

## SATURDAY 21 JANUARY 2023

### SAT 00:00 BBC News (w172ykqhvvq3509)

The latest five minute news bulletin from BBC World Service.

### SAT 00:06 The Real Story (w3ct33q4)

Has Germany been holding back the war effort in Ukraine?

Russia's invasion of Ukraine has led to one of the biggest shifts ever seen in Germany's post-war foreign policy. Vladimir Putin managed to achieve what NATO allies spent years trying to: a massive increase in Germany's military spending and a commitment to NATO's spending target of 2% of GDP. As the conflict escalated, Germany's longstanding relations with Russia cooled, there was an end to Russian energy imports and Germany began sending some weapons direct to Ukraine.

But back home Germans remain deeply divided about investing in their military given the long and painful shadow cast by the World Wars. A strand of pacifism has become deeply woven into German society and there are strong threads running through many of the political parties in power, including Chancellor Olaf Scholz's party, the Social Democratic Party.

This week defence ministers meet at the military base in Ramstein in Germany to discuss what they will do next in Ukraine. Chancellor Scholz is under increasing international pressure to give the go-ahead for German-made battle tanks to be sent to Ukraine.

So will the German Chancellor do what many of his Western allies want or will he continue to favour diplomacy in an effort to avoid provoking Vladimir Putin further? And, if Europe cannot agree, what does this mean for the future of European security and the EU project as a whole?

Photo: German Chancellor Olaf Scholz looks at weapons during a visit to a military base of the German army Bundeswehr in Bergen, Germany, in October 2022. Credit: REUTERS/Fabian Bimmer

Producers: Ellen Otzen and Pandita Lorenz

### SAT 01:00 BBC News (w172ykqhvvq38rf)

The latest five minute news bulletin from BBC World Service.

### SAT 01:06 Business Matters (w172ydg8wj435ns)

China: Will the Lunar New Year boost the economy?

It's the biggest single one-time movement of people on Earth, as Chinese citizens travel across the country to celebrate the Lunar New Year with friends and family.

As the FTX trial continues we find out what it means for those who have lost their money and if there's any chance they could get it back.

Roger Hearing discusses this and more business news with Stephanie Hare, researcher of technology and politics in London and Peter Lewis, Director of the Australia Institute's Centre for Responsible Technology in Sydney.

(Picture: People walk along the Beijing West Railway Station in Beijing, China, 20 January 2023 Credit: Photo by MARK R CRISTINO/EPA-EFE/REX/Shutterstock)

### SAT 02:00 BBC News (w172ykqhvvq3dhk)

The latest five minute news bulletin from BBC World Service.

### SAT 02:06 The Newsroom (w172yl848422r3y)

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

### SAT 02:30 BBC News Summary (w172ykrb9g9srry)

The latest two minute news summary from BBC World Service.

### SAT 02:32 Stumped (w3ct371t)

Shukri Conrad: 'I face a monumental task with South Africa'

On this week's episode of Stumped, Shukri Conrad joins Eleanor Oldroyd, Jim Maxwell and Sunil Gupta for his first interview since being appointed as the coach of South Africa men's Test side. It's been a disappointing period for the Proteas after heavy defeats in Australia and England, and Conrad admits that it's not going to be easy to fix their issues. We discuss their batting frailties, whether Dean Elgar will remain as captain, and we pay tribute to legendary batsman Hashim Amla after he announced his retirement from all forms of cricket.

Is India's Shubman Gill realising his potential? After coming under pressure from Ishan Kishan for his place in the side, the 23-year-old repaid the faith shown in him as he became the

youngest man to score a double century in a One Day International, helping his side beat New Zealand in the process. Plus, we ask how much pressure is on Virat Kohli ahead of the Border-Gavaskar Trophy with Australia?

We also take a look at the competition that Sachin Tendulkar says could transform the landscape of women's cricket. The Women's U19 T20 World Cup is in full swing, and we look back on impressive wins for Bangladesh and Rwanda, while there's yet more Mankad controversy.

Image: Dean Elgar of South Africa walk off after being dismissed during day one of the First Test match between Australia and South Africa at The Gabba on December 17, 2022 in Brisbane, Australia. (Photo by Chris Hyde - CA/Cricket Australia via Getty Images)

### SAT 03:00 BBC News (w172ykqhvvq3j7p)

The latest five minute news bulletin from BBC World Service.

### SAT 03:06 The Fifth Floor (w3ct380f)

Belarus language crackdown

It's becoming more and more dangerous to speak Belarusian in Belarus, with reports of people being sacked and even arrested for trying to conduct their work in Belarusian. The linguistic clampdown escalated after the 2020 pro-democracy protests against long-term leader Alexander Lukashenko, as BBC Russian journalist, and Belarusian, Tatsiana Yanutsevich reports.

### Sri Lanka's education crisis

In Sri Lanka many parents are having to decide which children to send to school. It's a consequence of the political and economic crisis and the dramatic rise in the cost of basics like food and transport. Delhi-based BBC Sinhala editor Ishara Danasekara returned to her home country to make this report.

Impeachment, protests and deaths: what is happening in Peru? The impeachment and arrest of Peru's former president Pedro Castillo brought thousands onto the streets, demanding new elections and the removal of his successor, Dina Boluarte. Violent clashes with the security forces have left dozens dead and scores injured. BBC Mundo's Guillermo Olmo explains the background, and why Peru is so deeply divided.

### South Korea and Ghana – the chocolate connection

For chocolate lovers in South Korea, the most familiar brand is probably Ghana. "Ghana" is written prominently on the wrapper but how much do South Koreans know about the country it's named after? We brought together Bugyeong Jung from BBC Korean and BBC Africa's Thomas Naadi, who's Ghanaian to find out.

(Photo: 'Belarus is not Russia' placard and woman wrapped in old Belarus flag, at Kyiv rally in solidarity with Belarusian anti-government protest, September 2022. Credit: STR/NurPhoto via Getty Images)

### SAT 03:50 Witness History (w3ct3bxp)

Swine flu vaccine and narcolepsy

In 2009, hundreds of teenagers' lives were changed forever, when a vaccine designed to protect them against swine flu appeared to trigger a sleep disorder.

It affected people in various countries including Sweden.

Maddy Savage speaks to Christopher Tyvi from Stockholm, who is one of those who experienced problems.

A Bespoken Media production for BBC World Service.

(Photo: Swine flu vaccine. Credit: Getty Images)

### SAT 04:00 BBC News (w172ykqhvvq3mzt)

The latest five minute news bulletin from BBC World Service.

### SAT 04:06 The Real Story (w3ct33q4)

[Repeat of broadcast at 00:06 today]

### SAT 05:00 BBC News (w172ykqhvvq3rqy)

The latest five minute news bulletin from BBC World Service.

### SAT 05:06 The Newsroom (w172yl8484233cb)

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

### SAT 05:30 BBC News Summary (w172ykrb9g9t40b)

The latest two minute news summary from BBC World Service.

### SAT 05:32 The Explanation (w3ct4m28)

Roe v Wade and abortion in America

Fifty years ago, Jane Roe found herself at the centre of a ruling that would fuel US politics for the following decades. The Roe V Wade case gave women the constitutional right to abortion, until 2022 when it was overturned by the US Supreme Court.

Claire Graham speaks with Katty Kay about the 1973 legal case, the legacy of that ruling and how abortion became such a central issue in contemporary American politics.

Presenter: Claire Graham

Producer: Owen McFadden

### SAT 05:50 More or Less (w3ct3k5w)

Does toilet paper cause 15% of global deforestation?

A British company has claimed that the production and use of toilet paper is responsible for 15% of deforestation globally. We investigate the claim and ask what the true environmental cost of toilet paper is. Charlotte McDonald talks to climate change scientist Professor Mary Gagen, chief adviser on forests to the World Wide Fund for Nature, the WWF.

Presenter: Charlotte McDonald

Producer: Louise Hidalgo and Jon Bithrey

Editor: Richard Vaden

Production Coordinator: Helena Warwick-Cross

Studio Engineer: Rod Farquhar

### SAT 06:00 BBC News (w172ykqhvvq3wh2)

The latest five minute news bulletin from BBC World Service.

### SAT 06:06 Weekend (w172ykwlvqxg6v9)

US sanctions Russia's Wagner mercenaries

The United States has imposed further sanctions on Russian mercenary group Wagner, which has been fighting alongside Moscow's forces in Ukraine.

Also on Weekend: Dozens of people have been injured in continuing anti-government demonstrations in Peru; and New Zealand Labour MP Chris Hipkins is set to replace Jacinda Ardern as Prime Minister after becoming the only nominee for the party's leadership.

Joining Paul Henley to discuss these and other stories are Latika Bourke, an Australian journalist and author, and Dr Paul Lowe, a photographer, reader in documentary photography at London College of Communication, the University of the Arts, London.

(Photo: Coordinator for Strategic Communications at the National Security Council in the White House John Kirby, Washington, USA - 20 Jan 2023. Credit: EPA)

### SAT 07:00 BBC News (w172ykqhvvq4076)

The latest five minute news bulletin from BBC World Service.

### SAT 07:06 Weekend (w172ykwlvqxgblf)

US impose new sanctions on Russia's Wagner Group

The United States has imposed further sanctions on Russian mercenary group Wagner, which has been fighting alongside Moscow's forces in Ukraine.

Also on Weekend: anger in Belgrade as Wagner publishes Serbian-language videos to encourage recruitment for the war in Ukraine; and abortion rights once again take centre stage in the United States as Americans reflect on what would have been the 50th anniversary of the overturned Roe v Wade ruling, the Supreme Court ruling which established the constitutional right to abortion.

Joining Paul Henley to discuss these and other stories are Latika Bourke, an Australian journalist and author, and Dr Paul Lowe, a photographer, reader in documentary photography at London College of Communication, the University of the Arts, London.

(Photo: Visitors pose for a picture outside PMC Wagner Centre, which is a project implemented by the businessman and founder of the Wagner private military group Yevgeny Prigozhin, during the official opening of the office block in Saint Petersburg, Russia, 4 November, 2022. Credit: Igor Russak/Reuters)

### SAT 08:00 BBC News (w172ykqhvvq43zb)

The latest five minute news bulletin from BBC World Service.

### SAT 08:06 Weekend (w172ykwlvqxggbk)

Peru protests: Clashes leave tens injured

At least 58 Peruvians have been injured in clashes on another day of anti-government demonstrations. Peru's interior minister (Vicente Romero) said eight people were being treated in hospital after more than a thousand protesters attacked a police station in the town of Ilave.

Also on Weekend: Finland's Foreign Minister, Pekka Haavisto talks about NATO support to Ukraine; and a new BBC documentary tells the story of one woman's search for Yiddish songs banned in Central Asia during the Soviet Union.

Joining Paul Henley to discuss this and more in the studio in London are Latika Bourke, an Australian journalist and author; and Dr Paul Lowe, a photographer and reader in documentary photography at London College of Communication, the University of the Arts, London.

(Photo: A woman waves a Peruvian flag amid anti-government protests after Peru's former President Pedro Castillo was ousted. Credit: Reuters).

**SAT 08:30 BBC News Summary (w172ykrb9g9th7q)**  
The latest two minute news summary from BBC World Service.

**SAT 08:32 The Conversation (w3ct37n2)**  
Women and chronic migraine pain

Headache, nausea and sensitivity to light are all common symptoms of migraine. According to the BBC, one in five women suffer from migraines. Studies also show that between two to three times as many women endure them as men – a ratio that fluctuates depending on stage of life. Kim Chakanetsa speaks to two women whose lives have been shaped by migraines.

Sarah Shaw from New Jersey, USA, has lived with chronic migraine for 10 years. After years of searching, Sarah finally had a breakthrough with treatment last year – when she found a Black neurologist. Sarah journey with migraine led her to a job in patient advocacy for Black, Indigenous, and People of Colour (BIPOC) patients, with the non-profit patient advocacy organization, the Global Healthy Living Foundation.

Lise R Øie is a Norwegian neurologist and postdoctoral research fellow at the Norwegian Headache Research Centre (NorHEAD). Lise conducts clinical research on migraine treatment, and is currently looking into a blood pressure preventative treatment for migraines.

(Image: (L) Sarah Shaw, courtesy Sarah Shaw. (R) Lise R Øie, courtesy Lise R Øie.)

**SAT 09:00 BBC News (w172yqkhvqq47qg)**  
The latest five minute news bulletin from BBC World Service.

**SAT 09:06 BBC OS Conversations (w3ct418p)**  
Afghan women

Since the Taliban returned to power some 18 months ago, women in Afghanistan have been removed from nearly all areas of public life. They are barred from secondary schools, universities and most workplaces and cannot even socialise in public parks.

