe

Photo: An FA Cup banner is displayed in the crowd ahead of the English FA cup quarter-final football match between Crystal Palace and Everton. at Selhurst Park in south London on March 20, 2022. (Credit: AFP via Getty Images)

SUN 19:00 BBC News (w172ykqh462q1w5)

The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172vl83jlfpdhk)

The world's Newsroom brings you global events as they happen

SUN 19:30 BBC News Summary (w172vkr9kxpdf4k)

The latest two minute news summary from BBC World Service.

SUN 19:32 Heart and Soul (w3ct424f)

[Repeat of broadcast at 10:32 today]

SUN 20:00 BBC News (w172vkqh462q5m9)

The latest five minute news bulletin from BBC World Service.

SUN 20:06 The History Hour (w3ct39mc)

Pussy Riot and other Russian rebels

Max Pearson presents a compilation of this week's Witness History programmes from the BBC World Service.

You'll hear the story of how a protest led by the punk band Pussy Riot in one of Moscow's main cathedrals led to a trial which made the news inside Russia and around the world.

Then, historian Robert Service talks about other examples of rebellion, from the time of the Russian empire through to modern day.

Also, the man Chilean dictator Augusto Pinochet wanted dead, the most bizarre football match of all time and the African man who travelled across the world to live in the Arctic

(Photo: Pussy Riot, Credit: Getty Images)

Contributors:

Diana Burkot - member of Pussy Riot

Robert Service - Professor of Russian History at the University

Carmen Castillo - wife of Miguel Enriquez who led resistance against Augusto Pichochet

Paul Lambert - former Scotland footballer Alan Matarasso - American plastic surgeon Tété-Michel Kpomassie - Arctic explorer

SUN 21:00 BBC News (w172ykqh462q9cf)

The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172yfcd7cvsv9q)

Bolsonaro supporters storm Brazilian government offices

Thousands of supporters of Brazil's recently defeated president, Jair Bolsonaro, have invaded the National Congress, Supreme Court and Presidential palace.

Also in the programme: Rev Frank Chikane remembers the former South African apartheid minister, Adriaan Vlok, who tried to kill him but later repented; and tens of thousands of Orthodox Christians in Ethiopia celebrate Christmas in the historic town of Lalibela, the first time they've been able to do so in three years, because of the country's civil war.

(Photo: A man waves Brazil's flag as supporters of Brazil's former President Jair Bolsonaro demonstrate against President Luiz Inacio Lula da Silva, outside Brazil's National Congress in Brasilia, Brazil, 8 January 2023. Credit: Reuters/Adriano

SUN 22:00 BBC News (w172ykqh462qf3k)

The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Newsroom (w172yrx7p3sff54)

The world's Newsroom brings you global events as they happen

SUN 22:20 Sports News (w172yghhgg2cj4v)

BBC Sport brings you all the latest stories and results from around the world.

SUN 22:30 BBC News Summary (w172ykr9kxpdscy)

The latest two minute news summary from BBC World Service.

SUN 22:32 Outlook (w3ct41fm)

[Repeat of broadcast at 19:32 on Saturdav]

SUN 23:00 BBC News (w172ykqh462qjvp)

The latest five minute news bulletin from BBC World Service.

SUN 23:06 Trending (w3ct4lnm)

[Repeat of broadcast at 10:06 today]

SUN 23:30 BBC News Summary (w172vkr9kxpdx42)

The latest two minute news summary from BBC World Service.

SUN 23:32 Pick of the World (w3ct41xx)

[Repeat of broadcast at 09:32 on Saturday]

SUN 23:50 Over to You (w3ct35tc)

[Repeat of broadcast at 09:50 on Saturday]

MONDAY 09 JANUARY 2023

MON 00:00 BBC News (w172ykqhhgcvhvz)

The latest five minute news bulletin from BBC World Service.

MON 00:06 From Our Own Correspondent (w3ct32bh) [Repeat of broadcast at 04:06 on Sunday]

MON 00:30 BBC News Summary (w172ykr9y5zjw4c)

The latest two minute news summary from BBC World Service.

MON 00:32 Heart and Soul (w3ct424f)

[Repeat of broadcast at 10:32 on Sunday]

MON 01:00 BBC News (w172vkghhgcvmm3)

The latest five minute news bulletin from BBC World Service.

MON 01:06 The Newsroom (w172yl83wvqtz7h)

The world's Newsroom brings you global events as they happen

MON 01:30 BBC News Summary (w172ykr9y5zjzwh)

The latest two minute news summary from BBC World Service.

MON 01:32 Discovery (w3ct30cj)

Tooth and Claw: Wasps

Why do wasps exist? While many see them as unfriendly bees who sting out of spite, their aggression could be interpreted as a fierce form of family protection. They are hugely understudied and even more underappreciated, with hundreds of thousands of different species carrying out jobs in our ecosystems. Some live together in nests whereas others hunt solo, paralysing prey with antibiotic-laden venom. In abundance, they can destroy environments - outcompeting most creatures and taking resource for themselves - but could we harness their predatory powers to take on pest control? Adam Hart and guests are abuzz about this much-maligned insect and explore why we should be giving them more credit.

Professor Seirian Sumner, behavioural ecologist at University College London, and Dr Jenny Jandt, ecologist at University of Otago, New Zealand.

MON 02:00 BBC News (w172ykqhhgcvrc7)

The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172vl83wvqv2zm)

The world's Newsroom brings you global events as they happen

MON 02:30 BBC News Summary (w172ykr9y5zk3mm)

The latest two minute news summary from BBC World Service.

MON 02:32 The Climate Question (w3ct3kk3)

Can renewables be used for heating?

Half of all the energy we use globally goes on heating and cooling. We need heating for all sorts of things; from keeping our homes warm to industry which needs super high temperatures.

At the moment, the heat we use is mostly powered by polluting fossil fuels, a huge driver of climate change. But can renewables deliver the high temperatures and a constant supply which are so vital?

In this episode we visit the world's first commercial-scale sand battery in Finland and find out how it's using renewables to heat 100 homes and a public swimming pool.

Presenters Luke Jones and Graihagh Jackson are joined by: Erika Benke, Journalist, Finland

Professor Amin Al-Habaibeh, Professor of Intelligen Engineering Systems, Nottingham Trent University Professor Dan Gladwin, Department of Electronic and Electrical Engineering, University of Sheffield And BBC Brasil journalist Nathalia Passarinho on the swearing in of Luiz Inacio Lula da Silva as President and his climate

Email us: theclimatequestion@bbc.com

Producer: Lily Freeston Researcher: Natasha Fernandes

Production Coordinators: Siobhan Reed and Helena Warwick-

Series Producer: Alex Lewis Editor: Bridget Harney

Sound Engineers: Tom Brignell and Graham Puddifoot

MON 03:00 BBC News (w172vkqhhgcvw3c)

The latest five minute news bulletin from BBC World Service.

MON 03:06 Tech Tent (w3ct4khz)

Tech Tent goes to CES

Tech Tent is in Las Vegas, in the US, for CES, one of the world's biggest and most important tech shows. We discuss the future of VR, and the ethics of AI - and meet the exhibitors hoping they've invented the next big thing. And Silicon Valley reporter James Clayton joins Zoe to take the temperature of the industry after a bumpy year in 2022.

(PHOTO: Attendees at CES Photo by Robyn BECK / AFP, via

MON 03:30 BBC News Summary (w172ykr9y5zk7cr)

The latest two minute news summary from BBC World Service.

MON 03:32 Pick of the World (w3ct41xx)

[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 Over to You (w3ct35tc)

[Repeat of broadcast at 09:50 on Saturday]

MON 04:00 BBC News (w172ykqhhgcvzvh)

The latest five minute news bulletin from BBC World Service

MON 04:06 The Newsroom (w172yl83wvqvbgw)

The world's Newsroom brings you global events as they happen

MON 04:30 BBC News Summary (w172vkr9v5zkc3w)

The latest two minute news summary from BBC World Service.

MON 04:32 The Conversation (w3ct37n1)

Women fighting for equality in divorce

Divorces are often messy. In countries like Turkey and Egypt, they can also put women at risk of losing everything: their financial independence, the right to see their children, and their

İpek Bozkurt is a lawver based in Istanbul. She focuses on cases of violence against women and works with a grassroot organisation called We Will Stop Femicide. Her story was featured in the documentary "Dving to Divorce", which was the UK's official entry for the Best International Feature Film category at the 2022 Academy Awards.

Nada Nashat is a human rights activist based in Cairo. She is the Advocacy Coordinator at the Center for Egyptian Women's Legal Assistance (CEWLA), an organisation supporting women who want to divorce their husbands. She's also campaigning to make divorce legislation fairer.

Produced by Lorna Treen

(Image: (L) Nada Nashat, courtesy Nada Nashat. (R) İpek Bozkurt, courtesy İpek Bozkurt.)

MON 05:00 BBC News (w172ykqhhgcw3lm)

The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172yf8y8gbwr81)

Bolsonaro supporters storm Congress

The Brazilian president, Luis Inacio Lula da Silva, has been to see the damage inflicted on Congress after it was ransacked by supporters of his predecessor, Jair Bolsonaro. Police have regained control of the site and have made hundreds of arrests. Mr Bolsonaro has rejected allegations that he instigated the

US president Joe Biden made a stop in El Paso, Texas on Sunday on his way to Mexico, walking along the border wall that separates the two countries for the first time since he entered office two years ago.

And baby deposit boxes in Namibia.

MON 06:00 BBC News (w172ykqhhgcw7br)

The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172yf8y8gbww05)

Lula vows to punish supporters of Bolsonaro after riot

Brazil's President Luiz Inácio Lula da Silva has vowed to punish supporters of the country's ex-leader, Jair Bolsonaro, after they stormed Congress. Mr Bolsonaro has rejected allegations that he instigated the unrest.

US president Joe Biden has made a stop in El Paso, Texas on his way to Mexico, walking along the border wall that separates the two countries for the first time since he entered office two

And China has reopened its borders to international visitors for the first time since it imposed travel restrictions in March 2020.

MON 07:00 BBC News (w172ykqhhgcwc2w)

The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172vf8v8gbwzr9)

World leaders condemn Brazil violence

The Brazilian president, Luiz Inácio Lula da Silva, has inspected the damage inflicted on Congress after it was ransacked by supporters of his predecessor, Jair Bolsonaro. Police have regained control of the site and have made hundreds of arrests. Mr Bolsonaro has rejected allegations that he instigated the unrest.

US president Joe Biden has made a stop in El Paso, Texas on his way to Mexico, walking along the border wall that separates the two countries for the first time since he entered office two years ago.

And an old map made by German soldiers during World War Two sparks a treasure hunt in the Netherlands.

MON 08:00 BBC News (w172ykqhhgcwgv0)

The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3ct32mk)

Waheed Arian: Migration in the Western world

War and extreme poverty drive millions of people from their homes every year. Some of them try to reach the rich Western world, where such inward migration routinely prompts fear and draconian counter-measures. Stephen Sackur interviews Waheed Arian, who fled war in Afghanistan as a child, made it to the UK and is now a doctor running his own medical charity. Do perceptions change when the story of migration is personalised?

MON 08:30 BBC News Summary (w172ykr9y5zkv3d)

The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct30vc)

Business and conscription in Russia

Victoriya Holland investigates how businesses in Russia are surviving, as tens of thousands of men of working age are called up by the government to fight in the illegal war against Ukraine.

On the 21st September 2022, the Russian President, Vladimir Putin, announced a partial mobilisation of 300 thousand reservists to fight in Ukraine. After this announcement thousands of young men fled abroad.

We hear from business owners that have staved in Russia and now face real difficulties in terms of staffing, and from those who have chosen to relocate their operations entirely.

Presenter / producer: Victoriya Holland Image: Conscripted citizens in Russia; Credit: Getty Images

MON 08:50 Witness History (w3ct3bzx)

Plastics in ocea

In 1971, marine biologist Edward Carpenter made a shocking discovery finding small bits of plastics floating thousands of miles of the east coast of America in the Atlantic Ocean

More than 50 years later he tells the story of how he had to fight hard to get the scientific world to take notice of his discovery.

He also tells Alex Collins about when plastics in oceans went

(Photo: Turtle. Credit: Getty Images)

MON 09:00 BBC News (w172vkqhhgcwll4)

The latest five minute news bulletin from BBC World Service.