As Afghanistan faces a growing humanitarian crisis, we bring together three students in the country to share their experiences of life under Taliban rule. We hear about the challenges they face - one tells us she has not left her home for a month – and their hopes for the future.

Women in the country are also barred from sports. In protest, Cricket Australia recently withdrew from a men's' one-day series against Afghanistan. We catch up with three young women who used to compete in Afghanistan. Footballer, Najma, tells us that in the country many girls wish they had been born boys.

After former Afghan MP, 32-year-old Mursal Nabizada, was shot dead at her home in the Afghan capital, Kabul, we bring together two politicians who had fled the country when the Taliban returned to power. We hear of the pain they feel for those left behind and what they are trying to do to raise awareness of the situation for women.

(Photo: Najma in the UK)

**SAT 09:30 BBC News Summary (w172ykrb9g9t1zv)**  
The latest two minute news summary from BBC World Service.

**SAT 09:32 Pick of the World (w3ct41xz)**  
What would you change about the seven-day week?

How this unnatural cycle came to organise our lives - and what

you would do differently. Plus, the Syrian man who lived in an airport for seven months - and the lyricist behind Indian movie smash hit, Naatu Naatu.

**SAT 09:50 Over to You (w3ct35tf)**  
Was undue prominence given to Prince Harry?

Prince Harry has had a very public falling out with the British royal family. And he has chosen to air his grievances in a best-selling book. But should his personal opinions have been given such prominence on the BBC World Service? We question a senior news editor.

Plus, was the weekly online news quiz too UK-centric? One reader thinks so. Its compiler comes to its defence!

Presenter: Rajan Datar  
Producer: Howard Shannon.  
A Whistledown production for the BBC World Service

**SAT 10:00 BBC News (w172yqkhvqq4cgl)**  
The latest five minute news bulletin from BBC World Service.

**SAT 10:06 Sportshour (w3ct363g)**  
Diving in and facing your fears

Warning! If you are not good with heights, look away now. Canada's Lysanne Richard is one of the best high divers in the world. The former World Champion excels at throwing herself from extraordinary heights, and as she plummets from the tops of cliffs she can reach speeds in excess of 75 kilometres per hour... So how does she overcome fear and exactly how high is high diving?

The city of Liverpool has a reputation for producing the very best in British culture and sport, from the Beatles to Anfield to Everton and beyond... but recently the city has been blighted by gun crime including the murder of several innocent people, mostly women. Now an initiative called 'Weapons Down Gloves Up' is encouraging the community to come together and use boxing to reduce violence on the streets. One of those involved is UFC fighter Molly 'Meatball' McCann, a proud Liverpudlian

Is it possible to combine high quality motor racing, scintillating battles around some of the most far flung corners of the earth alongside a desire to help the planet? Well that's what "Extreme E" is trying to do. The Motor sport championship sees electric SUVs competing in extreme surroundings already affected by environmental issues, highlighting the damaging effects of climate change around the world. However does it's green credentials get in the way? Not according to Extreme E Founder and CEO, Alejandro Agag.

Footballer Millie Farrow first tore her anterior cruciate ligament aged just 15. It happened a year after she was diagnosed with the mental health condition Obsessive Compulsive Disorder. The chances of her fulfilling her dream of becoming a professional footballer were slim, to none... but Fast forward 10 years or so and Mille has some how managed to over come several more physical injuries and also learned how to live successfully with her OCD... something she has detailed in her new book "Brave Enough Not to Quit: How I Realised My Football Dream" So, all in all quite a lot for anyone who is only 26 years old!

PHOTO: Lysanne Richard of Canada dives from a rock cliff prior to the third stop of the Red Bull Cliff Diving World Series on May 29, 2019 at Polignano a Mare, Italy. (CREDIT: Dean Tremil/Red Bull via Getty Images)

**SAT 11:00 BBC News (w172yqkhvqq4h6q)**  
The latest five minute news bulletin from BBC World Service.

**SAT 11:06 The Newsroom (w172yl848423vc3)**  
The world's Newsroom brings you global events as they happen

**SAT 11:30 BBC News Summary (w172ykrb9g9t1vh3)**  
The latest two minute news summary from BBC World Service.

**SAT 11:32 Global Questions (w3ct4215)**  
Sri Lanka: Rising global unrest

Many Sri Lankans blame the government for the island's worst economic crisis in history, contributing to estimates that 5.7 million people are in need of humanitarian assistance across the country. Frustrations boiled over this summer into largely peaceful protests, with thousands taking to the streets and storming the president's official residence. A recent report from Amnesty says the Sri Lanka economic crisis has had 'devastating consequences' on healthcare and food supplies. Life-threatening shortages of medicine and essential equipment threaten the people of Sri Lanka face little to no access to

healthcare and are being driven to the brink of starvation, malnutrition and deep poverty. As the international business elite gather for the World Economic Forum in Davos, some experts are warning rising costs globally mean the worst of civil unrest is yet to come in more than half the world's countries,

**SAT 12:00 BBC News (w172yqkhvqq4lyv)**  
The latest five minute news bulletin from BBC World Service.

**SAT 12:06 The Documentary (w3ct4ndb)**  
Yiddish glory: Jewish refugees in Central Asia

During World War Two, approximately 1.6 million Soviet, Polish and Romanian Jews survived by escaping to Soviet Central Asia and Siberia, avoiding imminent death. Many of them wrote music about the horrors as the Holocaust unfolded. A miraculous discovery in the Vernadsky National Library in Kyiv revealed a collection of Yiddish music created during the 1940s that documented their numerous traumas. These songs were collected by amateur and professional poets, and then organised by the Ukrainian folklorist Moisei Beregovsky. However, the archive was confiscated by the KGB after the end of the war. The songs were never performed since, in public or in private.

Singer Alice Zawadzki, whose own family found themselves on a similar journey to Central Asia, and historian Anna Shternshis of the University of Toronto, who led the project to bring these songs back to life, travel to Kazakhstan and Uzbekistan to retrace the journeys of those Jewish refugees who became music composers. From Tashkent and Samarkand to Bukhara and Almaty, they met the descendants of families and children of those survivors who stayed in Central Asia.

Producer: Michael Rossi

(Photo: Jewish Quarter, Samarkand, Uzbekistan. Credit: Giovanni Mereghetti/Getty Images)

**SAT 13:00 BBC News (w172yqkhvqq4qgz)**  
The latest five minute news bulletin from BBC World Service.

**SAT 13:06 Newshour (w172yfcdyxh78n8)**  
Is pacifism behind German reluctance to send tanks?

Ukraine's defence minister has had a "frank discussion" with his German counterpart about German Leopard 2 tanks, which Kyiv is urgently requesting to confront the Russian military. Germany has not yet decided whether to send the tanks to Ukraine, or allow other countries to donate theirs, despite pressure on Berlin to act.

Also on the programme: on the 50th anniversary of the Roe v Wade US Supreme court ruling, overturned 7 months ago, we hear from both sides of the bitter divide; and we go to New Zealand where Chris Hipkins is set to become the country's next prime minister.

(Photo: A Leopard 2 tank fires during army training at a military base of the German army Bundeswehr in Bergen, Germany, October 17, 2022. Credit: Reuters/Fabian Bimmer)

**SAT 14:00 BBC News (w172yqkhvqq4vg3)**  
The latest five minute news bulletin from BBC World Service.

**SAT 14:06 Sportsworld (w172yqk52fx5jgw)**  
Live Sporting Action

Lee James will be joined by the former Tottenham, Fulham and Republic of Ireland right back Stephen Kelly and the Heart of Midlothian and New Zealand forward Katie Rood to build up to Saturday's six Premier League games, including live commentary of West Ham against Everton at the London Stadium.

We'll also reflect on the sixth day of action at the Australian Open and the second ODI between India and New Zealand, as well as preview the NFL divisional round.

Photo: Everton's Demarai Gray during the Premier League match between Everton FC and Southampton FC at Goodison Park on January 14, 2023 in Liverpool, United Kingdom. (Photo by Dave Howarth - CameraSport via Getty Images)

**SAT 18:00 BBC News (w172yqkhvqq5bfm)**  
The latest five minute news bulletin from BBC World Service.

**SAT 18:06 The Newsroom (w172yl848424p20)**  
The world's Newsroom brings you global events as they happen

**SAT 18:30 BBC News Summary (w172ykrb9g9vpq0)**  
The latest two minute news summary from BBC World Service.

**SAT 18:32 The Explanation (w3ct4m28)**  
[Repeat of broadcast at 05:32 today]

**SAT 18:50 Sporting Witness (w3ct36gr)**  
Tiger Woods wins his first major

At the age of 21, Tiger Woods won the US Masters in 1997 by dominating the tough golf course in Augusta. Despite turning professional only a few months before, he destroyed the competition, winning the tournament by 12 strokes. He was the first black man to win the Masters at the Augusta National Golf Club, which had only allowed their first black member in 1990. This incredible win was the start of him becoming golf's most transcendent superstar.

(Photo: Tiger Woods receives the Masters green jacket from 1996 Masters champion Nick Faldo after Woods won the 1997 Masters tournament 13 April 1997 at Augusta National Golf Club in Georgia. Credit: Getty Images)

**SAT 19:00 BBC News (w172ykhvqq5g5r)**  
The latest five minute news bulletin from BBC World Service.

**SAT 19:06 The Documentary (w3ct4ndc)**  
The Black Book

As the Nazi invasion of the Soviet Union swept over vast areas of Ukraine and Belorussia from the summer of 1941, over three million Jews were deliberately targeted for annihilation. Shot, hung, butchered, a million and a half Jewish souls were buried in vast pits in Babi Yar, Rumbula, Mariupol, Minsk, Kyiv and Riga. Many accounts began to flood into the Soviet Union where journalist and writer Ilya Ehrenburg began gathering testimonies of the mass murder. This became The Black Book, a project now under the auspices of the Jewish Anti Fascist Committee,

Many writers of the Black Book lost relatives. All felt bound to record and convey the sense of loss and the scope of the Nazi's crime. The project would become international - there would be Black Books in America and elsewhere. Then a new, terrible silence was imposed on Stalin's orders. The Black Book was taken off the presses, banned and would not see the light of day for another 40 years. Many of those involved in its preparation would be persecuted or murdered as part of a new anti-Semitic campaign in the last years of Stalin's rule.

Historian Catherine Merridale travels to Riga, Latvia and Yad Vashem, where the Black Book was smuggled, to uncover this complex story of loss, silence and rediscovery.

Presenter: Catherine Merridale  
Producer: Mark Burman

(Photo: Rumbula Forest, Riga, site of mass murder of 25,000 Jews in the winter 1941)

**SAT 20:00 BBC News (w172ykhvqq5kxw)**  
The latest five minute news bulletin from BBC World Service.

**SAT 20:06 The Arts Hour (w3ct391c)**  
Comedian Alex Edelman on dealing with internet trolls

Nikki Bedi is joined by Jewish American comedian Alex Edelman, whose sharply observed current show is about how he dealt with anti-Semitic trolls.

They'll be discussing Oscar-winning director Sam Mendes' latest Empire of Light and indie film director Nikyatu Jusu's folk horror film Nanny.

They hear from British-Sri Lankan comedian Romesh Ranganathan discussing his Netflix Comedy Special,

Todd Field on his latest film, Tár,

Writer/director Marie Kreutzer on Corsage

and there's music from sarod maestro Amjad Ali Khan and his sons Amaan and Ayaan.

Writer and cultural critic Hanna Flint also joins Nikki in the studio.

(Photo: Alex Edelman. Credit: Alastair Muir)

**SAT 21:00 BBC News (w172ykhvqq5pp0)**  
The latest five minute news bulletin from BBC World Service.

**SAT 21:06 Newshour (w172yfcdyxh87m9)**  
Protests in Israel against plans to limit judiciary powers

Thousands of Israeli protesters have rallied against plans by the new right-wing coalition government to overhaul the judiciary.

The reforms would make it easier for parliament to overturn Supreme Court rulings, among other things, but protesters described Prime Minister Benjamin Netanyahu's proposed changes as an attack on democratic rule.

Also in the programme: Brazil's president sacks the army chief just weeks after a violent uprising by rioters calling for a coup; and we look at Niger's success in halving the number of women who die from bleeding at childbirth.

(Photo shows an aerial view of protesters rallying against plans by the new right-wing coalition government to overhaul the judiciary. Credit: Corinna Kern/Reuters)

**SAT 22:00 BBC News (w172ykhvqq5tf4)**  
The latest five minute news bulletin from BBC World Service.

**SAT 22:06 The Newsroom (w172yrcx8dndwtgq)**  
The world's Newsroom brings you global events as they happen

**SAT 22:20 Sports News (w172yghj5zptxgf)**  
BBC Sport brings you all the latest stories and results from around the world.

**SAT 22:30 BBC News Summary (w172ykrb9g9w5pj)**  
The latest two minute news summary from BBC World Service.

**SAT 22:32 The Cultural Frontline (w3ct37sn)**  
Cate Blanchett: My 'dangerous' role

On this week's The Cultural Frontline we explore the power of music and how artists have been using it to highlight issues including politics and the #MeToo movement.

Prakash Neupane is a Nepali rapper and writer who mixes hip hop and R&B with social and political messages. His songs address the issues facing Nepal and his thoughts on the political situation in the country and its complex recent history. Prakash talks to Tina Daheley about why he feels rap is a good way of getting his message across and his role in a flourishing new wave of the Nepali hip hop scene.

The Australian actor Cate Blanchett has just won a Golden Globe for her portrayal of a fictitious classical music conductor and composer in Todd Field's new film Tár. It follows the downfall of Lydia Tár who is at the pinnacle of her career when she is accused of bullying and sexual misconduct towards her fellow musicians. Cate speaks to reporter Anna Bailey about why she wanted to take on this role and shares her response to the criticisms the film has faced. They are also joined by the creative force behind Tár's score, the award-winning Icelandic composer Hildur Guðnadóttir. Hildur discusses her own experiences of being a woman creating music.

Plus Syrian clarinettist and composer, Kinan Azmeh. He's recently performed his own works with the London Philharmonic Orchestra as part of their A place to call home series, which explores issues of displacement and exile. Kinan speaks to The Cultural Frontline's Andrea Kidd about how his works, including his Clarinet Concerto, have been influenced by the Syrian civil war and the importance of home.

(Photo: Cate Blanchett in Tár. Credit: Universal)

**SAT 23:00 BBC News (w172ykhvqq5y58)**  
The latest five minute news bulletin from BBC World Service.

**SAT 23:06 Music Life (w3ct30l3)**  
More is more, with Stella, Michelle Gurevich, and Las Palabras

Stella, Michelle Gurevich, and Las Palabras discuss the difference between writing in your first or second language, insisting you use major chords in your work to sound happy, why the songs that live in your head are always so simple, and why more is actually more.

Greek singer Stella started out focusing on visual arts before getting into music, studying at Athens School of Fine Arts. Her sound combines indie, synthpop and folk music, drawing on Greek instruments such as the bouzouki and giving a modern twist.

Michelle Gurevich is a Canadian singer known for her intimate ballads that combine humour with dark realism. She was brought up on her parents' collection of Soviet and '70s European records, and creates a decadent yet dramatic sound

that sells out shows across Eastern Europe and beyond.

Rafael Cohen - AKA Las Palabras - is a Guatemalan-American singer and bassist who plays bass for rock band !!! (Chk Chk Chk). His current project arose out of a desire to write songs in his native language of Spanish, despite not being very proficient, and creates charming songs that draw on the sounds of Brazilian popular music, American soul and the traditional sounds of Mexico.

## SUNDAY 22 JANUARY 2023

**SUN 00:00 BBC News (w172ykhvqq61xd)**  
The latest five minute news bulletin from BBC World Service.

**SUN 00:06 BBC OS Conversations (w3ct418p)**  
[Repeat of broadcast at 09:06 on Saturday]

**SUN 00:30 BBC News Summary (w172ykrb9g9wf5s)**  
The latest two minute news summary from BBC World Service.

**SUN 00:32 The Explanation (w3ct4m28)**  
[Repeat of broadcast at 05:32 on Saturday]

**SUN 00:50 More or Less (w3ct3k5w)**  
[Repeat of broadcast at 05:50 on Saturday]

**SUN 01:00 BBC News (w172ykhvqq65nj)**  
The latest five minute news bulletin from BBC World Service.

**SUN 01:06 The Science Hour (w3ct3b0d)**  
Climate science activism

Climate researcher, Rose Abramoff took to the stage at the American Geophysical Union (AGU) fall meetings, not as a guest speaker but in protest. Whilst her demonstration only lasted 15 seconds, she found her employment terminated from Oak Ridge National Laboratory and research stripped from the AGU programme. She was attempting to persuade other climate scientists to 'get out of the lab and into the street'. Whilst Rose's protest hit the headlines in the media, potentially less attention was paid to the session that was taking place at the conference, hosted by Mika Tosca, climate scientist-turn-artist, Associate Professor of Liberal Arts at the School of the Art Institute of Chicago. Ronald brings the two together to discuss the event and how climate scientists should approach activism.

Although there is no one solution to the climate crisis, Roland loves a brainstorm on Science in Action. Climate activist Stuart Capstick, a Cardiff University psychologist specialising in public attitudes to environmental issues and environmental scientist Robert Young from Western Carolina University take the conversation one step further. Questioning how public perceptions of scientists change when they take evasive action and protest.

And finally, we usually hear of seismology reports coming from dense, urban areas prone to earthquakes, delicately perched atop of tectonic plates. But this week, Roland speaks to Professor of Geophysics Zhongwen Zhan from the California Institute of Technology, who's collecting data from a very unusual place...

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 investigation.

CrowdScience presenter Marnie Chesterton takes up the challenge and heads out into the British countryside - currently teeming with buzzes and eight legged tiny beasts - 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 whilst others hunker 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 populations.

World Service Listings for 21 – 27 January 2023		Page 4 of 17
<p><b>SUN 02:00 BBC News (w172ykqhvqq69dn)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 02:06 The Newsroom (w172y1848425n11)</b> The world's Newsroom brings you global events as they happen</p> <p><b>SUN 02:30 BBC News Summary (w172ykrb9g9wnp1)</b> The latest two minute news summary from BBC World Service.</p> <p><b>SUN 02:32 Health Check (w3ct32xm)</b> The 'Endo-Monster inside me'</p> <p>In this week's episode we hear from two women who talk about what life is like with endometriosis, an incredibly common but debilitating condition where tissue similar to the lining of the womb grows in other places in the body.</p> <p>Katherine from Ghana and Dee from Wales describe their long journeys to diagnosis and how the "invisible illness" affects every aspect of their lives, from mental health to work and relationships.</p> <p>We also hear from a researcher in the US who is studying the condition in minute detail in the hope that arming the scientific community with deeper knowledge will help lead to new treatments.</p> <p>Presenter Smitha Mundasas joins a singing group in London which aims to tackle post-natal depression among new mums. She hears how the project, which is rooted in research, is challenging them artistically and helping to reduce symptoms.</p> <p>Also joining us is Matt Fox, Professor of Epidemiology and Global Health at Boston University, who'll discuss what progress is being made in the fight to eradicate rabies by 2030 and talk us through a study on the best music to fall asleep to... Zzz...</p> <p>Presenter: Smitha Mundasas Producer: Gerry Holt</p> <p><b>SUN 03:00 BBC News (w172ykqhvqq6f4s)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 03:06 The Documentary (w3ct4ndb)</b> [Repeat of broadcast at 12:06 on Saturday]</p> <p><b>SUN 04:00 BBC News (w172ykqhvqq6jwx)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 04:06 From Our Own Correspondent (w3ct32bk)</b> Ukraine dreams of a different future</p> <p>Pascale Harter introduces dispatches from reporters and writers in Ukraine, Nepal, Iraq and the Netherlands.</p> <p>In the Donbas, eastern Ukraine, Andrew Harding has seen many signs of local people's resilience – and their determination to hold on to their hopes, even amid the chaos and destruction. Among many others, one punk musician turned battlefield medic told him that his band plan to 'play our best gigs ever' after the war.</p> <p>Nepal's roads are terrifying, its mountains towering, and its air safety record appalling. But because of the huge distances and rough terrain, more and more Nepalis have been travelling by air in recent years. Rajini Vaidyanathan reports on the aftermath after Yeti Air flight 961 crashed near Pokhara.</p> <p>The relationship between Iran and Iraq is tangled, heated, often tense - and in the past it's often been bloodstained. Today, Tehran's influence on Baghdad is palpable, in many fields. Iraqi shoppers are faced with a vast array of Iranian-made goods in the shops, for example. Yet Iraq also shelters members of some Iranian opposition groups – and they back the anti-government protest wave within Iran. Lizzie Porter explores some of the complexities of the two countries' coexistence.</p> <p>And in Amsterdam, Christa Larwood gets a sniff of the past – with a sense of what the former Dutch empire might have smelled like. It wasn't all lace-trimmed gloves scented with ambergris and spices; the stink of the docks and the stench of sewage also hung heavy over the city.</p> <p>Producer: Polly Hope Production Co-Ordinator: Iona Hammond</p> <p><b>SUN 04:30 BBC News Summary (w172ykrb9g9wx59)</b> The latest two minute news summary from BBC World Service.</p>	<p><b>SUN 04:32 The Cultural Frontline (w3ct37sn)</b> [Repeat of broadcast at 22:32 on Saturday]</p> <p><b>SUN 05:00 BBC News (w172ykqhvqq6nn1)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 05:06 The Newsroom (w172y184842608f)</b> The world's Newsroom brings you global events as they happen</p> <p><b>SUN 05:30 BBC News Summary (w172ykrb9g9x0xf)</b> The latest two minute news summary from BBC World Service.</p> <p><b>SUN 05:32 The Documentary (w3ct4mnb)</b> What do you think you are? Part two</p> <p>There's growing scientific evidence that many animals are not only conscious but they 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. In the second part of this two-part series, Sue Armstrong reports on the latest scientific research into the minds and consciousness of animals and the wider implications this has on our relationship with animals.</p> <p>Producer: Ruth Evans</p> <p>(Photo: Kune Kune pigs. Credit: Wolfgang Kaehler/Getty Images)</p> <p><b>SUN 06:00 BBC News (w172ykqhvqq6sd5)</b> Six more classified documents seized at Biden home</p> <p>Investigators in the US have seized six more classified documents from President Biden's family home in Delaware. The White House says it is cooperating fully with the investigation, but Republican lawmakers are accusing the President of lying to the public.</p> <p>Also on Weekend: Over 100,000 have taken to the streets in Israel to demonstrate against plans by the country's right-wing government to overhaul the judicial system; and conservationists in India warn that the growth of river tourism will threaten the Ganges' endangered dolphins.</p> <p>Joining Paul Henley to discuss this and more in the studio in London are Lijia Zhang, a Chinese-born writer and social commentator and Tim Jackson, an ecological economist and writer and Professor of Sustainable Development at the University of Surrey.</p> <p>(Photo: U.S. President Joe Biden on Friday. Credit: Reuters).</p> <p><b>SUN 06:06 Weekend (w172ykwvlqxt3rd)</b> Six more classified documents seized at Biden home</p> <p>Investigators in the US have seized six more classified documents from President Biden's family home in Delaware. The White House says it is cooperating fully with the investigation, but Republican lawmakers are accusing the President of lying to the public.</p> <p>Also on Weekend: Over 100,000 have taken to the streets in Israel to demonstrate against plans by the country's right-wing government to overhaul the judicial system; and conservationists in India warn that the growth of river tourism will threaten the Ganges' endangered dolphins.</p> <p>Joining Paul Henley to discuss this and more in the studio in London are Lijia Zhang, a Chinese-born writer and social commentator and Tim Jackson, an ecological economist and writer and Professor of Sustainable Development at the University of Surrey.</p> <p>(Photo: U.S. President Joe Biden on Friday. Credit: Reuters).</p> <p><b>SUN 07:00 BBC News (w172ykqhvqq6x49)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 07:06 Weekend (w172ykwvlqxt7hj)</b> FBI investigators find six more classified documents in President Biden's home</p> <p>FBI investigators have searched President Biden's family home in Wilmington, Delaware, finding six more classified documents. The White House says it is cooperating with the investigation, but Republicans have taken to Twitter to accuse the President of systematic wrongdoing.</p> <p>Also on Weekend: China's population falls for the first time since the famine of the 1960s; and a new BBC podcast</p>	<p>investigates an extraordinary catfishing scam.</p> <p>Joining Paul Henley to discuss this and more in the studio in London are Lijia Zhang, a Chinese-born writer and social commentator and Tim Jackson, an ecological economist and writer and Professor of Sustainable Development at the University of Surrey.</p> <p>(Photo: A US flag flies at the Robert F. Kennedy Department of Justice Building. Credit: Reuters)</p> <p><b>SUN 08:00 BBC News (w172ykqhvqq70wf)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 08:06 Weekend (w172ykwvlqxtc7n)</b> Peru protests: Machu Picchu closed indefinitely and tourists stranded</p> <p>The government said it closed the site, and the Inca trail hike leading up to it, to protect tourists and citizens over the ongoing protests against the country's new president. We speak to a former government minister who resigned last month.</p> <p>Also on Weekend: China wins a bid to explore Bolivia's huge lithium reserves; the multimillionaires who went to Davos to say 'tax the rich.'</p> <p>Joining Paul Henley to discuss this and more in the studio in London are Lijia Zhang, a Chinese-born writer and social commentator and Tim Jackson, an ecological economist and writer and Professor of Sustainable Development at the University of Surrey.</p> <p>(Photo: Citizens demonstrate in Lima, Peru on the 21st of January 2023. Credit: PAOLO AGUILAR/EPA-EFE).</p> <p><b>SUN 08:30 BBC News Summary (w172ykrb9g9xd4t)</b> The latest two minute news summary from BBC World Service.</p> <p><b>SUN 08:32 The Food Chain (w3ct38p2)</b> The ghost writers</p> <p>Who wrote the cook books on your kitchen shelves? For many celebrity chefs, a cook book, or several, is an obvious way to extend their brand. But if they don't have the time or the skills to write one, they may hire a ghost writer or co-author to work with them.</p> <p>It's not just writing, the work can involve project management, recipe testing, meeting deadlines and handling some big egos. Sometimes writers are credited on the cover of the book, sometimes in the introduction, sometimes not at all.</p> <p>In this programme Ruth Alexander meets two people who have worked as ghost writers on cookbooks. JJ Goode lives in New York in the United States; he's credited on the cover of many celeb chef cookbooks, and recently won a prestigious James Beard award for the book he wrote with Gregory Gourdet, 'Everyone's Table: Global Recipes for Modern Health'. Signe Johansen is a Norwegian American trained chef and food writer living in London; she worked as a ghost writer on cookbooks early in her career before publishing her own, such as 'Solo: The Joy of Cooking for One'.</p> <p>Presented by Ruth Alexander.</p> <p>Produced by Beatrice Pickup.</p> <p>(Image: ghostly-looking open book. Credit: Getty Images/BBC)</p> <p><b>SUN 09:00 BBC News (w172ykqhvqq74mk)</b> The latest five minute news bulletin from BBC World Service.</p> <p><b>SUN 09:06 From Our Own Correspondent (w3ct32bk)</b> [Repeat of broadcast at 04:06 today]</p> <p><b>SUN 09:30 BBC News Summary (w172ykrb9g9xhwy)</b> The latest two minute news summary from BBC World Service.</p> <p><b>SUN 09:32 Outlook (w3ct41fp)</b> Trying to get my penpal out of prison</p> <p>When filmmaker Ray Klonksy was a teenager he received a letter from David McCallum, an inmate at a New York prison who was already more than 10 years into his sentence for a murder he said he did not commit. The pair became penpals and after a while, Ray and his father Ken started searching for evidence that could prove their new friend's innocence. In a remarkable story of chance encounters, a decade-long fight for justice began, with the help of the world-famous boxer Rubin 'Hurricane' Carter.</p>
Supported by <a href="https://bbc.co.uk/programmes/">bbc.co.uk/programmes/</a>		