MON 09:06 The Newsroom (w172vl83wvqvv6j)

The world's Newsroom brings you global events as they happen

MON 09:30 BBC News Summary (w172vkr9v5zkyvj)

The latest two minute news summary from BBC World Service.

MON 09:32 The Climate Ouestion (w3ct3kk3)

[Repeat of broadcast at 02:32 today]

MON 10:00 BBC News (w172ykqhhgcwqb8)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The Cultural Frontline (w3ct37sl)

[Repeat of broadcast at 22:32 on Saturday]

MON 10:30 BBC News Summary (w172ykr9y5zl2ln)

The latest two minute news summary from BBC World Service.

MON 10:32 Kalki Presents: My Indian Life (w3ct4kg7)

[Repeat of broadcast at 05:32 on Saturday]

MON 10:50 More or Less (w3ct3k5t)

[Repeat of broadcast at 05:50 on Saturday]

MON 11:00 BBC News (w172vkahhacwv2d)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172yl83wvqw5ps)

The world's Newsroom brings you global events as they happen

MON 11:30 BBC News Summary (w172ykr9y5zl6bs)

The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3ct37n1)

[Repeat of broadcast at 04:32 today]

MON 12:00 BBC News (w172vkahhgcwyti)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct34pf)

Duty-bound: My secret life as Officer Clemmons

Francois Clemmons is a singer and founder of the Harlem Spiritual Ensemble in America, but he became famous as an actor when he played the role of Officer Clemmons in the hit children's TV programme 'Mister Rogers Neighborhood'. He joined the show in 1968, and was an important role model for young African American children, but then he had to make a difficult decision. As a gay man he was told that his sexuality was not compatible with his TV role, so he had to choose between his sexuality and his TV career. Although he chose the latter, he was able to be open about his sexuality years later. He tells Jo Fidgen how much the show meant to him over the years and how forming his spiritual ensemble was a dream come true

He's written a book called Officer Clemmons: A Memoir, This interview was first broadcast in 2020

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen

(Photo: Clemmons with Fred Rogers. Credit: The Fred Rogers

MON 12:50 Witness History (w3ct3bzx) [Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172ykqhhgcx2kn)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172yl83wvqwf61)

The world's Newsroom brings you global events as they happen

MON 13:30 BBC News Summary (w172ykr9y5zlfv1)

The latest two minute news summary from BBC World Service.

MON 13:32 CrowdScience (w3ct3j81)

How do you balance on a bicycle

ow do we stay up when we ride a bicycle? Lots of us can do it without even thinking about it, but probably very few of us can say exactly HOW we do it. Well, CrowdScience listener Arif and his children Maryam and Mohammed from India want to understand what's going on in our heads when go for a cycle, and how we learn to do it in the first place.

Presenter Marnie Chesterton is on the case, tracking down a neuroscientist studying how our brains and bodies work together to keep us balanced whether we're walking or trying to ride a bicycle. She learns about the quirks of bicycle engineering from researchers in the Netherlands who are part of a lab entirely devoted to answering this question. In the process falling off of some unusual bicycles and uncovering the surprising truth that physics might not yet have a proper answer. And we peer deeper into our brains to find out why some memories last longer than others, whether some people can learn quicker than others and the best way to learn a new skill.

Presented by Marnie Chesterton and Produced by Emily Bird for the BBC World Service.

Featuring:

Kathleen Cullen, Johns Hopkins University, USA Jason Moore, University of Technology Delft, The Netherlands Lara Boyd, University of British Columbia, Canada Rado Dukalski, University of Technology Delft, The Netherlands

Josie and Freesia, Pedal Power

[Image: Family riding bikes. Credit: Getty Images]

MON 14:00 BBC News (w172vkahhgcx69s)

The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172yfcdln4zr82)

Brazil: 'Rioters will face the full force of the law

In Brazil, President Lula pledges to take action against supporters of the previous President, Jair Bolsanaro, who smashed their way into the Senate chamber, the presidential palace and the Supreme Court. Also in the programme: Pakistan asks the UN for more than \$16bn to help rebuild the country after devastating floods last year and Nick Marsh reports from South Korea where stringent Covid restrictions are being placed on travellers from China.

(Picture Credit: EPA Supporters of Brazil's former President Jair Bolsonaro demonstrate against President Luiz Inacio Lula da Silva, in Brasilia, Brazil)

MON 15:00 BBC News (w172ykqhhgcxb1x)

The latest five minute news bulletin from BBC World Service.

MON 15:06 HARDtalk (w3ct32mk)

[Repeat of broadcast at 08:06 today]

MON 15:30 BBC News Summary (w172ykr9y5zlpb9)

The latest two minute news summary from BBC World Service.

MON 15:32 World Business Report (w3ct3g0h)

China reopening: How does the world respond?

On the day China reopens its borders after 3 years, we hear from those inside the country about what they hope the new freedoms will bring. We also find out what it means for countries looking to welcome Chinese tourists, as Covid cases surge in the country.

We get the latest from the UN Conference in Geneva discussing raising funds for Pakistan to rebuild following the massive

And with India's drone industry booming, we learn how the

government there wants to transform the country into a global drone hub by 2030.

(Picture: Members of the news media watch Chinese tourists arriving at the Suvarnabhumi International Airport in Samut Prakan province, Thailand, 09 January 2023 Credit: NARONG SANGNAK/EPA-EFE/REX/Shutterstock)

MON 16:00 BBC News (w172vkqhhgcxft1)

The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172vg1zcvqbv53)

Storming of Brazil's congress

The security forces have taken back control after supporters of the former President Jair Bolsonaro stormed Congress and othe official buildings in the capital Brasilia. World leaders have condemned the violence. We bring updates and reaction on the developments and speak to Brazilians about how they view the

We also hear from people in Australia who are cut off by "once in a century" floods in the northwest.

Iran's judiciary has sentenced to death three more people accused of killing members of the security forces during the protests. Demonstrations have been continuing since the death in police custody of a young woman last year. Our colleague from BBC Persian explains.

(Photo: Brazilian authorities assess damage after Bolsonaro supporters stormed official buildings, Brasilia, Brazil - 09 Jan 2023, Credit: ANDRE COELHO/EPA-EFE/REX/Shutterstock)

MON 17:00 BBC News (w172vkahhgcxkk5)

The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172yg1zcyqbyx7)

Hundreds arrests after Brazil riots

The security forces have taken back control after supporters of the former President Jair Bolsonaro stormed Congress and other official buildings in the capital Brasilia. We bring updates and reaction on the developments and speak to Brazilians about how

Our disinformation specialist explains how the protesters in Brazil involved in the unrest used codes on social media to plan Sunday's invasion. We also speak to our colleague in Miami where Jair Bolsonaro himself currently is.

We hear from climate activists in Germany who are trying protect a small village in western Germany from being bulldozed to make way for the development of a local coal

(Photo: A man holds a Brazilian flag from the window of a bus as he is detained after a camp set by supporters of Brazil's former President Jair Bolsonaro was dismounted in Brasilia, Brazil, January 9, 2023. Credit: Amanda Perobelli/Reuters)

MON 18:00 BBC News (w172ykqhhgcxp99)

The latest five minute news bulletin from BBC World Service.

MON 18:06 Outlook (w3ct34pf)

[Repeat of broadcast at 12:06 today]

MON 18:50 Witness History (w3ct3bzx) [Repeat of broadcast at 08:50 today]

MON 19:00 BBC News (w172ykqhhgcxt1f) The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172yl83wvqx4nt)

The world's Newsroom brings you global events as they happen

MON 19:30 BBC News Summary (w172vkr9v5zm59t)

The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w3ct4l7s) 2023/01/09 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

MON 20:00 BBC News (w172vkahhgcxxsk)

The latest five minute news bulletin from BBC World Service.

MON 20:06 The Climate Question (w3ct3kk3)

[Repeat of broadcast at 02:32 today]

MON 20:30 BBC News Summary (w172ykr9y5zm91y)

The latest two minute news summary from BBC World Service.

MON 20:32 Discovery (w3ct30ck)

Tooth and Claw: Cougar

Hiding in the shadows across the American continents lives a big cat with many names. From puma to mountain lion to panther to cougar, this animal is carnivorous, cunning and uses stealth to silently ambush its prey. Its elusiveness and brutal attacking style has earnt it the reputation of a cold-hearted killer. But behind this façade, hidden camera footage has revealed the cougar is all about caring for their family. And its silent whispering amongst the trees could actually be saving human lives. Adam Hart and guests uncover the mysteries of the 'ghost of the forest' and break its merciless stereotype.

Dr Laura Prugh, associate Professor of Quantitative Wildlife Sciences at the University of Washington, and Dr Mark Elbroch, ecologist and director of the Panthera programme in Washington USA.

MON 21:00 BBC News (w172ykqhhgcy1jp)

The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172yfcdln50lgz)

Many arrested in Brazil over the invasion of Congress

Officials say at least fifteen hundred Bolsonaro supporters have been arrested. We hear about the role of social media in the attack.

Also on the programme, Pakistan says it's received pledges of more than nine billion dollars at an international conference seeking support for its recovery from last year's devastating floods. And the story of how American hip hop artist, Meek Mill. caused controversy in Ghana.

(Picture: Brazil's Congress building in the aftermath of Sunday's attack, Credit: BBC)

MON 22:00 BBC News (w172ykqhhgcy58t)

The latest five minute news bulletin from BBC World Service.

MON 22:06 The Newsroom (w172yrx81d2n5bd)

The world's Newsroom brings you global events as they happen

MON 22:20 Sports News (w172yghhtqcl8b3)

BBC Sport brings you all the latest stories and results from around the world.

MON 22:30 BBC News Summary (w172ykr9y5zmjk6)

The latest two minute news summary from BBC World Service.

MON 22:32 World Business Report (w3ct3g2r)

Pakistan to receive \$9 bln in help for flood recovery

Pakistan is hosting the event in Geneva on Monday with the United Nations as it seeks international assistance to cover around half of a total \$16.3bn recovery bill. It has been a busy day for the economy as Pakistan has also asked the International Monetary Fund to temporarily ease its loan conditions to enable the country to recover from the costs of last year's floods.

Meanwhile, President Joe Biden and his Mexican counterpart, President Andres Manuel Lopez Obrador, are having talks in Mexico City. One of the areas they will focus on is migration.

And it's been almost 4 months since Russian president Vladimir Putin announced partial mobilisation. According to Putin, 318,000 troops were mobilised including volunteers. That has had an impact on the wider economy and local business owners.

(Picture: High angle portrait of cute girl standing on road, Swat, Khyber Pakhtunkhwa, Pakistan. Picture Credit: Getty Images)

MON 23:00 BBC News (w172ykqhhgcy90y)

The latest five minute news bulletin from BBC World Service.

MON 23:06 HARDtalk (w3ct32mk)

[Repeat of broadcast at 08:06 today]

MON 23:30 BBC News Summary (w172ykr9y5zmn9b)

The latest two minute news summary from BBC World Service.

MON 23:32 The Conversation (w3ct37n1)

[Repeat of broadcast at 04:32 today]

TUESDAY 10 JANUARY 2023

TUE 00:00 BBC News (w172ykqhhgcyds2)

The latest five minute news bulletin from BBC World Service.

TUE 00:06 The History Hour (w3ct39mc)

[Repeat of broadcast at 20:06 on Sunday]

TUE 01:00 BBC News (w172ykqhhgcyjj6)

The latest five minute news bulletin from BBC World Service.

TUE 01:06 Business Matters (w172vdq8j7svffk)

Brazil: A big challenge for the new president

About 1,500 people have been held in Brazil after supporters of ex-President Jair Bolsonaro stormed Congress, the presidential palace and the Supreme Court in the capital Brasília. The rioting came a week after President Luiz Inácio Lula da Silva was sworn in.

Pakistan is hosting an event in Geneva on Monday with the United Nations as it seeks international assistance to cover around half of a total \$16.3hn recovery bill. It has been a busy day for the economy as Pakistan has also asked the International Monetary Fund to temporarily ease its loan conditions to enable the country to recover from the costs of last year's floods.

Flood and high wind warnings are in place across much of California; a hundred and twenty thousand homes are without power.