Ray made a film about their story, it's called Fight for Justice: David and Me

Presented and produced by Saskia Edwards

This programme was first broadcast in May 2020.

You can find the award-winning BBC World Service podcast 'The Hurricane Tapes' that tells the story of Rubin 'Hurricane' Carter here: <https://www.bbc.co.uk/programmes/w13xtt6Can>

Get in touch: [outlook@bbc.com](mailto:outlook@bbc.com)

Picture: David McCallum and Ray Klonksy at the beach  
Credit: Ray Klonksy

(Photo: Ray Klonksy and David McCallum. Credit: Ray Klonksy)

**SUN 10:00 BBC News (w172ykqhvq78cp)**  
The latest five minute news bulletin from BBC World Service.

**SUN 10:06 People Fixing The World (w3ct3j3l)**  
Plants fighting pollution

Clearing up pollution can be a messy and expensive task, but around the world people are harnessing the power of plants to do the job for them.

We hear how water hyacinths are going from hated weed to providing communities with a greener water filtration solution; how plants in the Niger Delta are helping rejuvenate land drenched in oil and devastated by fire and ask whether plants could be the future to more environmentally friendly mining.

Presenter: Myra Anubi  
Reporter: Georgina Rannard  
Reporter/producer: Lizzy McNeill  
Producer: Zoe Gelber  
Series producer: Tom Colls  
Sound mix: Hal Haines  
Editor: Penny Murphy

Email: [peoplefixingtheworld@bbc.co.uk](mailto:peoplefixingtheworld@bbc.co.uk)

Image: A water hyacinth (Getty Images)

**SUN 10:30 BBC News Summary (w172ykrb9g9xmn2)**  
The latest two minute news summary from BBC World Service.

**SUN 10:32 Heart and Soul (w3ct424h)**  
The Viking priest

The Ásatrú faith is Iceland's fastest growing religion. Drawing on Norse mythology, it is a pagan faith open to all. But in recent years it has been hijacked by white supremacists in other countries. We follow High Priest, Hilmar Hilmarsson, as he attempts to tackle this critical challenge and protect his faith's true origins.

When white supremacists marched through Charlottesville in 2017, Hilmar looked on from Reykjavik. It was not just their racist message that worried him. It was the fact their banners bore the symbols of his faith such as Thor's hammer. Ásatrú, according to Hilmar, emphasises respect and tolerance, reviving polytheistic traditions and the worship of gods and goddesses from Iceland's pre-Christian past.

Thanks to his position and the fact he has become so well respected both inside and beyond Iceland, Hilmar has an authority recognised by the Icelandic state to conduct weddings and funerals and lead the rituals or "blots" that the group practise to mark the passing year - a 21st Century reimagining of how pre-Christian Norse people celebrated their seasons. We join him as the community gather around him and prepare for the welcoming of the winter blot.

But Hilmar has also received disturbing messages and even death threats from far- right pagans in the US, Germany and Canada who do not agree with his inclusive belief system and his support for gay marriage and LGBTQ rights. We follow him as he looks forward to the opening of the group's first temple while under pressure to distance the religion from white supremacy.

Producer: Sarah Cuddon  
A Falling Tree production for BBC World Service

(Photo: High Priest Hilmar Hilmarsson. Credit: Gavin Haines)

**SUN 11:00 BBC News (w172ykqhvq743t)**  
The latest five minute news bulletin from BBC World Service.

**SUN 11:06 The Newsroom (w172y1848426qr6)**  
The world's Newsroom brings you global events as they happen

**SUN 11:30 BBC News Summary (w172ykrb9g9xrd6)**  
The latest two minute news summary from BBC World Service.

**SUN 11:32 The Compass (w3ct3030)**  
Why We Play

Childhood: Exploring the world through play

In the earliest years of our lives, play is crucial to building our understanding of our surroundings, culture and even ourselves. The UN considers play to be a fundamental right for every child, and a growing body of interdisciplinary research is leading to greater implementation across the globe. But how do we begin to define something that is so intrinsic to our human nature?

We look into the very beginnings of play and how our first interactions with adults have a lasting impact on the way we deal with later life. In Bangladesh, we drop in on Play Labs run by international development organisation BRAC which works to empower preschool children in deprived and fragile communities.

We learn about a Boston elementary school which uses guided recess – not only to keep kids physically and mentally well, but to teach them skills such as conflict resolution and leadership. How does play in those first few years of life affect the way we communicate, engage with, and understand the world? What's at stake if we lose out?

Presenter: Steffan Powell  
Producer: Amelia Parker

**SUN 12:00 BBC News (w172ykqhvq7hvy)**  
The latest five minute news bulletin from BBC World Service.

**SUN 12:06 The Documentary (w3ct4ndc)**  
[Repeat of broadcast at 19:06 on Saturday]

**SUN 13:00 BBC News (w172ykqhvq7mm2)**  
The latest five minute news bulletin from BBC World Service.

**SUN 13:06 Newshour (w172yfcydxhb5kc)**  
Suspect at large after shooting near LA kills 10

Police in the United States say a gunman is on the run after a mass shooting near Los Angeles. At least ten people were killed at a dance club in Monterey Park. Ten others were wounded - some critically.

Also in the programme: Chinese officials say there were another 13,000 Covid- related hospital deaths last week; and a study suggests that milk drinking caused a European growth spurt thousands of years ago.

(Photo: 10 killed in shooting near LA after Lunar New Year event. Picture: Getty)

**SUN 14:00 BBC News (w172ykqhvq7rc6)**  
The latest five minute news bulletin from BBC World Service.

**SUN 14:06 The Forum (w3ct38tl)**  
The writer Rachel Carson who fought insecticide wars

Rachel Carson's 1962 book Silent Spring has probably done more than any other to raise concerns about the damage that uncontrolled use of chemicals can cause to the natural world. Carson imagined a 'silent spring' in a world where birds no longer sang, killed off by indiscriminate spraying of pesticides. Her plea for caution when using insecticides led to major changes in government regulation of agrochemicals both in the United States and elsewhere.

So who was Rachel Carson? How did this scientist with a passionate interest in marine biology turn first into a best-selling author and then into an environmental campaigner? And - six decades on - have the warnings of Silent Spring been heeded?

Bridget Kendall is joined by Dr. Sabine Clarke, Senior Lecturer in Modern History at University of York with a particular interest in the history of synthetic insecticides; Michelle Ferrari, an award-winning film maker who directed a documentary about Rachel Carson's life for the American public broadcaster PBS; and Professor David Kinkela, an environmental historian and chair of the Department of History at Fredonia, State University of New York whose books include 'DDT and the American Century'. The reader is Ina Marie Smith.

(Photo: Airplane dusting a field with DDT. Credit: Bettmann/Getty Images)

**SUN 14:50 Over to You (w3ct35tf)**  
[Repeat of broadcast at 09:50 on Saturday]

**SUN 15:00 BBC News (w172ykqhvq7w3b)**  
The latest five minute news bulletin from BBC World Service.

**SUN 15:06 Sportsworld (w172ykg52fx8k43)**  
Live Sporting Action

Sportsworld Sunday will have commentary of Premier League leaders Arsenal hosting Manchester United at the Emirates. Joining Delyth Lloyd will be former Arsenal defender Johan Djourou to preview and review the match. We'll also have the latest on Manchester City v Wolves and Leeds United v Brentford, plus the WSL and European Football.

As the Australian Open enters its second week we'll speak to the team in Melbourne and we'll have updates from the Men's Hockey World Cup and the NFL playoffs.

Photo: Martin Odegaard of Arsenal during the Premier League match between Tottenham Hotspur and Arsenal FC at Tottenham Hotspur Stadium on January 15, 2023 in London, United Kingdom. (Photo by Charlotte Wilson/Offside/Offside via Getty Images)

**SUN 19:00 BBC News (w172ykqhvq8c2v)**  
The latest five minute news bulletin from BBC World Service.

**SUN 19:06 The Newsroom (w172y1848427pq7)**  
The world's Newsroom brings you global events as they happen

**SUN 19:30 BBC News Summary (w172ykrb9g9yqc7)**  
The latest two minute news summary from BBC World Service.

**SUN 19:32 Global Questions (w3ct4215)**  
[Repeat of broadcast at 11:32 on Saturday]

**SUN 20:00 BBC News (w172ykqhvq8gtz)**  
The latest five minute news bulletin from BBC World Service.

**SUN 20:06 The History Hour (w3ct39mf)**  
Horsemeat scandal and the Miracle on the Hudson

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

These include memories of the horsemeat scandal of 2013 from the man who uncovered what was happening. We'll hear analysis of other historical food scandals from expert Professor Saskia van Ruth.

Plus the last passenger off the plane, which landed on the Hudson river in 2009, shares his story.

Also on the programme: secret schools for Kosovar Albanians, nuclear testing in Algeria and teenagers with narcolepsy in Sweden.