(Picture: Independence Day. Picture Credit: Getty Images)

TUE 02:00 BBC News (w172vkqhhgcvn8b)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172yl83wvqxzwq)

The world's Newsroom brings you global events as they happen

TUE 02:30 BBC News Summary (w172ykr9y5zn0jq) The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct4mn9)

What do you think you are?: Part one

There is growing scientific evidence that many animals are not only conscious, but possess a more profound sense of self. They can learn by experience and make decisions that depend on a sense of the future - in other words, they are "sentient" beings with the capacity to feel pain, pleasure and emotions. Sue Armstrong reports on the latest scientific research into the minds and consciousness of animals of all sorts, from chimpanzees to birds, bees and cuttlefish.

(Photo: Bumble bees rolling beads for enjoyment as researchers have, for the first time, observed insects interact with inanimate objects as a form of play, issued by Queen Mary University of London. Credit: Richard Rickitt/PA)

TUE 03:00 BBC News (w172ykqhhgcys0g)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct34pf)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct3bzx) [Repeat of broadcast at 08:50 on Monday]

[Repeat of broadcast at 06.50 on Worlday]

TUE 04:00 BBC News (w172ykqhhgcywrl)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172yl83wvqy7cz)

The world's Newsroom brings you global events as they happen

TUE 04:30 BBC News Summary (w172ykr9y5zn80z)

The latest two minute news summary from BBC World Service.

TUE 04:32 In the Studio (w3ct3jk3)

Richard Jones on Handel's Alcina

Follow renowned theatre and opera director Richard Jones as he creates a brand new production of Handel's magical opera Alcina for the Royal Opera House.

When Handel composed this opera, he was inspired not only by the possibilities of a new theatre in the heart of London, but also by his collaborator John Rich, who encouraged him to incorporate magic and dance into this new work. Nearly 300 years on, Richard Jones is also inspired by the possibilities of this opera, and with the opportunities created by his many collaborators too.

We join Richard at his home to explore his thoughts on the opera, including his ideas for the set design. Further discussions then follow at the Royal Opera House once rehearsals are underway, and we delve into the changes now being made as this new production comes to life on the stage. Movement director and choreographer Sarah Fahie discusses her intensive collaborative journey in assisting in the creation of this new work, whilst soprano Lisette Oropesa, who sings the title role of Alcina, also chats about working alongside Richard Jones.

Presented and produced by Luke Whitlock for the BBC World Service

Image: Richard Jones (Credit: Pete Le May)

TUE 05:00 BBC News (w172ykqhhgcz0hq)

The latest five minute news bulletin from BBC World Service.

TUE~05:06~Newsday~(w172yf8y8gbzn54)

Pro-democracy demonstrations in Brazil

There have been pro-democracy demonstrations across Brazil in reaction to the storming of government buildings by a far-right mob on Sunday.

The White House has admitted that President Biden's personal lawyers found a small number of classified documents dating from his time as vice-president at a Washington think tank.

And the first orbital space mission launched from Western Europe has ended in failure after its rocket was unable to reach low-earth orbit as planned.

TUE 06:00 BBC News (w172ykqhhgcz47v)

The latest five minute news bulletin from BBC World Service.

$\it TUE~06:06~Newsday~(w172yf8y8gbzrx8)$

Pro-democracy demonstrators march in Sao Paulo

There have been pro-democracy demonstrations across Brazil in reaction to the storming of government buildings by a far-right mob on Sunday.

A ground-breaking Alzheimer's drug that slowed cognitive decline in a major study has been approved by US regulators.

And 25,000 people in California have been told to evacuate as another storm piles into the battered American state.

TUE 07:00 BBC News (w172ykqhhgcz7zz)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172yf8y8gbzwnd)

Mass arrests in Brazil

Brazil's new left-wing President, Luiz Inácio Lula da Silva, has held meetings in the presidential palace a day after a mob ran amok in the building. His administration insists that his legislative agenda will not be delayed by the far-right attack.

And the first orbital space mission launched from Western Europe has ended in failure after its rocket was unable to reach low-earth orbit as planned.

TUE 08:00 BBC News (w172vkghhgczcr3)

The latest five minute news bulletin from BBC World Service.

${\it TUE~08:06~People~Fixing~The~World~(w3ct3j3k)}$

Bringing dead languages back to life

Australia used to be one of the most linguistically diverse places, with over 200 languages. Today, many of Australia's indigenous languages are considered "highly endangered".

Inspired by his native language, Hebrew, Ghil'ad Zuckermann is a linguistics professor who is on a mission to revive Australia's

dead and endangered languages, painstakingly piecing them back together from historical documents.

We speak to Ghil'ad and Shania Richards from the Barngarla community, whose language is being brought back from the brink

Presenter: Myra Anubi

Reporter/producer: Josephine Casserly Producers: Claire Bates & Craig Langran

Series producer: Tom Colls Sound mix: Annie Gardiner Editor: Penny Murphy

Email: peoplefixingtheworld@bbc.co.uk

Image: Shania Richards, in the uniform of the Youth Governor

of South Australia

TUE 08:30 BBC News Summary (w172vkr9v5znr0h)

The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct317d)

Who is Jack Ma?

Jack Ma is China's best-known entrepreneur, an English teacher who became a billionaire, after he founded the e-commerce giant Alibaba.

However in June 2021, Chinese regulators halted the dual stock market debut of his digital payments company Ant Group - an affiliate of Alibaba - in Hong Kong and Shanghai, citing "major issues" over regulating the company. Mr Ma has been laying low ever since.

In January 2023, it was announced that Mr Ma would give up control of the Chinese fintech giant.

So who is Jack Ma? And what does the future hold now? In November 2022, Business Daily's Rahul Tandon spoke to Brian Wong, a former Alibaba executive and special assistant to Jack Ma at Alibaba who has recently written a book about his time with the company.

He talks about his relationship with Mr Ma, what he was like to work for, and what he thinks the future could hold.

Producer/presenter: Rahul Tandon

(Photo: Jack Ma, founder of Alibaba Group, speaks during opening ceremony of the 3rd All-China Young Entrepreneurs Summit 2020 in Fuzhou, China. Credit: Lyu Ming/China News Service/Getty Images)

TUE 08:50 Witness History (w3ct3c4f)

Dutch North Sea flood

In 1953, a winter storm combined with high tides breached sea defences in the Netherlands, more than 1,800 people drowned.

Ria Geluk, remembers the once-in-a-lifetime flood.

In this programme first broadcast in 2011, Ria tells Trish Flanaghan what happened when water overwhelmed the farm she lived on.

(Photo: A man walking a flooded street. Credit: Sepia Times/Universal Images Group via Getty Images.)

TUE 09:00 BBC News (w172ykqhhgczhh7)

The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Newsroom (w172yl83wvqyv3m)

The world's Newsroom brings you global events as they happen

TUE 09:30 BBC News Summary (w172ykr9y5znvrm)
The latest two minute news summary from BBC World Service.

TUE 09:32 The Documentary (w3ct4mn9)

[Repeat of broadcast at 02:32 today]

TUE 10:00 BBC News (w172ykqhhgczm7c)

The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct3919) [Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172ykqhhgczqzh)

The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172vl83wvqz2lw)

The world's Newsroom brings you global events as they happen

TUE 11:30 BBC News Summary (w172ykr9y5zp37w)

The latest two minute news summary from BBC World Service.

TUE 11:32 In the Studio (w3ct3jk3)

[Repeat of broadcast at 04:32 today]

TUE 12:00 BBC News (w172ykqhhgczvqm)

The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct353z)

Making memories before our children go blind

Memories, how to save and treasure them and how to conjure them up when they are feared lost.

When three of Edith Lemay and Sébastian Pelletier's four children were diagnosed with a genetic condition that will eventually leave them blind, they made a bold decision. They set off on a trip around the world to fill their minds with as many beauituful, diverse and surprising images as they could find. The family have so far travelled through three continents, to countries including Namibia, Zambia, Tanzania, Turkey, Mongolia and Indonesia. You can follow their trip on Facebook at Le monde plein leurs yeux.

Internationally acclaimed photographer Evgenia Arbugaeva grew up in Tiksi, a tiny port in Arctic Russia. Nearly twenty years after leaving, she went back to see if it was still the idyllic place of her memories. Outlook's Tim Allen talked to her about her work. This interview was first broadcast in 2015.

Lenny White is more commonly known to friends and clients as Lenny the Barber. As you might expect he runs a barber shop but one with a difference — his clients are all elderly men with dementia. Many of them have very little short term memory left and live in the past, so Lenny recreates an old style baber shop to make them feel at home and brings it to them in their care homes in Northern Ireland. He told Jo Fidgen how it works. This interview was first broadcast in 2019.

Get in touch: outlook@bbc.com

Presenter: Andrea Kennedy

(Photo: Edith Lemay and Sébastian Pelletier with their four children. Credit: Courtesy of Edith Lemay)

TUE 12:50 Witness History (w3ct3c4f) [Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172ykqhhgczzgr)
The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172yl83wvqzb34)

The world's Newsroom brings you global events as they happen

TUE 13:30 BBC News Summary (w172ykr9y5zpbr4)
The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct30ck)

[Repeat of broadcast at 20:32 on Monday]

TUE 14:00 BBC News (w172ykqhhgd036w)

The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172yfcdln52n55)

Ukraine: The battle for Soledar

As fighting rages in the Ukrainian mining town of Soledar, we hear an incredible tale of survival under bombardment in Kyiv.

Also in the programme: the role of Brazil's military, and Iran jails daughter of former president.

(Photo: Olha, 60, resident of Soledar waits in a temporary sleeping accommodation before being transported to an evacuation train where she will get out in Dnipro, as Russia's attack on Ukraine continues, in Kramatorsk. Credit: Clodagh Kilcoyne/Reuters)

TUE 15:00 BBC News (w172ykqhhgd06z0)

The latest five minute news bulletin from BBC World Service.

TUE 15:06 People Fixing The World (w3ct3j3k)

[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172ykr9y5zpl7d)
The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w3ct3g9j)

World Bank: Global economy dangerously close to recession

The World Bank says continued soaring inflation and rising interest rates is putting the global economy dangerously close to falling into recession. It tells us why it's nearly halved its growth forecast for the year ahead.

French President Emmanuel Macron is trying to increase the legal retirement age in the country from 62, but is facing fierce opposition. We hear how the situation is unfolding.

And smog has hit Delhi as the city experiences extremely severe air pollution, with schools closed and flights being delayed due to reduced visibility. The boss of a clean air solutions company tells us how the city is coping.

(Picture: International Monetary Fund - World Bank Annual Meeting 2018 in Nusa Dua, Bali, Indonesia, October 12, 2018. Credit: REUTERS/Johannes P. Christo/File Photo)

TUE 16:00 BBC News (w172ykqhhgd0bq4)

The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172yg1zcyqfr26) Brazil Congress: The aftermath

We have the latest on the ground in Brasilia following the storming of Congress by supporters of former President

We speak to three people in China who have had Covid after China relaxed it's Covid-19 policy, about their thoughts on China's approach to the outbreak.

And we speak to one of the winners of the Swedish Olof Palme award, Marta Chumalo, about her work supporting women impacted by the war in Ukraine.

TUE 17:00 BBC News (w172ykqhhgd0gg8)

The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172yg1zcyqfvtb)

Russia 'likely' to control salt-mining town in Soledar, Ukraine

Russia is "likely" to finally control most of the salt-mining town of Soledar in Ukraine's east after a months-long battle with Ukrainian forces. We'll hear the latest news on the ground.

We'll hear from our Brussels correspondent as Belgian police say they seized more than a hundred tonnes of cocaine in the port city of Antwerp last year - a record amount for the increasingly important smuggling route into Europe.

And we hear how relief efforts are going in the Kimberley region of western Australia, following 'once in a decade' floods.

TUE 18:00 BBC News (w172ykqhhgd0l6d)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 Outlook (w3ct353z)

[Repeat of broadcast at 12:06 today]

TUE 18:50 Witness History (w3ct3c4f)

[Repeat of broadcast at 08:50 today]

TUE 19:00 BBC News (w172ykqhhgd0pyj)

TUE 19:06 The Newsroom (w172vl83wvr01kx)

The latest five minute news bulletin from BBC World Service.

The world's Newsroom brings you global events as they happen

TUE 19:30 BBC News Summary (w172ykr9y5zq26x)
The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w3ct4ld9)

2023/01/10 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the

world.

TUE 20:00 BBC News (w172vkqhhgd0tpn)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 The Documentary (w3ct4mn9)

[Repeat of broadcast at 02:32 today]

TUE 20:30 BBC News Summary (w172ykr9y5zq5z1)

The latest two minute news summary from BBC World Service.

TUE 20:32 Digital Planet (w3ct31zk)

Getting online in Ukraine's blackouts

One of our listeners in Ukraine contacted us to tell us how he stays online during power outages following bombing in Ukraine. Volodymyr Bielikov is on the show to explain the issues he's regularly facing with internet connectivity.

AI avatars undressed and virtual employees Ghislaine Boddington looks at the alarming story of how a young female reporter created avatars in the AI avatar app Lensa and was shocked to find that out of 100 avatars, 16 were topless and another 14 wore very skimpy clothing and were in provocative poses. Why has this app created astronauts and warrior avatars for her male colleagues and is undressing her avatars? Ghislaine also looks at the rising employment of virtual staff. The tech company Baidu says the number of virtual people projects its working on has doubled in the last year with prices of a virtual employee starting at just under \$3k. Why are

they becoming popular and what jobs are they being used for? Evelyn Cheng, senior correspondent from cnbc.com in Beijing,

has been investigating the story. An AI age verification system

Age verification has long been a topic of discussion, particularly in the online space with regards to young people who often don't have verifiable ID such as a driver's licence. Now a promising AI powered age estimation system, called YOTI, which analyses a person's face is gaining popularity. Shiroma Silva has been testing it out on her colleagues including Gareth - and reports how some major platforms are using it to keep younger users safe online.

The programme is presented by Gareth Mitchell with expert commentary from Ghislaine Boddington

Studio Manager: Tim Heffer Producer: Ania Lichtarowicz

(Image: Power outage, blackout in Ukraine. Credit: Anton Petrus/Getty Images)

TUE 21:00 BBC News (w172vkahhgd0vfs)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172yfcdln53hd2)

Life on the Ukrainian frontline near Soledan

Russian forces close in on Soledar, an American volunteer shares his story; Also in the programme we hear from the son of the imprisoned Hong Kong media tycoon Jimmy Lai; and we speak to the Republican congressman, Bob Good, who refused to endorse Kevin McCarthy as the speaker for the House of Representative.

(Photo: Family carries belongings from house destroyed by shelling in eastern Ukraine, Credit; Reuters)

TUE 22:00 BBC News (w172vkghhgd125x)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 The Newsroom (w172yrx81d2r27h)

The world's Newsroom brings you global events as they happen

TUE 22:20 Sports News (w172yghhtqcp576)

BBC Sport brings you all the latest stories and results from around the world.

TUE 22:30 BBC News Summary (w172ykr9y5zqfg9)

The latest two minute news summary from BBC World Service.

TUE 22:32 World Business Report (w3ct3gcs) World Bank warns of dangers of global recession

The global economy is "perilously close to falling into recession", according to the latest forecast from the World Bank, as the impacts of the Ukraine war and Covid pandemic continue to be felt across the world.

In fact, Pakistan and Sri Lanka are already struggling to keep their heads above water. Leaders in politics and economic share their thoughts with us on the economic challenges facing

Meanwhile in the US, more job cuts in the tech sector - the crypto exchange Coinbase is laying off 20 percent of its global

(Picture: The World Bank logo seen displayed on a smartphone. Picture Credit: Getty Images)

TUE 23:00 BBC News (w172vkqhhgd15v1)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 People Fixing The World (w3ct3j3k)

[Repeat of broadcast at 08:06 today]

TUE 23:30 BBC News Summary (w172vkr9v5zqk6f)

The latest two minute news summary from BBC World Service.

TUE 23:32 In the Studio (w3ct3ik3)

[Repeat of broadcast at 04:32 today]

WEDNESDAY 11 JANUARY 2023

WED 00:00 BBC News (w172ykqhhgd19p5)

The latest five minute news bulletin from BBC World Service.

WED 00:06 The Arts Hour (w3ct3919)

[Repeat of broadcast at 20:06 on Saturday]

WED 01:00 BBC News (w172vkghhgd1ff9)

The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172ydq8j7t1bbn)

Global economy risks a second reces

The global economy is "perilously close to falling into recession", according to the latest forecast from the World Bank, as the impacts of the Ukraine war and Covid pandemic continue to be felt across the world.

In fact, Pakistan and Sri Lanka are already struggling to keep their heads above water. Leaders in politics and economics share their thoughts with us on the economic challenges facing

Meanwhile Publisher Transworld has said Prince Harry's memoir Spare has sold 400,000 copies in the UK acros hardback, e-book and audio formats on its first day of publication. It means the very well-played promotional campaign around the book did work

(Picture: The World Bank logo seen displayed on a smartphone. Picture Credit: Getty Images)

WED 02:00 BBC News (w172vkahhgd1k5f)

The latest five minute news bulletin from BBC World Service.

WED 02:06 The Newsroom (w172vl83wvr0wst)

The world's Newsroom brings you global events as they happen

WED 02:30 BBC News Summary (w172ykr9y5zqxft)

The latest two minute news summary from BBC World Service.

WED 02:32 The Compass (w3ct4m2k)

Sounds Of The City

Sounds of the city: Tel Aviv

Tel Aviv is a bustling place and for a blind person it can be a little daunting, as BBC journalist, Peter White, discovers. The narrow streets in the older parts of town are full of open air cafes, buskers and people visiting the markets and local shops. It is a lively place and Peter's first challenge comes when he tries to navigate the local busses, only to find that without being able to see them approaching, it is virtually impossible to get them to stop!

Today signs of expansion are evident in the building works going on everywhere and Peter hears from young people concerned about political, social and environmental pressures The city is home to some exciting activities, including tandem bike riding, with a local club attracting 70 plus blind and partially sighted members. As he walks around he becomes aware of some of the steps being taken to make things more accessible, including the addition of sound systems on public crossings that at least offer protection from the constant and sometimes fast flowing traffic.

In the local parks Peter hears from people about other fun activities offered locally, from outdoor gyms through to long meals taken with friends and family. Younger people he meets share their hopes and dreams and explain what it has been like growing up with a disability in Tel Aviv.

(Photo: Peter White and his guide walk along the streets of Tel

WED 03:00 BBC News (w172ykqhhgd1nxk)

The latest five minute news bulletin from BBC World Service.

WED 03:06 Outlook (w3ct353z)

[Repeat of broadcast at 12:06 on Tuesday]

WED 03:50 Witness History (w3ct3c4f)

[Repeat of broadcast at 08:50 on Tuesday]

WED 04:00 BBC News (w172ykqhhgd1snp)
The latest five minute news bulletin from BBC World Service.

WED 04:06 The Newsroom (w172vl83wvr1492)

The world's Newsroom brings you global events as they happen

WED 04:30 BBC News Summary (w172ykr9y5zr4y2)

The latest two minute news summary from BBC World Service.

WED 04:32 The Documentary (w3ct4mnn)

This Cultural Life: Florence Pugh

Florence Pugh was Oscar and BAFTA nominated for her role as Amy March in the adaptation of Little Women. She has won huge acclaim for films including Midsommer, Lady Macbeth, and the Marvel adventure Black Widow. She also played the lead in the television adaptation of John Le Carré's The Little Drummer Girl. More recently she's been on the big screen in Don't Worry Darling, and 18th century Irish drama The

Florence tells John Wilson how her performing ambitions during a primary school nativity show in which she played Mary with a northern accent, borrowed from her Grimsby-born grandparents. She chooses, as one of her most significant creative inspirations, a woman called Linda Mace who made costumes for all the school productions, and whose store room full of period clothes fuelled Florence's imaginations. She recalls her breakthrough role in The Falling, about a fainting phenomenon at an English girls' school in the late 1960s, and how she was inspired by the film's director Carol Morley.

Florence Pugh reflects on her musical ambitions which started as a teenage singer-songwriter posting videos on YouTube under the name Flossie Rose. She also discusses the pressure of fame, gossip columns and why she's learned to stop searching for references to herself in social media.

(Photo: Actor Florence Pugh)

WED 05:00 BBC News (w172vkahhgd1xdt)

The latest five minute news bulletin from BBC World Service.

WED 05:06 Newsday (w172yf8y8gc2k27)

President Dina Boluarte under investigation following the deaths of 17 protesters

We head to Peru for our top story of the day, the new president Dina Boluarte is under investigation following the deaths of 17 protesters in the southern city of Juliaca, as anger following the ousting of the left wing leader Pedro Castillo continues to grow

Prince Harry is continuing his media tour promoting his memoir 'Spare', and presenting his side of the story in the rift with his family. We'll look at his latest appearance on Stephen Colbert's Late Show in the US.

Also in the programme, we explore the use of mobile phones for banking in Kenya and its rapid growth, reaching over 400 million transactions per month.

WED 06:00 BBC News (w172vkahhgd214v)

WED 06:06 Newsday (w172vf8v8gc2ntc)

Peru's president investigated for genocide and murder

The political turmoil in Peru continues as the country's new president is being investigated for genocide and murder following the violent suppression of protesters

In neighbouring Brazil, the fallout from the storming of official buildings sees arrests ordered for top officials.

In Ukraine, there are conflicting claims over the embattled town of Soledar, a mercenary group fighting on the side of Russia says it's taken control of the town but Ukraine says its soldiers are holding out.

WED 07:00 BBC News (w172vkqhhgd24x2)

The latest five minute news bulletin from BBC World Service.

WED 07:06 Newsday (w172yf8y8gc2skh)

Peru's political crisis continues

We'll have the latest from Ukraine where on the eastern front fierce fighting is raging around Soledar, where Russian forces are making gains.

WED 08:00 BBC News (w172vkahhgd28n6)

The latest five minute news bulletin from BBC World Service.

WED 08:06 HARDtalk (w3ct32s2)

Boris Bondarev: Speaking out against Putin

Stephen Sackur speaks to the former Russian diplomat Boris Bondarev, who quit his post and launched a scathing attack on the Putin regime after the invasion of Ukraine. Why haven't more Moscow insiders followed his lead?

WED 08:30 BBC News Summary (w172ykr9y5zrmxl)

The latest two minute news summary from BBC World Service.

WED 08:32 Business Daily (w3ct31cx)

The return to burning wood

Wood sales for heating have been growing across Europe, but as demand increases people are facing rising prices and reports of firewood theft. Business Daily's Rick Kelsey looks at how people are buying wood burners to heat their homes, so that they don't need to use as much gas this winter.

We speak with Nic Snell, managing director of UK based company Certainly Wood. It sells around 20,000 tonnes of wood every year and Nic tells us who is buying it. Erika Malkin, from the Stove Industry Alliance, tells us sales are now unprecedented and the price of wood has not risen anywhere near as much as other fuels. She estimates that heating the average home with wood is 13% cheaper than using gas.

To prevent theft in Germany, some forestry departments are experimenting with hiding GPS devices in logs. Nicole Fiegler, a spokesperson from the forestry department from North Rhine-Westphalia tells us how it works.

A recent study by the Health Effects Institute warned that the human cost of air pollution in Africa is among the highest on the planet. In sub-Saharan Africa the death rate from air pollution is 155 deaths per 100,000 people, nearly double the global average of 85. Household air pollution, which is linked to the use of solid fuels for cooking, is the largest risk factor for deaths. Dr. KP Asante is a senior researcher on the Ghana Health Service, he talks us through how burning wood could be made more efficient and clean

Producer/presenter: Rick Kelsev

(Photo: Open log fire; Credit: Getty Images)

WED 08:50 Witness History (w3ct3c6p)

Paul Robeson and the transatlantic phone line

In September 1956, a telephone cable called TAT-1 was laid under the Atlantic Ocean, making high-quality transatlantic phone calls possible for the first time

Eight months later in May 1957, 1,000 people squeezed into St Pancras Town Hall in London for the world's first transatlantic

The person performing, Paul Robeson, was a globally renowned singer, but he'd been banned from travelling outside the USA. So, he made use of the new transatlantic telephone line to perform to his fans in the UK.