Contributors:  
Professor Alan Reilly - former Chief Executive of the Irish Food Safety Authority  
Professor Saskia van Ruth - expert on food authenticity and integrity of supply networks, based at Wageningen University in the Netherlands and Queen's University in Belfast, Northern Ireland  
Christopher Tyvi - lives with narcolepsy  
Abdelkrim Touhami - lives near former nuclear testing site in Algeria  
Linda Gusia - former student of Kosovo house schools  
Professor Drita Halimi - former Kosovo house school teacher  
Dave Sanderson - last passenger off US Airways flight 1549

(Photo: Raw burgers. Credit: Getty Images)

**SUN 21:00 BBC News (w172ykqhvq8ll3)**  
The latest five minute news bulletin from BBC World Service.

**SUN 21:06 Newshour (w172yfcydxhc4jd)**  
Interviews, news and analysis of the day's global events.

**SUN 22:00 BBC News (w172ykqhvq8qb7)**  
The latest five minute news bulletin from BBC World Service.

**SUN 22:06 The Newsroom (w172yrx8dndzqct)**

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

**SUN 22:20 Sports News (w172yghj5zpxtcj)**

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

**SUN 22:30 BBC News Summary (w172ykrb9g9z2lm)**

The latest two minute news summary from BBC World Service.

**SUN 22:32 Outlook (w3ct41fp)**

[Repeat of broadcast at 09:32 today]

**SUN 23:00 BBC News (w172ykhvqq8v2c)**

The latest five minute news bulletin from BBC World Service.

**SUN 23:06 Tech Tent (w3ct4k1l)**

Stadia: Goodbye to the cloud-based gaming platform

Tech Tent puts a microscope on the gaming industry as Google closes its cloud based platform Stadia and we explain the latest with Activision Blizzard games in China. We also take a trip on Elon Musk's Boring Company's Loop under Las Vegas and hear about the digital advertising campaign trying to share independent news about the war in Ukraine with Russians.

(Photo: A teenage girl holds a game controller while playing.  
Credit: Ina Fassbender/Getty Images)

**SUN 23:30 BBC News Summary (w172ykrb9g9z6br)**

The latest two minute news summary from BBC World Service.

**SUN 23:32 Pick of the World (w3ct41xz)**

[Repeat of broadcast at 09:32 on Saturday]

**SUN 23:50 Over to You (w3ct35tf)**

[Repeat of broadcast at 09:50 on Saturday]

**MONDAY 23 JANUARY 2023****MON 00:00 BBC News (w172ykqj700dt2n)**

The latest five minute news bulletin from BBC World Service.

**MON 00:06 From Our Own Correspondent (w3ct32bk)**

[Repeat of broadcast at 04:06 on Sunday]

**MON 00:30 BBC News Summary (w172ykrbnqm35c1)**

The latest two minute news summary from BBC World Service.

**MON 00:32 Heart and Soul (w3ct424h)**

[Repeat of broadcast at 10:32 on Sunday]

**MON 01:00 BBC News (w172ykqj700dxts)**

The latest five minute news bulletin from BBC World Service.

**MON 01:06 The Newsroom (w172yl84mdcd8g5)**

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

**MON 01:30 BBC News Summary (w172ykrbnqm3935)**

The latest two minute news summary from BBC World Service.

**MON 01:32 Discovery (w3ct30cl)**

Bad Blood: You've got good genes

We follow the story of eugenics from its origins in the middle-class salons of Victorian Britain, through the Fitter Family competitions and sterilisation laws of Gilded Age USA, to the full genocidal horrors of Nazi Germany.

Eugenics is born in Victorian Britain, christened by the eccentric gentleman-scientist Sir Francis Galton. It's a movement to breed better humans, fusing new biological ideas with the politics of empire, and the inflexible snobbery of the middle-classes.

The movement swiftly gains momentum - taken up by scientists, social reformers, and even novelists as a moral and political quest to address urgent social problems. By encouraging the right people to have babies, eugenicists believed we could breed ourselves to a brighter future; a future free from disease, disability, crime, even poverty. What, its proponents wondered, could be more noble?

The story culminates in the First International Eugenics Congress of 1912, where a delegation of eminent public figures from around the world gather in South Kensington to advocate and develop the science – and ideology – of better breeding. Among them Winston Churchill, Arthur Balfour, the Dean of St Pauls, Charles Darwin's son, American professors and the ambassadors from Norway, Greece, and France.

But amidst the sweeping utopian rhetoric, the darker implications of eugenic ideas emerge: what of those deemed 'unfit'? What should happen to them?

Contributors: Professor Joe Cain, Daniel Maier, Professor Philippa Levine, Professor Angelique Richardson

Featuring the voices of David Hounslow, Joanna Monro and Hughie O'Donnell

(Photo: Francis Galton (1822-1911), British man of science born in Sparkbrook (England). Ca. 1890. Credit: adoc-photos/Corbis/Getty Images)

**MON 02:00 BBC News (w172ykqj700f1kx)**

The latest five minute news bulletin from BBC World Service.

**MON 02:06 The Newsroom (w172yl84mdcdd69)**

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

**MON 02:30 BBC News Summary (w172ykrbnqm3dv9)**

The latest two minute news summary from BBC World Service.

**MON 02:32 The Climate Question (w3ct3kk5)**

Why isn't the world heating equally?

The Arctic is warming four times faster than the global average temperature. Ice caps are melting which are forcing the indigenous Inuit community living around the Northwest passage to change their way of life. Polar bears and wildlife are losing their habitats and the ability to hunt.

Further south, Middle Eastern countries are facing temperatures above 50 Celsius more regularly. We speak to people living in these rapidly warming parts of the world and find out why their countries are warming faster than others.

We also find out why the change to an El Niño weather pattern later this year might make things even hotter in some parts of the world.

Presenters Sophie Eastaugh and Luke Jones are joined by: Carlo Buontempo, from Copernicus, the European Union's Earth Observation Programme  
Kenzie Azmi, Greenpeace Middle East Campaigner  
Essa Ramadan, Meteorologist and Weatherman in Kuwait  
Reporter: Mark Stratton in the Arctic  
Plus an interview with Dr Wenju Cai from Southern Hemisphere Oceans Research and Ben Rich from the BBC Weather Centre

Email us: theclimatequestion@bbc.com

Production Team:

Producer: Natasha Fernandes

Production coordinators: Helena Warwick-Cross and Siobhan Reed

Series Producer: Alex Lewis

Editor: Emma Rippon

Sound Engineer: Neil Churchill

**MON 03:00 BBC News (w172ykqj700f5b1)**

The latest five minute news bulletin from BBC World Service.

**MON 03:06 Tech Tent (w3ct4k1l)**

[Repeat of broadcast at 23:06 on Sunday]

**MON 03:30 BBC News Summary (w172ykrbnqm3jlf)**

The latest two minute news summary from BBC World Service.

**MON 03:32 Pick of the World (w3ct41xz)**

[Repeat of broadcast at 09:32 on Saturday]

**MON 03:50 Over to You (w3ct35tf)**

[Repeat of broadcast at 09:50 on Saturday]

**MON 04:00 BBC News (w172ykqj700f925)**

The latest five minute news bulletin from BBC World Service.

**MON 04:06 The Newsroom (w172yl84mdcdmpk)**

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

**MON 04:30 BBC News Summary (w172ykrbnqm3nbk)**

The latest two minute news summary from BBC World Service.

**MON 04:32 The Conversation (w3ct37n3)**

Coping with the death of a sibling

The loss of a sibling can be devastating. It means the severing of a shared history and common memories. But the grief can be overshadowed by that of children, parents and partners. Kim Chakanetsa talks to an Irish writer and an academic from Botswana about how the death of a brother and a sister changed their lives.

Dr Senzokuhle Doreen Setume is a professor at the University of Botswana. She researches the impact of ignoring traditional rites in grief counselling. Her twin sister died when they were 37. As well as losing the person she'd shared her whole life with Senzokuhle lost her identity as a twin. She says the cultural pressure to not show grief affected her deeply.

Carmel McMahon was living in New York when her 20 year old brother died in a car crash. Her grief triggered a long period of alcoholism and she turned to writing to help her recovery. Her book, In Ordinary Time, mines the ways trauma reverberates through time and through individual lives. She draws connections from tragically lost siblings to the broader social scars of Ireland's long history.

Produced by Jane Thurlow

(Image: (L) Carmel McMahon, credit Lauren Carroll. (R) Senzokuhle Setume, courtesy Senzokuhle Setume.)

**MON 05:00 BBC News (w172ykqj700fdt9)**

The latest five minute news bulletin from BBC World Service.

**MON 05:06 Newsday (w172yf8yzzzg1gq)**

Police in US search for motive of Monterey Park dance studio gunman

Police in California say the main suspect in Saturday's mass shooting has shot himself dead after being tracked down to a van he was travelling in.

We bring special coverage today on Afghanistan as we investigate why Afghan refugees are being deported from neighbouring Pakistan.

The Russian Foreign Minister, Sergei Lavrov, arrives in South Africa today with the aim of fostering closer relations, but not everyone is happy.

**MON 06:00 BBC News (w172ykqj700fjktf)**

The latest five minute news bulletin from BBC World Service.

**MON 06:06 Newsday (w172yf8yzzzg56v)**

Mass shooting in Monterey Park suspect kills himself, say police

Police in California say the main suspect in Saturday's mass shooting has shot himself dead after being tracked down to a van he was travelling in.

Pressure is growing on the German Chancellor, Olaf Scholz to send Leopard-two tanks to Ukraine - we hear from Estonia's Foreign Minister.

As part of our special coverage of life under the Taliban in Afghanistan – we're looking at the plight of Afghan refugees in Pakistan – who say they're being sent back by force.

**MON 07:00 BBC News (w172ykqj700fn9k)**

The latest five minute news bulletin from BBC World Service.

**MON 07:06 Newsday (w172yf8yzzzg8yz)**

Elderly California gunman found dead after killing 10

Pressure is growing on the German Chancellor, Olaf Scholz to send Leopard-2 tanks to Ukraine to help the country fight Russian invaders.

As part of our on-going special coverage on Afghanistan, we investigate why Afghan refugees are being deported from neighbouring Pakistan.

And our business team has been researching a key cost of living issue - the price paid for public transport around the world.

**MON 08:00 BBC News (w172ykqj700fs1p)**

The latest five minute news bulletin from BBC World Service.

**MON 08:06 HARDtalk (w3ct32mm)**

Ruben Vardanyan: Nagorno-Karabakh and Putin

Stephen Sackur speaks to Ruben Vardanyan, state minister of the disputed enclave of Nagorno-Karabakh, run by ethnic Armenians but surrounded by Azerbaijan and the subject of years of conflict. The Armenians have traditionally been backed by Russia, but is Putin a reliable ally?

**MON 08:30 BBC News Summary (w172ykrbnqm44b2)**

The latest two minute news summary from BBC World Service.

**MON 08:32 Business Daily (w3ct30yf)**

Cost of living: Transport

In this first episode of our second series on the cost of living, Business Daily's Leanna Byrne looks into the areas of our lives that are costing us the most.

Today we focus on our public transport systems. Figures from Statista, a market and consumer data platform, puts Auckland, New Zealand as the third most expensive city for public transport, we hear from Jon Reeves who is National Co-Ordinator and Co-Founder of the Public Transport Users Association there.

When the cost of living rises, it rises for everyone. So those working in the transport sector want pay rises to reflect that. Anna Jane Hunter, partner at Winder Phillips Associates, tells Business Daily that there's a lot of systemic issues in the UK's transport sector that have only just bubbled to the surface again after two years of us staying at home and not using public transport.

We speak to Gregor Kolbe, who works on transport and consumer politics for the Federation of German Consumer Organisations. Over the summer, Germany encouraged people to use public transport by actually reducing the cost of transport. But prices are back to normal levels now.

Presenter/producer: Leanna Byrne

Image: Passengers at Kings Cross Station in London/ Credit: EPA

**MON 08:50 Witness History (w3ct3bzz)**

When Britain tried to censor the Troubles in Northern Ireland

Frontman of punk-rock band The Undertones, Paul McLoone, recalls the "weird, slightly funny, slightly sad, slightly surreal" time he was the voice of IRA commander-turned-politician, Martin McGuinness.

It was during the so called 'broadcasting ban' in the UK which came into force in 1988.

It saw organisations believed to support terrorism forbidden from directly broadcasting on radio or television.

Paul tells Alys Harte how the legislation led to extra work for him.

(Photo: Paul McLoone during a performance. Credit: Getty Images)

**MON 09:00 BBC News (w172ykqj700fst)**

The latest five minute news bulletin from BBC World Service.

**MON 09:06 The Newsroom (w172y184mdcf7f6)**

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

**MON 09:30 BBC News Summary (w172ykrbnqm4826)**

The latest two minute news summary from BBC World Service.