Ben Henderson speaks to John Liffen, who curated an

exhibition on TAT-1 and the concert at the Science Museum in

(Photo: Engineers build repeaters used in TAT-1. Credit: Russell Knight/BIPs via Getty Images)

WED 09:00 BBC News (w172ykqhhgd2ddb)

The latest five minute news bulletin from BBC World Service.

WED 09:06 The Newsroom (w172yl83wvr1r0q)

The world's Newsroom brings you global events as they happen

WED 09:30 BBC News Summary (w172ykr9y5zrrnq)

The latest two minute news summary from BBC World Service.

WED 09:32 The Compass (w3ct4m2k)

[Repeat of broadcast at 02:32 today]

WED 10:00 BBC News (w172ykqhhgd2j4g)

The latest five minute news bulletin from BBC World Service.

WED 10:06 World Book Club (w3ct3c7s)

[Repeat of broadcast at 12:06 on Saturday]

WED 11:00 BBC News (w172vkahhgd2mwl)

The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172yl83wvr1zhz)

The world's Newsroom brings you global events as they happen

WED 11:30 BBC News Summary (w172ykr9y5zs04z)

The latest two minute news summary from BBC World Service.

WED 11:32 The Documentary (w3ct4mnn)

[Repeat of broadcast at 04:32 today]

WED 12:00 BBC News (w172ykqhhgd2rmq)

The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3ct3y9k)

The Nazis killed my family but I decided not to hate

When Peter Lantos was five years old, he and his parents were deported from Hungary and taken to Bergen-Belsen concentration camp. He was among one of the only survivors in his family, 21 of whom were murdered for being Jewish. Instead of feeling hatred towards the Nazis Peter decided to return to Germany the first opportunity he had. Peter has written a book aimed at children detailing his experiences, told from the perspective of a five-year-old. It is called The Boy Who Didn't Want To Die.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen Producer: Emily Naylor

(Photo: Peter Lantos and his mother. Credit: Peter Lantos)

WED 12:50 Witness History (w3ct3c6p)

[Repeat of broadcast at 08:50 today]

WED 13:00 BBC News (w172ykqhhgd2wcv)

The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172vl83wvr2707) The world's Newsroom brings you global events as they happen

WED 13:30 BBC News Summary (w172ykr9y5zs7n7)

The latest two minute news summary from BBC World Service.

WED 13:32 Digital Planet (w3ct31zk)

[Repeat of broadcast at 20:32 on Tuesday]

WED 14:00 BBC News (w172vkghhgd303z)

The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172yfcdln55k28)

Interviews, news and analysis of the day's global events.

WED 15:00 BBC News (w172vkqhhgd33w3)

The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct32s2)

[Repeat of broadcast at 08:06 today]

WED 15:30 BBC News Summary (w172ykr9y5zsh4h)

The latest two minute news summary from BBC World Service.

WED 15:32 World Business Report (w3ct3gg1)

US flights grounded

Domestic flights across the US were grounded for several hours after the system that alerts pilots to potential hazards went down. We hear from those trying to travel, and find out what the repercussions will be.

The Egyptian pound has plunged more than 13% against the US dollar, as the nation struggles with its worst foreign-currency squeeze in years. We find out what's behind it and how it's affecting business

And we find out what to expect from Japanese Prime Minister. Fumio Kishida's, tour of the G7 countries.

(Picture: A board shows cancelled or delayed flights at LaGuardia Airport in New York, USA, 11 January 2023. Credit: SARAH YENESEL/EPA-EFE/REX/Shutterstock)

WED 16:00 BBC News (w172ykqhhgd37m7)

The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172vg1zcvqimz9)

Uganda: Ebola outbreak over

An epidemic of the Sudan strain of the Ebola virus broke out in Uganda in September. No new cases have been discovered for 42 days, and the outbreak has been declared over. We speak to our reporter and hear from Ebola survivors in Mubende district. where the outbreak began.

We continue to check in on the situation in Brazil, as judicial authorities order the arrest of top public officials, after rioters stormed key government buildings. We also explore the role of the yellow Brazilian football jersey and how it has become a target for political movements.

We talk to a journalist behind a new podcast about British schoolgirl Shamima Begum who fled for war-torn Syria and has been stripped of British citizenship as a national risk.

We hear from Indians who have been celebrating after a Telugu language film, RRR, won a Golden Globe award, a first for the

(Photo: An anti-Ebola advocacy van drives along Kyadondo road amid the Ebola outbreak and alert in Kampala, Uganda October 27, 2022. Credit: Abubaker Lubowa/File Photo/Reuters)

WED 17:00 BBC News (w172ykqhhgd3ccc)

The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172yg1zcyqjrqf)

US flights resuming after technical glitch

Air traffic is gradually resuming across the US after departing flights were grounded because of a computer outage. Officials say there's no evidence of a cyber attack. Our correspondent explains.

Police across Brazil have been ordered to prevent road blockades and the invasion of public buildings, after supporters of the former president Jair Bolsonaro called for new protests. Authorities have ordered the arrest of top public officials, after rioters stormed key government buildings on Sunday. We bring you a range of messages from Brazilians to hear what they think about what's happening in their country.

We talk to a journalist behind a new podcast about British schoolgirl Shamima Begum who fled for war-torn Syria and has been stripped of British citizenship as a national risk.

We hear from Indians who have been celebrating after a Telugu language film, RRR, won a Golden Globe award, a first for the country.

(Photo: US flights grounded, Boston, USA - 11 Jan 2023. Credit: CJ GUNTHER/EPA-EFE/REX/Shutterstock)

WED 18:00 BBC News (w172vkqhhgd3h3h)

The latest five minute news bulletin from BBC World Service

WED 18:06 Outlook (w3ct3v9k)

[Repeat of broadcast at 12:06 today]

WED 18:50 Witness History (w3ct3c6p)

[Repeat of broadcast at 08:50 today]

WED 19:00 BBC News (w172ykqhhgd3lvm)

The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172vl83wvr2vh0)

The world's Newsroom brings you global events as they happen

WED 19:30 BBC News Summary (w172vkr9v5zsz40)

The latest two minute news summary from BBC World Service.

WED 19:32 Sport Today (w3ct4lgk)

2023/01/11 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

WED 20:00 BBC News (w172vkahhgd3alr)

The latest five minute news bulletin from BBC World Service.

WED 20:06 The Compass (w3ct4m2k)

[Repeat of broadcast at 02:32 today]

WED 20:30 BBC News Summary (w172ykr9y5zt2w4)

The latest two minute news summary from BBC World Service.

WED 20:32 Health Check (w3ct32xl)

Family's gene therapy journey

In this week's episode of Health Check, we meet the Poulin family who live in Thailand. They tell us about their long quest to have their little girl Rylae-Ann diagnosed with an incredibly rare disease. And that's just the beginning of the story

Rylae-Ann was fortunate enough to have gene therapy on a clinical trial in Taiwan - and it has transformed her life - but it's not a treatment that's available to everyone.

Joining presenter Smitha Mundasad in the studio is family doctor Graham Easton, who'll discuss why that's the case - and what the risks are around this experimental treatment and the ethics of diagnosing rare conditions.

We'll also hear from a scientist in Vancouver on her fascinating research which has discovered a compound in a sea sponge that blocks Covid-19 in human cells in the lab.

And we'll have the latest on the virus in China, as concerns grow about its spread ahead of the Lunar New Year, and a rather unusual study about a very small trial in London involving scars being treated using transplanted hair.

Presenter: Smitha Mundasad

Producer: Gerry Holt and Tess Davidson

WED 21:00 BBC News (w172ykqhhgd3vbw)

The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172vfcdln56d95)

Interviews, news and analysis of the day's global events.

WED 22:00 BBC News (w172ykqhhgd3z30)

The latest five minute news bulletin from BBC World Service.

WED 22:06 The Newsroom (w172yrx81d2tz4l)

The world's Newsroom brings you global events as they happen

WED 22:20 Sports News (w172yghhtqcs249)

BBC Sport brings you all the latest stories and results from around the world

WED 22:30 BBC News Summary (w172ykr9y5ztbcd)

The latest two minute news summary from BBC World Service.

WED 22:32 World Business Report (w3ct3gi9)

Three Amigos' Summit ends with pledges of economic

These are difficult times for Latin American economies. The region was hit harder than most by Covid and as an exporter of prime materials it is always hit by any slowdown in the global economy. There is a lot of political uncertainty in the region . No more so than in Peru, where president Pedro Castillo was recently ousted from office after he illegally tried to close congress and rule by decree. He is now in pre-trial detention while he is investigated for fomenting rebellion, a charge he denies. He has been replaced by fellow leftist Dina Boluarte, who has vowed to try to revive Peru's economy

Russia's second-largest oil producer Lukoil has reached an agreement to sell its ISAB oil refinery in Sicily to G.O.I. ENERGY. Lukoil had no choice but to sell it as they could not sell oil products this year. The European Union has imposed a partial embargo on Russian crude oil and petroleum products, as well as a ban on shipping insurance for oil exports from Russia.

Meanwhile, a lawyer for the failed cryptocurrency firm, FTX, says his team has salvaged more than five billion dollars in assets following the company's spectacular collapse in November. Andrew Dietderich told a US bankruptcy court in Delaware that efforts to sell other assets with a book value of more than four billion dollars were in hand - but warned the final hit to nine million investors remained unclear.

(Photo: Mature man and a young man sitting with a groom, Taquile Island, Lake Titicaca, Puno, Peru. Credit: Getty

WED 23:00 BBC News (w172vkahhgd42v4)

The latest five minute news bulletin from BBC World Service.

WED 23:06 HARDtalk (w3ct32s2)

[Repeat of broadcast at 08:06 today]

WED 23:30 BBC News Summary (w172ykr9y5ztg3j)

The latest two minute news summary from BBC World Service.

WED 23:32 The Documentary (w3ct4mnn)

[Repeat of broadcast at 04:32 today]

THURSDAY 12 JANUARY 2023

THU 00:00 BBC News (w172ykqhhgd46l8)

The latest five minute news bulletin from BBC World Service.

THU 00:06 World Book Club (w3ct3c7s)

[Repeat of broadcast at 12:06 on Saturday]

THU 01:00 BBC News (w172vkahhgd4bbd)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172vdq8i7t477r)

Some Japanese workers promised inflation-busting pay rises

Last week Japan's prime minister called on firms to put up wages to help people struggling with rising prices. It comes as salaries in the country remain flat even as inflation is going up at its fastest rate in decades. In response, the Japanese clothes retailer, Uniqlo, has announced it will give its employees a huge

Meanwhile, a lawyer for the failed cryptocurrency firm, FTX, says his team has salvaged more than five billion dollars in assets following the company's spectacular collapse in November. Andrew Dietderich told a US bankruptcy court (in Delaware) that efforts to sell other assets with a book value of more than four billion dollars were in hand -- but warned the final hit to nine million investors remained unclear

(Picture: Businessmen meeting and working in a big city. Picture Credit: Getty Images)

THU 02:00 BBC News (w172ykqhhgd4g2j)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172yl83wvr3spx)

The world's Newsroom brings you global events as they happen

THU 02:30 BBC News Summary (w172ykr9y5zttbx)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3ct304s)

Saving children from the mafia

Southern Italy is home to some of Europe's most powerful criminal organisations; the Sicilian Mafia, the Camorra in Naples and the Ndrangheta based in Calabria. For many, crime is a family business. So a judge in Sicily has come up with a radical plan to prevent young people becoming the next generation of mobsters. He's been taking children away fro Mafia families. This controversial policy is now being considered by other countries around the world. Daniel Gordon travels to Sicily to meet those involved in the programme and find out whether it actually works.

Photo: A 17 year-old girl, Letizia, supported by her uncle, addresses an anti-mafia meeting in the Sicilian town of Messina. Her mother is missing and is believed to have been killed by local gangsters. (Rocco Papandrea, Gazzetta del Sud.)

Reporter: Daniel Gordon Producer: Alex Last Series Editor: Penny Murphy Sound engineer: Graham Puddifoot Production coordinator: Iona Hammond

THU 03:00 BBC News (w172ykqhhgd4ktn)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct3v9k)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct3c6p)

[Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172ykqhhgd4pks)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172yl83wvr4165)

The world's Newsroom brings you global events as they happen

THU 04:30 BBC News Summary (w172ykr9y5zv1v5)

The latest two minute news summary from BBC World Service.

THU 04:32 The Food Chain (w3ct38p1)

The opera singer's diet

Opera is viewed as something of an endurance sport in the musical world. Hours spent on stage, in costume, doing a very physical job far away from home comforts can take its toll on the body if it's not adequately fuelled.

As Ruth Alexander discovers in this programme, diet is of paramount importance to a professional singer.

Sopranos Rachel Nicholls and Lucy Schaufer, and Fred Plotkin opera and food writer and friend of Luciano Pavarotti – share the secrets of the relationship between singing and sustenance, and what foods can help achieve a star performance

If you would like to get in touch with the show, please email: thefoodchain@bbc.co.uk

The piece of music at the start and end of this programme is If Music be the Food of Love, by Henry Purcell. Performed by Rachel Nicholls.

(Picture: Pavarotti eating from a spoon. Credit: Getty Images/BBC)

Producer: Elisabeth Mahy

THU 05:00 BBC News (w172ykqhhgd4t9x)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172vf8v8gc5fzb)

IMF warns low income countries risk defaulting on their debt

The IMF is warning of a looming debt crisis that could see many low-income countries at risk of defaulting on their debt, and tens of millions facing extreme hunger.

Vladmir Putin once again replaces Russia's top military commander in Ukraine, we explore who the new man in charge there is.

Families for two Iranians with dual citizenship, a British and an American, say they fear Iran is preparing to execute their loved ones.

THU 06:00 BBC News (w172ykqhhgd4v21)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172yf8y8gc5kqg)

IMF warns low income countries risk defaulting on their debt

The International Monetary Fund has warned that low income countries risk defaulting on their debt.

We'll hear from Sri Lanka which was one of the first Asian countries to default after Covid.

Also, we explore claims that Afghan children as young as five are being locked up with convicted criminals in Karachi in Pakistan and face deportation to the country from which they

THU 07:00 BBC News (w172vkqhhgd51t5)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172yf8y8gc5pgl)

IMF warns high interest rates are affecting low income countries

The International Monetary Fund is warning that many lowincome countries are at risk of defaulting on their debts, potentially putting tens of millions of people at risk of extreme

We'll be live in Sri Lanka, a county suffering through one of the world's worst economic crises

Also in the programme, we'll find out why Russian President Vladimir Putin has appointed a new military head for his war in Ukraine

THU 08:00 BBC News (w172vkahhgd55k9)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct39v5)

Can microbes feed the world?

A campaign called "ReBoot Food" was launched at the COP27 climate change conference in Egypt, to ask world governments to support a technology called precision fermentation.

They claim it's possible to produce enough food to feed the whole world in an area the size of London. The process uses genetically-engineered microbes to make cheap, high quality fats and proteins, virtually identical to those produced by animal

Its proponents say it will free up huge tracts of farmland and could even help reduce greenhouse gas emissions

A technology research group is even projecting the collapse of dairy and cattle industries by 2030 with animal meat being replaced by food grown using precision fermentation.

But what is it, what are the potential pitfalls, and can the public stomach the idea of protein grown in an a bioreactor rather than

On this week's Inquiry, we ask; can microbes feed the world?

Presented by Tanya Beckett Produced by Ravi Naik Researcher John Cossee Editor Tara McDermott Technical producer Mitch Goodall Broadcast Coordinator Brenda Brown

(the world in a petri dish /Getty Images)

THU 08:30 BBC News Summary (w172vkr9v5zvitp) The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct312w)

China's Covid nightmare: Can Beijing bounce back?

China has this week reopened its borders for the first time in nearly three years. There have been scenes of joy and relief for many Chinese citizens after years of isolation.

Ed Butler asks whether this is a turning point, as some are describing. What are the longer term economic threats for the so-called engine of global growth? And how does that impact the rest of the world?

Ed speaks to two young Chinese professionals - one in Beijing and one in Shanghai, who are feeling a mixture of relief and concern about the current situation.

George Magnus is a research associate at Oxford University's China Centre - he tells Ed that the current Covid infection wave could spread right across the country, to smaller cities and rural

It's difficult to get the true economic picture of what's happening in China, but Shehzad Qazi, managing director of the China Beige Book, the biggest private data collection network on China, says growth turned negative last year, with demand crashing and factories forced to close down.

(Photo: A woman at an airport in China after restrictions were lifted. Credit: EPA-EFE/REX/Shutterstock)

THU 08:50 Witness History (w3ct3c25)

Galápagos Islands' sea cucumber dispute

A boom in demand for sea cucumbers in Asia in the 1990s set off a confrontation between fishermen and conservationists in the waters off the Galápagos Islands, where the protein-rich ocean creature was found in abundance

The high price being paid for the sea cucumbers led to a gold rush on the South American archipelago, a chain of 21 islands home to many unique species.

In 2020, Mike Lanchin spoke to a Galapagos fisherman Marcos Escaraby and conservationist Alan Tye, who found themselves on opposite sides of the dispute.

(Picture: Sea cucumber, Credit: Getty Images)

THU 09:00 BBC News (w172vkahhgd599f)

The latest five minute news bulletin from BBC World Service.

THU 09:06 The Newsroom (w172yl83wvr4mxt)

The world's Newsroom brings you global events as they happen

THU 09:30 BBC News Summary (w172ykr9y5zvnkt)

The latest two minute news summary from BBC World Service.

THI/09:32 Assignment (w3ct304s)

[Repeat of broadcast at 02:32 today]

THU 10:00 BBC News (w172ykqhhgd5f1k)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Forum (w3ct38tk)

Why do we have a seven-day week?

Why do we divide our lives into 7-day chunks? Unlike the day, month or year, there's no natural reason for this cycle, but nevertheless the week is now deeply ingrained in us and has proven very resistant to change.

We explore the pagan, religious and early scientific roots of this man-made rhythm, the ideological battles fought over it, and the reason why the number seven came out on top. Our expert guests explain where the names of our days come from, why the weekend was born, and how the week has come to dominate our economic and social lives

There have, however, been several radical attempts to rip up the 7-day week - we hear about these alternatives and why they ultimately failed.

Rajan Datar is joined by Eviatar Zerubavel, distinguished professor of sociology emeritus at Rutgers University, New Jersey, and author of 'The Seven-Day Circle: The History and Meaning of the Week'; Ilaria Bultrighini, honorary research fellow in ancient history at University College London; and David Henkin, professor of history at the University of California, Berkeley, and author of 'The Week: A History of the Unnatural Rhythms That Made Us Who We Are'.

Producer: Simon Tulett

(Picture: A signpost with the seven days of the week on the directional arrows against a bright blue cloudy sky. Credit: Getty Images)

THU 10:50 Sporting Witness (w3ct36gq)

First woman to win Olympic gold in windsurfing

Top New Zealand windsurfer Barbara Kendall was run over by a power boat at Christmas 1991 and told she should not sail again. She refused to believe the doctors and became the first woman to win a gold medal in windsurfing at the Olympics.

Barbara has been speaking to Laura Jones

(Photo: Barbara with her gold medal on the podium at the Barcelona Olympics. Credit: Barbara Kendall)

THU 11:00 BBC News (w172vkqhhgd5jsp)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172vl83wvr4wf2)

The world's Newsroom brings you global events as they happen

THU 11:30 BBC News Summary (w172vkr9v5zvx22)

The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3ct38p1)

[Repeat of broadcast at 04:32 today]

THU 12:00 BBC News (w172vkqhhgd5njt)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct34x6)

Saving lives in Pinochet's Chile with Superman's help

In November 1987 a group of almost 80 Chilean actors, directors and playwrights living in the brutal military dictatorship of General Augusto Pinochet received a threat: leave the country by the end of the month or face death. But the artists refused to abandon their home. They came up with a plan: resist the violent ultimatum through a show, attended by actors from all around the world. But what they needed was a Hollywood star. Actor Christopher Reeve agreed, but he couldn't go alone: he didn't speak Spanish and didn't know much about Chile or its dangers. That's when Chilean literary editor and social worker Angélica Malinarich-Dorfman's name came up. She had survived Pinochet's coup in 1973, but had had to leave the country with her family, living for years in exile. Angélica, now in the US, offered to accompany Christopher on this trip. But as soon as they arrived, both she and Reeve were greeted by the dangers of the dictatorship.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen

Producers: June Christie and Olivia Lynch-Kelly

(Photo: Angélica Malinarich-Dorfman and Christopher Reeve. Credit: Courtesy of Angélica Malinarich-Dorfman)

THU 12:50 Witness History (w3ct3c25)

[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172ykqhhgd5s8y)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172yl83wvr53xb)

The world's Newsroom brings you global events as they happen

THU 13:30 BBC News Summary (w172ykr9y5zw4kb) The latest two minute news summary from BBC World Service.

THU 13:32 Health Check (w3ct32xl) [Repeat of broadcast at 20:32 on Wednesday]

THU 14:00 BBC News (w172ykqhhgd5x12)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172vfcdln58fzc)

UAE names oil chief to lead COP28 talks

Environmental campaigners have criticised the UAE's decision to appoint the CEO of one of the world's biggest oil companies as president of this year's UN climate summit in Dubai. They say that Sultan Al Jaber must resign from the firm to avoid a conflict of interest.

Also in the programme: the IMF is warning of a looming debt crisis that could see many low-income countries at risk of default, and tens of millions facing extreme hunger; and the Italian judge helping children escape organised crime families.

(Photo: Sultan Ahmed al-Jaber, the CEO of the Abu Dhabi National Oil Company. Credit: Getty Images)

THU 15:00 BBC News (w172vkahhgd60s6)

THU 15:06 The Inquiry (w3ct39v5)

[Repeat of broadcast at 08:06 todav]

THU 15:30 BBC News Summary (w172ykr9y5zwd1l)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w3ct3g50) US inflation eases

US inflation was 6.5% over the 12 months to the end of December, down from a month previous, easing cost-of-living pressures. Falls to energy prices, in particular petrol, contributed to the smallest increase in more than a year. We

speak to consumers and economist about how it's being felt on We find out about the boardroom battle taking over Disney, as

activist investor Nelson Peltz tries to force his way onto the

And a report estimates that global natural disasters cost \$270 billion in 2022. One of the report's authors tells us what we can expect in the future.

(Picture: A person pumps gas at a Shell gas station in Alexandria, Virginia, USA, 05 October 2022. Credit: Photo by MICHAEL REYNOLDS/EPA-EFE/REX/Shutterstock)

THU 16:00 BBC News (w172vkqhhgd64ib)

The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172yg1zcyqmjwd)

Andrew Tate: How to tackle his influence

We talk about the social media influencer and self-confessed misogynist Andrew Tate who is currently detained in Romania as part of an investigation into allegations of human trafficking and rape. We hear from his followers and discuss how teachers are trying to put out guidance on how to talk about Andrew Tate with pupils who admire him.

We get an update from Washington where President Joe Biden has confirmed that the second set of classified documents found by his lawyers were in the garage of his house in Delaware.

We get reaction from sports fans to the decision by Australia to withdraw men's one-day series against Afghanistan over Taliban's restrictions on women and girls

We have been hearing from people in China about their experiences since the zero-Covid19 policy was relaxed. In today's conversation people outside China talk about their plans to go home to see their families.

(Photo: American-British businessman Andrew Tate hearing on human trafficking charges, Bucharest, Romania, 10 Jan 2023. Credit: Robert Ghement/EPA-EFE/REX/Shutterstock)

THU 17:00 BBC News (w172ykqhhgd688g)

The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172yg1zcyqmnmj)

China Covid: Reuniting with families

We have been hearing from people in China about their experiences since the zero-Covid19 policy was relaxed. In today's conversation people outside China talk about their plans to go home to see their families.

We talk about the social media influencer and self-confessed misogynist Andrew Tate who is currently detained in Romania as part of an investigation into allegations of human trafficking and rape. We hear from his followers and discuss how teachers are trying to put out guidance on how to talk about Andrew Tate with pupils who admire him.

A group of Afghan families who were brought to Britain after the Taliban took power are taking the UK government to court. Our Home Editor Mark Easton explains.

We speak to our reporter in Sri Lanka about the devastating consequences of the economic crisis on people's lives.