**MON 09:32 The Climate Question (w3ct3kk5)**

[Repeat of broadcast at 02:32 today]

**MON 10:00 BBC News (w172ykqj700g0jy)**

The latest five minute news bulletin from BBC World Service.

**MON 10:06 The Cultural Frontline (w3ct37sn)**

[Repeat of broadcast at 22:32 on Saturday]

**MON 10:30 BBC News Summary (w172ykrbnqm4ctb)**

The latest two minute news summary from BBC World Service.

**MON 10:32 The Explanation (w3ct4m28)**

[Repeat of broadcast at 05:32 on Saturday]

**MON 10:50 More or Less (w3ct3k5w)**

[Repeat of broadcast at 05:50 on Saturday]

**MON 11:00 BBC News (w172ykqj700g492)**

The latest five minute news bulletin from BBC World Service.

**MON 11:06 The Newsroom (w172y184mdcfgxg)**

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

**MON 11:30 BBC News Summary (w172ykrbnqm4hkg)**

The latest two minute news summary from BBC World Service.

**MON 11:32 The Conversation (w3ct37n3)**

[Repeat of broadcast at 04:32 today]

**MON 12:00 BBC News (w172ykqj700g816)**

The latest five minute news bulletin from BBC World Service.

**MON 12:06 Outlook (w3ct34ph)**

Learning to live with the voices in my head

Debra Lampshire started hearing voices aged five. Comforting at first, they soon took control. The voices became so visceral and intense that Debra had to spend 18 years in a psychiatric hospital. Then, a chance friendship with a car mechanic gave her the tools to restore her life, but she'd have to learn to coexist with the voices that once tormented her.

Get in touch: outlook@bbc.com

Presenter: Mobeen Azhar

Producer: Louise Morris

(Photo: Debra Lampshire. Credit: Courtesy of Debra Lampshire)

**MON 12:50 Witness History (w3ct3bzz)**

[Repeat of broadcast at 08:50 today]

**MON 13:00 BBC News (w172ykqj700gcsb)**

The latest five minute news bulletin from BBC World Service.

**MON 13:06 The Newsroom (w172y184mdcfqdq)**

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

**MON 13:30 BBC News Summary (w172ykrbnqm4r1q)**

The latest two minute news summary from BBC World Service.

**MON 13:32 CrowdScience (w3ct3j83)**

Why do we get jealous?

When falling in love or fancying someone, one emotion can dominate over the rest: jealousy. Some may try to play it cool and act aloof, but seeing - or even thinking - of a romantic partner engaging with others can lead people to act completely out of character. The green-eyed monster can hijack thoughts for days to weeks on end, spending precious energy ruminating on situations that may never arise. So why is it that humans feel jealousy? Do people experience this emotion differently? And are there ways to stop it?

CrowdScience presenter Caroline Steel sets about answering these questions from listener Odile in France, who has struggled with all-consuming jealousy in some romantic relationships. She hears about a kind of monkey who get jealous of their own reflection from Professor Karen Bales at University California Davis. A trip to ZSL London Zoo sees more monkeys, but these are more bothered about protecting the vital friendships which aid their survival. Dr Alex Mielke from the University of St Andrews explains how these interactions can give us an insight into why jealousy exists.

Some of us get more jealous than others and are more likely to act out of character when the green-eyed monster takes hold. Caroline completes a detailed questionnaire to see how jealous she really is, and gets advice from Julia in South Africa, who is in a polygamous marriage and has had to handle romantic jealousy. The nature-nurture balance of jealousy is untangled by geneticist Dr Laura Wesseldijk from Amsterdam UMC (who reveals some surprising information about the first author on her research paper...) and psychologist Dr Johan Ahlen from the Karolinska Institute rounds off the programme discussing how the future of jealousy management could look like for those who struggle.

Presenter: Caroline Steel

Producer: Julia Ravey

**MON 14:00 BBC News (w172ykqj700ghjg)**

The latest five minute news bulletin from BBC World Service.

**MON 14:06 Newshour (w172yfcfb5sk1gr)**

Russia's Lavrov in South Africa for talks with his counterpart

Russia's Lavrov in South Africa for talks with his counterpart. Also in the programme, a tale of two chairmen in trouble in the UK, and a woman surfer on competing in the Eddie, the prestigious Hawaiian big wave surfing contest.

(Photo: Russian and South African foreign ministers held bilateral talks in Pretoria today. Credit: Reuters)

**MON 15:00 BBC News (w172ykqj700gm8l)**

The latest five minute news bulletin from BBC World Service.

**MON 15:06 HARDtalk (w3ct32mm)**

[Repeat of broadcast at 08:06 today]

**MON 15:30 BBC News Summary (w172ykrbnqm4zjz)**

The latest two minute news summary from BBC World Service.

**MON 15:32 World Business Report (w3ct3g0k)**

Japan warns of severe finances

The finance minister of Japan, Shunichi Suzuki, warns that the country faces dire finances as debt and inflation continue to rise while the population keeps declining. The government can still borrow cheaply as the central bank keeps interest rates at ultra-low levels. But what do the financial markets and global investors make of Japan's current economic state?

The US hedge fund Citadel made \$16bn in profits last year, the largest annual profit by a hedge fund in history. We find out how they did it.

And the presidents of Brazil and Argentina have announced that they want to work towards the creation of a South American single currency. We explore how likely this is to happen.

(Picture: Illustration of Japan's flag. Picture credit: Getty)

**MON 16:00 BBC News (w172ykqj700gr0q)**

The latest five minute news bulletin from BBC World Service.

**MON 16:06 BBC OS (w172yg203hbx4cs)**

Japan's falling birth rate

Japan's prime minister says his country is on the brink of not being able to function as a society because of its falling birth rate. Our correspondent Rupert Wingfield-Hayes - who has just ended his deployment in Tokyo - explains what's behind Japan's falling birth rate and shrinking economy. We also hear from two Japanese women about the many pressures faced by women in Japan.

Russia's foreign minister Sergei Lavrov is visiting South Africa today. We explain South Africa's stance on the war in Ukraine and hear thoughts by some South Africans.

Beyoncé has divided fans with her live show in Dubai because the city has strict laws against same-sex relationships. We hear from our reporter and from her fans.

A BBC investigation into extreme dog breeding - where dogs are bred to have unique and exaggerated features - has revealed links to organised crime. Our reporter explains.

(Photo: Newborn baby sleeping on a white rug. Credit: Getty Creative Stock)

**MON 17:00 BBC News (w172ykqj700gyrv)**

The latest five minute news bulletin from BBC World Service.

**MON 17:06 BBC OS (w172yg203hbx83x)**

Monterey Park shooting: Suspect's motive still unknown

California police have identified the gunman suspected of killing 10 people in a ballroom dance studio near Los Angeles as Huu Can Tran, who was later found dead in a white van. He had a self-inflicted gunshot wound and was declared dead at the scene. Our correspondent gives us the latest updates on the

story.

Ukraine has asked for German-made tanks which they say will help them defeat Russia. We hear the latest from BBC's weapons analyst Chris Partridge.

We'll get updates from our UK Political Correspondent Rob Watson as the UK politician Nadhim Zahawi - chairman of the ruling conservative party, and former chancellor of the exchequer is facing calls to resign following a row over his tax affairs.

Russia's foreign minister Sergei Lavrov is visiting South Africa today. We explain South Africa's stance on the war in Ukraine and hear thoughts by some South Africans.

Japan's prime minister says his country is on the brink of not being able to function as a society because of its falling birth rate. Our correspondent Rupert Wingfield-Hayes - who has just ended his deployment in Tokyo - explains what's behind Japan's falling birth rate and shrinking economy. We also hear from two Japanese women about the many pressures faced by women in Japan.

Beyoncé has divided fans with her live show in Dubai because the city has strict laws against same-sex relationships. We hear from our reporter and from her fans.

(Photo: Monterey Park in California. Credit: Reuters)

#### **MON 18:00 BBC News (w172ykqj700gzhz)**

The latest five minute news bulletin from BBC World Service.

#### **MON 18:06 Outlook (w3ct34ph)**

[Repeat of broadcast at 12:06 today]

#### **MON 18:50 Witness History (w3ct3bzz)**

[Repeat of broadcast at 08:50 today]

#### **MON 19:00 BBC News (w172ykqj700h383)**

The latest five minute news bulletin from BBC World Service.

#### **MON 19:06 The Newsroom (w172yl84mdcgfwh)**

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

#### **MON 19:30 BBC News Summary (w172ykrbnqm5gjh)**

The latest two minute news summary from BBC World Service.

#### **MON 19:32 Sport Today (w3ct4f7v)**

2023/01/23 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 (w172ykqj700h707)**

The latest five minute news bulletin from BBC World Service.

#### **MON 20:06 The Climate Question (w3ct3kk5)**

[Repeat of broadcast at 02:32 today]

#### **MON 20:30 BBC News Summary (w172ykrbnqm5l8m)**

The latest two minute news summary from BBC World Service.

#### **MON 20:32 Discovery (w3ct30cm)**

Bad Blood: You will not replace us

"You will not replace us" was the battle cry of white supremacists at a rally in Charlottesville in 2017. They were expressing an old fear - the idea that immigrants and people of colour will out-breed and replace the dominant white 'race'. Exactly the same idea suffused American culture in the first decades of the 1900s, as millions of immigrants arrived at Ellis island from southern and eastern Europe.

The 'old-stock' Americans - the white elite who ruled industry and government - latched on to replacement theory and the eugenic idea of 'race suicide'. It's all there in The Great Gatsby - F.Scott Fitzgerald's novel set in 1922 - which takes us into the world of the super-rich, their parties and their politics.

Amidst this febrile period of cultural and economic transformation, the Eugenics Record Office is established. Led by Charles Davenport and Harry Laughlin, it becomes a headquarters for the scientific and political advancement of eugenics.

By 1924, the eugenically informed anti-immigrant movement

has triumphed - America shut its doors with the Johnson-Reed Act, and the flow of immigrants is almost completely stopped.

Contributors: Dr Thomas Leonard, Professor Sarah Churchwell, Professor Joe Cain

Presenter: Adam Rutherford  
Producer: Ilan Goodman

(Photo: Immigrants arriving in Ellis Island, New York, 27 May 1920. Credit: Getty Images)

Clips: BBC News, coverage of Charlottesville protests, 2017 / CNN, coverage of buffalo shooter, 2022 / MSNBC, coverage of buffalo shooter, 2022 / Edison, Orange, N.J., 1916, Don't bite the hand that's feeding you, Jimmie Morgan, Walter Van Brunt, Thomas Hoier / BBC Radio 4 Great Gatsby: Author, F Scott Fitzgerald Director: Gaynor Macfarlane, Dramatised by Robert Forrest.

#### **MON 21:00 BBC News (w172ykqj700hbrc)**

The latest five minute news bulletin from BBC World Service.

#### **MON 21:06 Newshour (w172yfcfb5skwpn)**

Mexico's former security minister goes on trial in US

A former minister in Mexico's government has gone on trial in the United States. Genaro Garcia Luna is accused of accepting huge bribes from a drug cartel. He has pleaded not guilty. We hear from the former head of Mexico's intelligence services Gustavo Mohar.

Also in the programme: opposition South African MP on the Ukraine war; and cleaning up 'mermaid's tears'.

(Picture: Mexico's former Public Security Minister Genaro Garcia Luna listens during opening arguments in his trial on charges that he accepted millions of dollars to protect the powerful Sinaloa Cartel. Credit: REUTERS/Jane Rosenberg)

#### **MON 22:00 BBC News (w172ykqj700hghh)**

The latest five minute news bulletin from BBC World Service.

#### **MON 22:06 The Newsroom (w172yrx8rxq6gk2)**

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

#### **MON 22:20 Sports News (w172yghjk804kjs)**

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

#### **MON 22:30 BBC News Summary (w172ykrbnqm5trw)**

The latest two minute news summary from BBC World Service.

#### **MON 22:32 World Business Report (w3ct3g2t)**

What is ChatGPT and why is Microsoft buying into it?

Microsoft has announced a multi-year, multibillion dollar investment in artificial intelligence (AI) as it extends its partnership with OpenAI.

OpenAI is the creator of popular image generation tool Dall-E and the chatbot ChatGPT.

In 2019 Microsoft invested one billion dollars in the company, founded by Elon Musk and tech investor Sam Altman.

The Windows and Xbox maker plans up to 10,000 redundancies, but said it would still hire in key strategic areas.