(Photo: China reopens borders to travel, Shanghai - 08 Jan 2023. Credit: ALEX PLAVEVSKI/EPA-EFE/REX/Shutterstock)

THU 18:00 BBC News (w172vkahhgd6d0l)

The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3ct34x6)

[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3ct3c25)

[Repeat of broadcast at 08:50 todav]

THU 19:00 BBC News (w172ykqhhgd6hrq)

The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172yl83wvr5vd3)

The world's Newsroom brings you global events as they happen

THU 19:30 BBC News Summary (w172ykr9y5zww13)

The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w3ct4lb1) 2023/01/12 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the

THU 20:00 BBC News (w172ykqhhgd6mhv)

The latest five minute news bulletin from BBC World Service.

THU 20:06 Assignment (w3ct304s)

[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172ykr9y5zwzs7)

The latest two minute news summary from BBC World Service.

THU 20:32 Science In Action (w3ct36b6)

Atmospheric rivers

Flood warnings in parts of California have seen some of the state's best known celebrities flee their homes. The current weather conditions are in part the result of 'Atmospheric rivers' - literally fast flowing rivers of water vapor in the atmosphere. Marty Ralph from the Scripps Institute has been studying this phenomenon for years, he explains what atmospheric rivers are, and tells us how a greater understanding of the phenomenon is now informing weather forecasting and evacuation plans

Over the past year several million people have fled Ukraine, amongst them many scientists. Nataliya Shulga from the Ukraine Science Club is working on a wide ranging initiative to attract them back. She tells us of plans not just to reconstruct Ukrainian science facilities after the war, but to offer a philosophical change which breaks with the Soviet past - a more global, collaborative environment for scientists returning to the

Last December the Afghan Taliban banned women from attending university, its just one of the many moves denying education to women since the Taliban returned to power. Particle physicist Kate Shaw had been working with Afghan physicists in the years before the Taliban's comeback, she is now developing an initiative with scientists and institutions around the world to offer places to Afghan women keen to study physics. She says institutions and individuals who may be able to help should contact Physics without Frontiers at the International Centre for Theoretical Physics

And Gibbons sing with synchronicity, a new study led by Teresa Raimondi, from the University of Turin shows the ability of couples to chorus together to be rather human like.

Image Credit: Josh Edelson

Presenter: Roland Pease Producer: Julian Siddle

THU 21:00 BBC News (w172ykqhhgd6r7z)

The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172yfcdln59968)

Outrage as UAE names oil boss to lead COP28 talks

The head of one of the world's biggest oil companies has been named to lead the COP28 global climate talks in Dubai, later this year.

Sultan Ahmed Al Jaber is currently the chief executive officer of the Abu Dhabi National Oil Company and he is also the minister for industry and advanced technology for the COP28 hosts, the United Arab Emirates (UAE).

We'll talk to those who support the UAE's decision, as well as climate change activists who are angered by it.

Also in the programme: We'll hear about the harassment by the Iranian state faced by BBC Persian journalists; and how one Italian judge has saved dozens of children from being raised for a life in organized crime.

(Photo shows United Arab Emirates' Industry Minister Sultan Ahmed Al Jaber speaking at a conference. Credit: Amr Alfiky/Reuters)

THU 22:00 BBC News (w172vkqhhgd6w03)

The latest five minute news bulletin from BBC World Service.

THU 22:06 The Newsroom (w172yrx81d2xw1p)

The world's Newsroom brings you global events as they happen

THU 22:20 Sports News (w172vghhtqcvz1d)

BBC Sport brings you all the latest stories and results from

THU 22:30 BBC News Summary (w172ykr9y5zx78h)

The latest two minute news summary from BBC World Service.

THU 22:32 World Business Report (w3ct3g78)

Are price rises slowing?

New figures show that inflation in the US - the world's largest economy - is on the way down. The latest figures showed a slight fall to 6.5%, down from 7.5% the previous month. Rising prices have been the bugbear of the post-Covid global economy with central banks moving to raise interest rates to try to deal with it, resulting in a struggle for those whose incomes are no longer enough to cover their food or energy costs.

(Picture: US President Joe Biden delivers his verdict on inflation figures. Credit: Getty Images).

THU 23:00 BBC News (w172ykqhhgd6zr7)

The latest five minute news bulletin from BBC World Service.

THU 23:06 The Inquiry (w3ct39v5)

[Repeat of broadcast at 08:06 today]

THU 23:30 BBC News Summary (w172ykr9y5zxc0m)

The latest two minute news summary from BBC World Service.

THU 23:32 The Food Chain (w3ct38p1)

[Repeat of broadcast at 04:32 today]

FRIDAY 13 JANUARY 2023

FRI 00:00 BBC News (w172vkahhgd73hc)

The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Forum (w3ct38tk)

[Repeat of broadcast at 10:06 on Thursday]

FRI 00:50 Sporting Witness (w3ct36gq)

[Repeat of broadcast at 10:50 on Thursday]

FRI 01:00 BBC News (w172vkahhgd777h)

The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172vdq8i7t744v)

New figures show that inflation in the US - the world's largest economy - is on the way down. The latest figures showed slight fall to 6.5%, down from 7.5% the previous month. But will it be enough to stave off further interest rate hikes?

Also on the programme, how to love where you work: new figures show an interesting shift in employee satisfaction at some of the world's best-known firms

(Picture: A customer in a supermarket in New York City. Credit: Getty Images.)

FRI 02:00 BBC News (w172ykqhhgd7bzm)

The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172yl83wvr6pm0)

The world's Newsroom brings you global events as they happen

FRI 02:30 BBC News Summary (w172ykr9y5zxq80)

The latest two minute news summary from BBC World Service.

FRI 02:32 World Football (w3ct3hr8)

Remembering Vialli and a Palestinian ref making history

We pay tribute to the former Italy, Sampdoria, Juventus and Chelsea player Gianluca Vialli who sadly died last week. Plus, we meet Palestinian refugee Heba Saadia who's been selected as one of the Assistant Referees at this year's Women's World Cup. She grew up in a Palestinian refugee camp in Damascus but since the Syrian civil war started, has moved around the world with her family. No Palestinian has ever reached this level in football before.

Picture on website: Gianluca Vialli greets supporters after Italy won Euro 2020 at Wembley Stadium. (Photo by LAURENCE GRIFFITHS/POOL/AFP via Getty Images)

FRI 03:00 BBC News (w172ykqhhgd7gqr)

The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct34x6)

[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct3c25)

[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172ykqhhgd7lgw)

The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172yl83wvr6y38)

The world's Newsroom brings you global events as they happen

FRI 04:30 BBC News Summary (w172ykr9y5zxyr8)

The latest two minute news summary from BBC World Service.

FRI 04:32 Heart and Soul (w3ct424g)

The battle for souls in Nepal

Nepal has one of fastest growing Christian communities in the world. Helping to drive the growth are South Korean missionaries like Pang Chang-in and his wife Lee Jeong-hee. The couple's work spreading the word of Jesus is risky. Those found guilty of converting people face up to five years in jail in Nepal.

The BBC's Asia editor Rebecca Henschke and Korean journalist Kevin Kim follow the couple as they open new churches and teach the next generation of Nepali Christian leaders. This is a rare insight into an organised and increasingly controversial Korean mission, spreading the Christian faith high in the Himalayans.

Presented by: Rebecca Henschke

Produced with: Kevin Kim, Rajan Parajuli, Rama Parajuli and Rajeev Gupta

(Photo: Pang and his wife)

FRI 05:00 BBC News (w172ykqhhgd7q70)

The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172yf8y8gc8bwf)

Researchers claim Exxon Mobil knew about global warming since 1970s

Researchers say the oil giant Exxon Mobile accurately predicted just how global warming would heat up our planet as far back as the 1970s, while publicly denying the link. Exxon Mobile denies it.

Also in the programme, we'll speak to a Syrian refugee who was stuck in limbo in an airport for months.

We explore what's next for young Sri Lankans after huge anti-government demonstrations sparked by the country's debt crisis.

FRI 06:00 BBC News (w172ykqhhgd7tz4)

The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172yf8y8gc8gmk)

Ukraine seen as a de facto member of Nato by its defence minister

Ukraine's defence minister says his country has become a "defacto member" of the nato military alliance, as Western nations

continue to supply weapons for the war against Russia. Speaking to the BBC, Oleksii Reznikov said there had been a change among some allies once concerned that the military assistance could be seen as escalation by Russia.

As family members are told to prepare to say goodbye to their loved ones before their execution, we look at how Iran deals with anyone they consider a dissenting voice

In southern Italy, on-going anti mafia hearings against hundreds of suspects continue.

FRI 07:00 BBC News (w172ykqhhgd7yq8)

The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172yf8y8gc8lcp)

Ukraine's defence minister says Ukraine has become a 'de-facto member' of Nato

Ukraine's defence minister says his country has become a "defacto member" of the Nato military alliance,

The singer Lisa-Marie Pressley, the daughter of the legendary Elvis, has died.

As Japan says it will start releasing treated water from the Fukushima nuclear plant into the sea, we hear why some activists still have concerns.

FRI 08:00 BBC News (w172ykqhhgd82gd)

The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct32h1)

Marilyn Stafford: A life in pictures

What makes a great photograph? In 2019, Stephen Sackur spoke to one of the pioneers of photojournalism, Marilyn Stafford. She was born in the United States but moved to Paris in the 1950s, where she became the protégé of the French photographer Henri Cartier-Bresson. Like him, Stafford loved to capture intimate portraits of ordinary people. She photographed everything from refugees fleeing war to models on the fashion catwalks. Later in life, her work was discovered and admired by a new generation.

This is another chance to listen to the interview with Marilyn Stafford after her recent death aged 97. The interview was updated on 13th January 2023.

FRI 08:30 BBC News Summary (w172ykr9y5zyfqs)

The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct30sv)

Why is Nashville a magnet for entrepreneurs?

Small businesses create nearly two-thirds of new jobs in the workforce and account for 44% of US economic activity. So what's the secret to their success?

What challenges do they face and which are the best cities and regions for them to thrive?

Samira Hussain visits the city of Nashville in Tennessee, which is a hotbed of new businesses and start ups - there are reportedly four out of every 1000 Nashville residents are CEOs.

Samira meets James Davenport and Mike Hinds, co-founders of the Nashville Barrel company who launched their whiskey company in the city in February 2020. She goes to a business 'mixer' where CEO of the Nashville Entrepreneur Center, Jane Allen, gives an overview of Nashville's appeal.

Tennessee has very low taxes which can encourage new business to the area - Bradley Jackson, president and CEO of the Tennessee Chamber of Commerce and Industry tells Samira how the approach works alongside other incentives.

But what does this mean for the people living there? The state has one of the highest sales taxes in the country. That means everything you buy at the store costs more. Samira speaks to Dick Williams, board member of Tennesseans for Fair Taxation, who says this kind of tax scheme ends up hurting the most vulnerable people.

Presented and produced by Samira Hussain Additional production: Rob Cave

(Image: The lights on Broadway in Nashville. Credit: Getty Images)

FRI 08:50 Witness History (w3ct3bxn)

World's first tidal power station

The world's first tidal power station is on the estuary of the River Rance in France.

It was opened in 1966 by President Charles de Gaulle and has been capturing the natural power of the oceans' tides and turning it into electricity ever since.

Alex Collins hears how the project to build it was a cause for national pride and how the facility is now a tourist attraction, as he speaks to Brittany historian Marc Bonnel.

(Photo: La Rance tidal power station. Credit: Getty Images)

FRI 09:00 BBC News (w172ykqhhgd866j)

The latest five minute news bulletin from BBC World Service.

FRI 09:06 The Newsroom (w172yl83wvr7jtx)

The world's Newsroom brings you global events as they happen

FRI 09:30 BBC News Summary (w172vkr9v5zvkgx)

The latest two minute news summary from BBC World Service.

FRI 09:32 Tech Tent (w3ct4kj0)

MRNA: The tech that transforms cancer treatment?

The boss of Moderna, Stephane Bancel, tells us about how MRNA technology could transform the treatment of cancer. But will the personalised treatment plans it could create only be available in richer nations? Our global health correspondent, Naomi Grimley, provides analysis.

Also this week we hear more from the exhibitors at the CES tech show. Analyst Paolo Pescatore tells us what he thinks the event says about the state of global tech. And the founder of Cameo, which took off in the pandemic, on how businesses that thrived in lockdown can survive in the very different world we find ourselves in in 2023.

FRI 10:00 BBC News (w172vkqhhgd89vn)

The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3ct33q3)

Prince Harry: Dealing with grief in the public eye

Prince Harry's bombshell memoir, Spare, leaves few royal stones unturned. From a physical confrontation with his brother Prince William to his own drug taking, one of the threads that runs through all of these startling revelations is the long shadow that the sudden death of his mother, Princess Diana, cast when he was only 12

Prince Harry claims he never properly dealt with - or was helped to deal with - his profound grief. In his memoir he claims he only cried once after his mother's death and was never hugged by his father on the day he found out.

The Royals have, so far, not commented on any of the book's revelations but how hard is it to deal with bereavement and grief in the public eye? What do Prince Harry's recollections tell us about his experience of dealing with grief in this unique family or the modern world more generally? Does privilege help or hinder the process? What role has the media played? And, ultimately, is there ever a right way to deal with grief?

Ritula Shah is joined by a panel of experts:

Catherine Mayer is a writer, activist and the co-founder of the Women's Equality Party. She is also the author of Good Grief: Embracing life at a time of death published in 2020 and Charles: The Heart of a King published in 2015 but both with newly update material.

Dr Elaine Kasket is a psychologist, an expert on death, and author of All the Ghosts in the Machine: The Digital Afterlife of your Personal Data published in 2019

Angela Levin is a journalist, royal commentator and biographer. Her books including Harry: Conversations with the Prince published in 2018 and Camilla: From Outcast to Queen Consort released last year.

Credits: Spare by Prince Harry / Audible Bryony Gordon's Mad World, a podcast by Telegraph Media Group Limited 2021

Photo: Britain's Prince Harry follows the coffin of Queen Elizabeth II during her funeral procession in 2022. Credit: Stephane de Sakutin/Pool via REUTERS

FRI 11:00 BBC News (w172ykqhhgd8fps)

FRI 11:06 The Newsroom (w172yl83wvr7sb5)

The world's Newsroom brings you global events as they happen

FRI 11:30 BBC News Summary (w172ykr9y5zysz5)

The latest two minute news summary from BBC World Service.

FRI 11:32 World Football (w3ct3hr8)

[Repeat of broadcast at 02:32 today]

FRI 12:00 BBC News (w172vkqhhgd8kfx)

The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3ct380d)

Why Kenyan pupils are burning schools

Why are students in Kenya burning their boarding schools? That was the question that inspired BBC Africa reporter Ashley Lime in the Nairobi bureau to investigate these sometimes deadly arson attacks which escalated after the Covid pandemic. She spoke to students, relatives of teenagers who died in the fires and experts to better understand this decades old problem.

Russian 'Old New Year'

After the 1917 Bolshevik revolution in Russia, the calendar and date of the official New Year changed from the Julian calendar to the Gregorian. But some people still choose to celebrate the 'Old New Year' which falls on the 14th January. Julia James of BBC Russian tells us how those Russians celebrate.

Brazil: flags and nationalism

The design of the Brazilian flag is supposed to represent the unity of the country, but in recent years the flag has become more associated with supporters of the previous president, Jair Bolsonaro. BBC Brasil's Ricardo Senra explains the polarisation of Brazil's flag.

Where are pandemic Bali farmers now?

Tourism is Bali's main industry so when Covid struck, many people lost their jobs and returned to their home villages. In Tembok in northern Bali a local scheme sponsored many to go into farming, so what's happened to those 'Covid farmers' now tourism has resumed? BBC Indonesian's Valdya Baraputri found out

Afghan women fight for education

Since the Taliban retook power in Afghanistan in August 2021 women's education has been dramatically curtailed. Secondary schools closed to women in March, and in December that ban was extended to universities. Aalia Farzan is a journalist for BBC Dari who has been hearing about their experiences of protesting and imprisonment.

(Photo: People attend the requiem mass for nine young girls who died in the Moi Girls School dormitory fire, in Nairobi on September 14, 2017. Credit: Simon Maina/AFP via Getty Images)

FRI 12:50 Witness History (w3ct3bxn)

[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172ykqhhgd8p61)

The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172yl83wvr80tf)

The world's Newsroom brings you global events as they happen

FRI 13:30 BBC News Summary (w172ykr9y5zz1gf)

The latest two minute news summary from BBC World Service.

FRI 13:32 Science In Action (w3ct36b6)

[Repeat of broadcast at 20:32 on Thursday]

FRI 14:00 BBC News (w172ykqhhgd8sy5)

The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172yfcdln5cbwg)

Russia announces capture of Soledar

Ukrainian officials accused Russia of "information noise" in the fight for the salt mine town of Soledar. The defence minister, Oleksii Resnikov, said the country was now a de facto member of Nato and dismissed the idea that Ukrainians should fear Russian escalation.

Also on the programme: covid spreads across China; and a special report on the people leading the biggest anti-mafia trial in Italy for decades.

(Image: A satellite view shows a destroyed school and buildings in south Soledar, Ukraine, in January 2023. Credit: Maxar Technologies/Reuters)

FRI 15:00 BBC News (w172ykqhhgd8xp9)

The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct32h1)

[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172vkr9v5zz8vp)

The latest two minute news summary from BBC World Service

FRI 15:32 World Business Report (w3ct3fvz)

China tightens its grip on tech

After more than two years of cracking down on China's technology giants, Beijing is now taking a different tack by buying shares in the companies and demanding a seat on the board. We look at what that means for the firms involved and online users in China.

Apple CEO Tim Cook has had his pay almost cut in half to \$49 million, after requesting it be cut. We find out if it's a trend other big bosses will follow.

And we hear how France's bakers are coping with soaring production costs from higher energy and ingredient prices.

(Picture: Investors look at computer screens showing stock information at a brokerage house in Shanghai, China, July 8th 2015 Credit: REUTERS/Aly Song)

FRI 16:00 BBC News (w172ykqhhgd91ff)

The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172yg1zcyqqfsh)

Lisa Marie Presley dies aged 54

Lisa Marie Presley - the musician and only daughter of Elvis Presley - has died after being taken to hospital in Los Angeles suffering cardiac arrest. Born in Memphis, she inherited her father's estate at the age of nine following his sudden death. We look back at her life and career and hear from fans.

We hear from three BBC Persian colleagues who share what it has been like to report on anti-government protests in Iran in spite of daily harassment and persecution of their families back at home

We talk about the worst political violence in Peru for years.

We hear more views on the social media influencer and selfconfessed misogynist Andrew Tate who is currently detained in Romania.

(Photo: Singer Lisa Marie Presley poses at the premiere of "Mad Max: Fury Road" in Hollywood, California, U.S. May 7, 2015. Credit: Mario Anzuoni/File Photo/Reuters)

FRI 17:00 BBC News (w172ykqhhgd955k)

The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172yg1zcyqqkjm)

Biden and classified documents

The US Justice Department has appointed a special counsel to investigate president Joe Biden's handling of classified documents. Our correspondent in Washington explains.

In Russia some streaming companies are altering and censoring foreign programmes which include gay sex scenes. We get reaction from Russians and speak to our reporter from BBC Russian.

Furious villagers in the Netherlands have warned treasure hunters to stay away, after they were overrun by people searching for valuables worth millions, allegedly hidden by Nazi soldiers during World War Two. Our correspondent travelled to the village to speak to the locals.

We look back at her life and career and hear from fans. We hear from three BBC Persian colleagues who share what it has been like to report on anti-government protests in Iran in spite of daily harassment and persecution of their families back at home

(Photo: U.S. President Joe Biden awaits the arrival of Japan's Prime Minister Fumio Kishida at the White House in Washington, U.S., January 13, 2023. Credit: Jonathan Ernst/Reuters)

FRI 18:00 BBC News (w172ykqhhgd98xp)

The latest five minute news bulletin from BBC World Service.

FRI 18:06 The Fifth Floor (w3ct380d)

[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3ct3bxn)

[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172ykqhhgd9dnt)

The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172vl83wvr8r96)

The world's Newsroom brings you global events as they happen

FRI 19:30 BBC News Summary (w172vkr9v5zzrv6)

The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w3ct4l5j) 2023/01/13 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

FRI 20:00 BBC News (w172ykqhhgd9jdy)

The latest five minute news bulletin from BBC World Service.

FRI 20:06 Tech Tent (w3ct4kj0)

[Repeat of broadcast at 09:32 today]

FRI 20:30 BBC News Summary (w172vkr9v5zzwpb)

The latest two minute news summary from BBC World Service.

FRI 20:32 CrowdScience (w3ct3j82)

What happens to insects in the winter?

When CrowdScience listener Eric spotted a few gnats flying around on a milder day in mid-winter it really surprised him-Eric had assumed they just died out with the colder weather. It got him wondering where the insects had come from, how they had survived the previous cold snap and what the implications of climate change might be for insect over-wintering behaviour? So he asked CrowdScience to do some bug inventionate.

CrowdScience presenter Marnie Chesterton takes up the challenge and heads out into the British countryside – currently teeming with buzzes and eight legged tiny beasties - to learn about the quite amazing array of tactics these small creatures use to survive the arduous days of cold.

She hears how some insects change their chemical structure to enhance their frost resistance whist others hanker down in warmer microclimates or rely on their community and food stocks to keep them warm.

But cold isn't the only climatic change insects have to endure, in the tropics the seasons tend to fluctuate more around wet and dry so what happens then? Marnie talks with a Kenyan aquatic insect expert who describes how mosquitoes utilise the rains and shares his worry climate change could have a big impact on insect expeditions.

Contributors:

Dr Erica McAlister – Entomologist and Senior Curator, Natural History Museum,

Dr Adam Hart – Entomologist and Professor of Science Communication - University of Gloucestershire Fran Haidon – Beekeeper

Laban Njoroge – Entomologist, head of the Invertebrate Zoology – Museum of Kenya Dr Natalia Li – Biochemist

Presenter: Marnie Chesterton Producer: Melanie Brown

[Image: Butterfly in winter resting on snow covered branch. Credit: Getty Images]

FRI 21:00 BBC News (w172ykqhhgd9n52)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172yfcdln5d63c)

Russia acknowledges role of Wagner mercenary group in battle for Soledar

World Service I	Listings for 7 – 13 January 2023	Page 17 of 17
For the first time, the Russian military admits to the Wagner Group's contribution to operations in Ukraine.		
Also in the programme: The United States and Japan celebrate a strengthening of their alliance; and Kurdish protestors in Stockholm threaten to derail relations between Sweden and Turkey.		
(Photo: Smoke rises from strikes on the frontline city of Soledar, as Russia's attack on Ukraine continues, as seen from Bakhmut, Ukraine, January 5, 2023. Credit: REUTERS/Clodagh Kilcoyne)		
FRI 22:00 BBC News (w172ykqhhgd9rx6) The latest five minute news bulletin from BBC World Service.		
FRI 22:06 The Newsroom (w172yrx81d30rys) The world's Newsroom brings you global events as they happen		
FRI 22:20 Sports News (w172yghhtqcyvyh) BBC Sport brings you all the latest stories and results from around the world.		
FRI 22:30 BBC News Summary (w172ykr9y600451) The latest two minute news summary from BBC World Service.		
FRI 22:32 World Business Report (w3ct3fy7) US banks reveal their earnings in the face of uncertainty		
The earnings season is kicking off - and it is closely watched as big companies declare what the last quarter of 2022 brought them in terms of revenue. And first to declare have been some of the biggest US banks. One major lender in the United States said it had set aside \$1.4 billion in anticipation of a mild recession.		
What's it like to live in a country where inflation rose 95%? We hear from Argentina, which has just experienced its highest rates in three decades.		
As Tesla make big cuts of up to 20% to the price of their electric cars – are we heading towards a price war in the EV market?		
And why a search for Nazi gold is causing havoc in the Netherlands		
(Picture: US Dollars, Credit: Getty Images)		
FRI 23:00 BBC News (w172ykqhhgd9wnb) The latest five minute news bulletin from BBC World Service.		
FRI 23:06 HARDtalk (w3ct32h1) [Repeat of broadcast at 08:06 today]		
FRI 23:30 BBC News Summary (w172ykr9y6007xq) The latest two minute news summary from BBC World Service.		
FRI 23:32 World Football (w3ct3hr8) [Repeat of broadcast at 02:32 today]		
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