(Picture: ChatGPT website displayed on a phone screen and Microsoft logo displayed on a screen in the background are seen in this illustration photo taken in Krakow, Poland on January 10, 2023. Picture Credit: Getty Images).

#### **MON 23:00 BBC News (w172ykqj700h7m)**

The latest five minute news bulletin from BBC World Service.

#### **MON 23:06 HARDtalk (w3ct32mm)**

[Repeat of broadcast at 08:06 today]

#### **MON 23:30 BBC News Summary (w172ykrbnqm5yj0)**

The latest two minute news summary from BBC World Service.

#### **MON 23:32 The Conversation (w3ct37n3)**

[Repeat of broadcast at 04:32 today]

### **TUESDAY 24 JANUARY 2023**

#### **TUE 00:00 BBC News (w172ykqj700hpzr)**

The latest five minute news bulletin from BBC World Service.

#### **TUE 00:06 The History Hour (w3ct39mf)**

[Repeat of broadcast at 20:06 on Sunday]

#### **TUE 01:00 BBC News (w172ykqj700htqw)**

The latest five minute news bulletin from BBC World Service.

#### **TUE 01:06 Business Matters (w172ydg97sfhqn7)**

Why is Microsoft putting billions of dollars into an Artificial Intelligence chatbot?

Microsoft has announced a multi-year, multibillion dollar investment in artificial intelligence (AI) as it extends its partnership with OpenAI.

OpenAI is the creator of popular image generation tool Dall-E and the chatbot ChatGPT.

The Windows and Xbox maker plans up to 10,000 redundancies, but said it would still hire in key strategic areas.

(Picture: OpenAI logo displayed on a laptop screen and Microsoft logo displayed on a phone screen are seen in this illustration photo taken in Krakow, Poland on January 23, 2023. Picture Credit: Getty Images).

#### **TUE 02:00 BBC News (w172ykqj700hyh0)**

The latest five minute news bulletin from BBC World Service.

#### **TUE 02:06 The Newsroom (w172yl84mdch93d)**

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

#### **TUE 02:30 BBC News Summary (w172ykrbnqm69rd)**

The latest two minute news summary from BBC World Service.

#### **TUE 02:32 The Documentary (w3ct4pnq)**

Sierra Leone's children of war

In 2002 photojournalist Caroline Irby and former BBC reporter Tom McKinley arrived in Sierra Leone to cover the fallout from the country's brutal conflict. They travelled with children caught up in the fighting, as they were reunited with their families. Now, just over two decades on, Caroline returns to West Africa to track them down.

Producer: Caitlin Smith

(Photo: A former combatant Moussou being reunited with her mother. Credit: Caroline Irby)

#### **TUE 03:00 BBC News (w172ykqj700j274)**

The latest five minute news bulletin from BBC World Service.

#### **TUE 03:06 Outlook (w3ct34ph)**

[Repeat of broadcast at 12:06 on Monday]

#### **TUE 03:50 Witness History (w3ct3bzz)**

[Repeat of broadcast at 08:50 on Monday]

#### **TUE 04:00 BBC News (w172ykqj700j5z8)**

The latest five minute news bulletin from BBC World Service.

#### **TUE 04:06 The Newsroom (w172yl84mdchjln)**

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

#### **TUE 04:30 BBC News Summary (w172ykrbnqm6k7n)**

The latest two minute news summary from BBC World Service.

#### **TUE 04:32 In the Studio (w3ct3jk5)**

Sydney's New Year fireworks

Australia is one of the first countries to see in the new year, and with the Harbour as the backdrop, Sydney shines bright with optimism and hope after some very heavy years.

New Year's Eve in Sydney is more than the twelve o'clock show. It's an event that takes over an entire city. Fireworks are launched from the Sydney Harbour Bridge now 90 years old and the Sydney Opera House, there are barges positioned across the Harbour, there are rooftops around the city with pyrotechnics, as well as lighting projections on the boats on the



harbour, Luna Park and the bridge pylons.

It's a year in the planning and one family has been designing the fireworks for this spectacular night for the last 25 years. Foti Fireworks is an award winning pyrotechnics family business originating in 1793 in Italy. They still have family members operating today, not only in Italy, but in Hong Kong and Sydney Australia bringing joy and hope to people all over the world.

Regina Botros spoke with them and other artists who together paint the canvas of the Sydney skyline for millions the world over.

Guests

Fortunato Foti

Carmen Glenn-Braun and Dennis Golding - Re-Right Collective  
Ziggy Zigler

Producer | Presenter : Regina Botros

Executive Producer : Stephen Hughes for BBC World Service

**TUE 05:00 BBC News (w172ykqj700j9qd)**

The latest five minute news bulletin from BBC World Service.

**TUE 05:06 Newsday (w172yf8yzzzjyct)**

Seven dead in second California shooting in days

Two days after eleven people were killed in California, there has been another mass shooting in the US state leaving at least seven Chinese-American workers dead at two farms south of San Francisco.

The head of the United Nations aid organisation has said Afghanistan's ban on women working for international organisations is seriously affecting the help it can offer in the country - we'll continue our special series hearing from women there telling us about their daily lives under Taliban rule.

The presidents of Brazil and Argentina say they hope to create a common currency for trade between the two countries.

**TUE 06:00 BBC News (w172ykqj700jfgj)**

The latest five minute news bulletin from BBC World Service.

**TUE 06:06 Newsday (w172yf8yzzzk23y)**

Another deadly gun attack in California - the second in as many days

Another deadly shooting in California with at least seven Chinese American farm workers reported to have been killed just two days after 11 others were shot dead in the south of the US state - we speak to a California state assembly member on what's going on there.

As a top United Nations official warns "humanitarian aid cannot be delivered without women" - we look at the situation in Afghanistan with our correspondent in Kabul.

And we report on the Mexican drug tsar facing trafficking charges in the United States who appears in court today.

**TUE 07:00 BBC News (w172ykqj700jk6n)**

The latest five minute news bulletin from BBC World Service.

**TUE 07:06 Newsday (w172yf8yzzzk5w2)**

Suspected gunman drives to police car park after California shooting

A gunman has killed seven people before being arrested in California, just two days after a shooting claimed eleven lives in the same state.

**TUE 08:00 BBC News (w172ykqj700jnys)**

The latest five minute news bulletin from BBC World Service.

**TUE 08:06 People Fixing The World (w3ct3j3m)**

The healing power of forests

In forest therapy, people are taken into the woods and taught to use what they see, hear and smell to calm their minds. This kind of therapy has its roots in the Japanese practice of shinrin-yoku or "forest bathing", which was developed in the 1980s.

Presenter Myra Anub is joined by Gary Evans, founder of the Forest Bathing Institute, to experience some of the relaxation techniques of forest bathing. We also hear how forests are helping people recover from depression and addiction in Hong Kong and Costa Rica, and look into the scientific evidence for its effectiveness.

Reporter: Carla Rosch

Producer: William Kremer

Email: peoplefixingtheworld@bbc.co.uk

Image: A woman in a forest (Getty Images)

**TUE 08:30 BBC News Summary (w172ykrbnqm7175)**

The latest two minute news summary from BBC World Service.

**TUE 08:32 Business Daily (w3ct317g)**

Cost of living: Childcare

Children aren't cheap. The cost of living crisis is pushing parents to the edge of their finances, worrying about paying for essentials like food, clothing and, for many, childcare.

We'll take a look at Chile, which according to data from the Organisation for Economic Co-operation and Development (OECD), is one of the lowest ranking when it comes to public spending on early childhood education.

Natalia Aránguiz lives in Chile and has two children- she speaks to Leanna Byrne about her rising costs.

Ann Hedgepeth, chief of policy and advocacy at non-profit organisation Child Care Aware of America, says the national average price of childcare was around \$10,600 per year. She says one of the main factors is getting the right staff.

Seven thousand miles away in Kampala in Uganda, one childcare business owner is facing the same issues. Manuela Mulondo is chief executive and founder of Cradle, a childcare, lactation and education centre. She says people never think about childcare companies when they are talking about price rises, but says it's very expensive to look after children.

Presenter/producer: Leanna Byrne

(Image: Child and parent. Credit: PA)

**TUE 08:50 Witness History (w3ct3c4h)**

Japanese death row guard

Yoshikuni Noguchi spent time as a guard in one of the prisons in Japan that would carry out the death penalty, and witnessed the hanging of a condemned prisoner in 1971, before going on to become a lawyer. He describes in detail what he saw.

Yoshikuni began speaking out to cast light on the reality of what death row inmates go through, as Japan continues to resist the calls to ban the practice, which is no longer in use in most countries. He tells his story to Dan Hardoon.

A Whistledown production for BBC World Service.

(Photo: Yoshikuni Noguchi. Credit: Alamy)

**TUE 09:00 BBC News (w172ykqj700j5px)**

The latest five minute news bulletin from BBC World Service.

**TUE 09:06 The Newsroom (w172y184mdcj4b9)**

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

**TUE 09:30 BBC News Summary (w172ykrbnqm74z9)**

The latest two minute news summary from BBC World Service.

**TUE 09:32 The Documentary (w3ct4pqq)**

[Repeat of broadcast at 02:32 today]

**TUE 10:00 BBC News (w172ykqj700jxgl)**

The latest five minute news bulletin from BBC World Service.

**TUE 10:06 The Arts Hour (w3ct391c)**

[Repeat of broadcast at 20:06 on Saturday]

**TUE 11:00 BBC News (w172ykqj700k165)**

The latest five minute news bulletin from BBC World Service.

**TUE 11:06 The Newsroom (w172y184mdcjctk)**

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

**TUE 11:30 BBC News Summary (w172ykrbnqm7d9k)**

The latest two minute news summary from BBC World Service.

**TUE 11:32 In the Studio (w3ct3jk5)**

[Repeat of broadcast at 04:32 today]

**TUE 12:00 BBC News (w172ykqj700k4y9)**

The latest five minute news bulletin from BBC World Service.

**TUE 12:06 Outlook (w3ct3541)**

The man who calls a river his 'family'

Brought up on the tales his father told him of Iraq's lost marshes, as a teenager Salman Khairalla lived through invasion, civil war and sectarian violence. Forced to leave school, he found work with an uncle, analysing water samples. This work inspired him to become an environmentalist, campaigning for the restoration and protection of Iraq's wetlands. The movement Salman founded earned him the nickname "the father of the Tigris river" and changed Iraqi attitudes to the environment — but it also put Salman onto a collision course with the government.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgeon

Producer: Laura Thomas

(Photo: Southern wetlands of Iraq. Credit: John Wreford/SOPA Images/LightRocket via Getty Image)

**TUE 12:50 Witness History (w3ct3c4h)**

[Repeat of broadcast at 08:50 today]

**TUE 13:00 BBC News (w172ykqj700k8pf)**

The latest five minute news bulletin from BBC World Service.

**TUE 13:06 The Newsroom (w172y184mdcj9t)**

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

**TUE 13:30 BBC News Summary (w172ykrbnqm7myt)**

The latest two minute news summary from BBC World Service.

**TUE 13:32 Discovery (w3ct30cm)**

[Repeat of broadcast at 20:32 on Monday]

**TUE 14:00 BBC News (w172ykqj700kdfk)**

The latest five minute news bulletin from BBC World Service.

**TUE 14:06 Newshour (w172yfcfb5mycvc)**

More than 120 die in freezing Afghanistan

The Afghan authorities say more than a-hundred-and-twenty people have died because of freezing temperatures during the coldest winter in a decade. Also on the programme, several Ukrainian officials have been removed as President Zelensky carries out a government reshuffle linked to an anti- corruption campaign. And, the nominations for the Academy Awards or Oscars have been announced in Hollywood.

(Photo: 23/01/2023 European Pressphoto Agency.)

**TUE 15:00 BBC News (w172ykqj700kj5p)**

The latest five minute news bulletin from BBC World Service.

**TUE 15:06 People Fixing The World (w3ct3j3m)**

[Repeat of broadcast at 08:06 today]

**TUE 15:30 BBC News Summary (w172ykrbnqm7wg2)**

The latest two minute news summary from BBC World Service.

**TUE 15:32 World Business Report (w3ct3g9l)**

Will there be a South American currency union?

The 'sur' or 'South' proposed by Brazil and Argentina wouldn't replace local currencies, but instead would run in parallel with them in its early stages. We find out what economists think about the project.

Ford plans to cut 3,200 jobs across Europe, according to Germany's largest union, IG Metall. As carmakers shift their focus towards electric vehicles, we ask why this transformation might translate into job losses.

The US Treasury Secretary Janet Yellen has called on China to agree to a rapid restructuring of loans to Zambia, calling Beijing a barrier to ending the debt crisis in the country. We get the latest from Lusaka.

(Picture: Argentina's president Alberto Fernandez and Brazil's president Luiz Inacio Lula da Silva meet at the Casa Rosada. Picture credit: EPA)

**TUE 16:00 BBC News (w172ykqj700kmtx)**

The latest five minute news bulletin from BBC World Service.

**TUE 16:06 BBC OS (w172yg203hc018w)**

Oscar nominations 2023

"Everything Everywhere All At Once", an indie sci-fi comedy drama starring Michelle Yeoh and Jamie Lee Curtis, leads with 11 nominations. Among those up for Best Actor and Actress are Austin Butler, who plays the title role in "Elvis", and Cate Blanchett, for her lead part in "Tar". The song Naatu Naatu from the hit Telugu-language film "RRR" has been nominated for an Oscar for Best Original Song. We bring together movie enthusiasts to discuss the nominations.

President Biden has urged the US Congress to act quickly to ban assault weapons after two mass shootings in the state of California within 48 hours. In the latest shooting, seven Asian American farm workers were killed. We hear to a ocal radio show host.

The UK government has rejected a proposal to trial menopause leave in England for women who are having a difficult time with their symptoms. We hear from two women who were forced to leave their jobs because they had not support from their employers.

We speak to a Covid expert about a study suggesting that Covid re-infections could pose additional risks to people's long-term health.

Germany says it will look with due urgency at a request by Poland to send German-made battle tanks to Ukraine. Our online reporter explains.

(Photo: Actors Riz Ahmed and Allison Williams host the announcement of the 95th Oscars Nominations in Beverly Hills, California, U.S., January 24, 2023. Credit: Mario Anzuoni/Reuters)

**TUE 17:00 BBC News (w172ykqj700krny)**

The latest five minute news bulletin from BBC World Service.

**TUE 17:06 BBC OS (w172yg203hc0510)**

Women in Afghanistan

Women from across Afghanistan have been telling us about their daily lives under the Taliban rule. The BBC's Yalda Hakim has been spending time with them.

The UK government has rejected a proposal to trial menopause leave in England for women who are having a difficult time with their symptoms. We hear from two women who were forced to leave their jobs because they had not support from their employers.

Germany says it will look with due urgency at a request by Poland to send German-made battle tanks to Ukraine. Our online reporter explains.

A BBC investigation into abuse and neglect at children's homes in the north of England has found that more than a hundred reports of concern were made before their closure. We get details from our investigative reporter. WARNING: the story contains some details that listeners might find distressing.

(Photo: Taliban stand guard outside Kabul University in Kabul, Afghanistan - 21 Dec 2022. Credit: by STRINGER/EPA-EFE/REX/Shutterstock)

**TUE 18:00 BBC News (w172ykqj700kwf2)**

The latest five minute news bulletin from BBC World Service.

**TUE 18:06 Outlook (w3ct3541)**

[Repeat of broadcast at 12:06 today]

**TUE 18:50 Witness History (w3ct3c4h)**

[Repeat of broadcast at 08:50 today]

**TUE 19:00 BBC News (w172ykqj700i056)**

The latest five minute news bulletin from BBC World Service.

**TUE 19:06 The Newsroom (w172yl84mdckbsl)**

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

**TUE 19:30 BBC News Summary (w172ykrbnqmc8fl)**

The latest two minute news summary from BBC World Service.

**TUE 19:32 Sport Today (w3ct4lde)**

2023/01/24 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 (w172ykqj700l3xb)**

The latest five minute news bulletin from BBC World Service.

**TUE 20:06 The Documentary (w3ct4pnq)**

[Repeat of broadcast at 02:32 today]

**TUE 20:30 BBC News Summary (w172ykrbnqmc8h5q)**

The latest two minute news summary from BBC World Service.

**TUE 20:32 Digital Planet (w3ct31zm)**

What happens when the Bitcoin miners leave?

In the summer of 2021 Kazakhstan was the second biggest producer of Bitcoin in the world, but what has happened since the crypto currency crash? Tech reporter Peter Guest is on the show to tell us about his trip to the country and how mega warehouses that once contained the computing power to make crypto millions now stand empty in the country's rust belt. He tells us the story of the rise and fall of the bitcoin miners in this remote part of the world.

Wearable tech, AI and potential new treatments for rare diseases  
Duchenne muscular dystrophy (DMD) and Friedreich's ataxia (FA) are very rare genetic diseases neither of which has a cure. Now scientists and engineers in the UK have used motion sensors to capture the way patients move. They processed this data through new AI medical technology that they say can predict disease progression and significantly increase the efficiency of clinical trials in these conditions. Treatments are desperately needed as both diseases can lead to paralysis and currently there are often not enough patients for clinical trials. Dr. Valeria Ricotti, honorary clinical lecturer at the UCL GOS ICH and lead author of the studies is on the show to tell us more.

Sony's new game controller for disabled gamers  
Our gaming correspondent Chris Berron reports on Sony's new "Project Leonardo", its PlayStation 5 controller for disabled gamers. The company teamed up with accessibility experts and charities to design the modular controller which can be adapted in many different ways to allow as many people as possible to use it. Launched at CES it still doesn't have a release date or price though.

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

Studio Manager: Duncan Hannant  
Producer: Ania Lichtarowicz

(Image: Huge transformers and high tension cable to power bitcoin mines in Kazakhstan. Credit: pterguest.co)

**TUE 21:00 BBC News (w172ykqj700l7ng)**

The latest five minute news bulletin from BBC World Service.

**TUE 21:06 Newshour (w172yfcfb5snslr)**

Germany to send Leopard tanks to Ukraine - reports

German Chancellor Olaf Scholz has decided to send Leopard 2 tanks to Ukraine, and allow other countries to do the same, reports in Germany say. We look at what impact this could have on the war in Ukraine. Also on the programme: at least 124 have people died in freezing temperatures in Afghanistan in the past fortnight, according to Taliban officials; and seismologists in China say that the spinning core at the centre of the Earth may have started to rotate in the opposite direction. (Image: Ukrainians hold placards and wave Ukrainian flags during a rally supporting the deployment of Leopard tanks and other military equipment to Ukraine, outside the European Council building during a EU Foreign Ministers Council in Brussels, Belgium, 23 January 2023. OLIVIER HOSLET/EPA-EFE/REX/Shutterstock)

**TUE 22:00 BBC News (w172ykqj700lcdl)**

The latest five minute news bulletin from BBC World Service.

**TUE 22:06 The Newsroom (w172yrx8rxq9cg5)**

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

**TUE 22:20 Sports News (w172yghjk807gfw)**

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

**TUE 22:30 BBC News Summary (w172ykrbnqmc8qnz)**

The latest two minute news summary from BBC World Service.

**TUE 22:32 World Business Report (w3ct3gcx)**

US accuses Google of 'driving out' ad rivals

The US Department of Justice and eight US states have filed a case against Google alleging it has too much power over the online ad market.

Online advertising accounts for the lion's share of Google's multibillion dollar revenue.

Google is the market leader, but its slice of total US digital ad income has fallen from 36.7% in 2016 to 28.8% in 2022, according to market research firm Insider Intelligence.

(Picture: In this photo illustration, the Google logo seen displayed on a smartphone with stock market exchange in the background. Picture Credit: Getty Images).

**TUE 23:00 BBC News (w172ykqj700lh4q)**

The latest five minute news bulletin from BBC World Service.

**TUE 23:06 People Fixing The World (w3ct3j3m)**

[Repeat of broadcast at 08:06 today]

**TUE 23:30 BBC News Summary (w172ykrbnqmc8vf3)**

The latest two minute news summary from BBC World Service.

**TUE 23:32 In the Studio (w3ct3jk5)**

[Repeat of broadcast at 04:32 today]

**WEDNESDAY 25 JANUARY 2023****WED 00:00 BBC News (w172ykqj700llwv)**

The latest five minute news bulletin from BBC World Service.

**WED 00:06 The Arts Hour (w3ct391c)**

[Repeat of broadcast at 20:06 on Saturday]

**WED 01:00 BBC News (w172ykqj700lqmz)**

The latest five minute news bulletin from BBC World Service.

**WED 01:06 Business Matters (w172ydg97sflmkb)**

The US government sues Google

The US Department of Justice (DOJ) and eight US states have filed a case against Google alleging it has too much power over the online ad market.

Online advertising accounts for the lion's share of Google's multibillion dollar revenue.

Google is the market leader, but its slice of total US digital ad income has fallen from 36.7% in 2016 to 28.8% in 2022, according to market research firm Insider Intelligence.

(Picture: In this photo illustration a Google logo seen displayed on a smartphone. Picture Credit: Getty Images).

**WED 02:00 BBC News (w172ykqj700lvd3)**

The latest five minute news bulletin from BBC World Service.

**WED 02:06 The Newsroom (w172yl84mdcl60h)**

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

**WED 02:30 BBC News Summary (w172ykrbnqmc96nh)**

The latest two minute news summary from BBC World Service.

**WED 02:32 The Compass (w3ct3031)**

Why We Play

Adolescence: Discovering identity through play

As we grow into adolescence, the playfulness of childhood seems to disappear. Teenagers discovering their identity are engaged in a serious quest. There are unwritten rules to learn and to follow, and to be too spontaneous puts you at risk of ridicule. But while teenagers are less playful they are playing nonetheless, the obvious examples being sport and video games. As today's teenagers live in a culture where the boundaries of the real and virtual are ever more fluid, video games offer a space free of adult supervision, where they can make friends (both on and offline), rehearse their identities, and accumulate

“cultural capital”. Far from the stereotypes of the solitary gamer playing violent shooter games, many of today's successful video games help teenagers to navigate issues of anxiety, depression, and identity. In Lagos, we find researchers using virtual reality games to help schoolchildren to understand and develop empathy for those from different ethnic backgrounds. And we ask whether playfulness can help teenagers and young adults communicate messages to potential partners.

Presenter: Steffan Powell.  
Producer: Jolyon Jenkins

(Photo: A teenager smiles as he plays a video game. Credit: Getty Images)

**WED 03:00 BBC News (w172ykqj700l247)**  
The latest five minute news bulletin from BBC World Service.

**WED 03:06 Outlook (w3ct3541)**  
[Repeat of broadcast at 12:06 on Tuesday]

**WED 03:50 Witness History (w3ct3c4h)**  
[Repeat of broadcast at 08:50 on Tuesday]

**WED 04:00 BBC News (w172ykqj700m2wc)**  
The latest five minute news bulletin from BBC World Service.

**WED 04:06 The Newsroom (w172yl84mdclfhr)**  
The world's Newsroom brings you global events as they happen

**WED 04:30 BBC News Summary (w172ykrbnqm9g4r)**  
The latest two minute news summary from BBC World Service.

**WED 04:32 The Documentary (w3ct4mnq)**  
This Cultural Life: Abdulrazak Gurnah

Nobel Prize-winning novelist Abdulrazak Gurnah talks to John Wilson about the people, events, and cultural works that have inspired his creativity. Born in Zanzibar, the author and academic came to England as a political refugee at the age of 18, and now holds the post of Emeritus Professor of English and Postcolonial Literatures at the University of Kent. Since his first book *Memory of Departure* in 1987, he has written 10 novels including *Paradise*, which was nominated for the Booker Prize in 1994. When he won the 2021 Nobel Prize in Literature, the citation praised his “uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugee in the gulf between cultures and continents”.

Abdulrazak Gurnah discusses his childhood overlooking the main port in Zanzibar, and how his experience of multiple nationalities, cultures and languages inspired some of the themes of identity, belonging and departure that recur in his novels. He remembers the political turmoil and violence in the wake of the 1964 revolution in Zanzibar that saw the overthrow of the Sultan and imprisonment of the government.

After travelling to the UK with his brother in 1968, he enrolled as a student in Canterbury, the town in which he still lives and works. Abdulrazak Gurnah also discusses the effect that winning the Nobel Prize has had on his life and work.

Presenter: John Wilson  
Producer: Edwina Pitman

(Photo: Tanzanian author Abdulrazak Gurnah (C) attends the Nobel Prize award ceremony at the Concert Hall, Stockholm, Sweden, 10 December 2022. Credit: Christine Olsson/EPA-EFE/Rex/Shutterstock)

**WED 05:00 BBC News (w172ykqj700m6mh)**  
The latest five minute news bulletin from BBC World Service.

**WED 05:06 Newsday (w172yf8yzzmvr8x)**  
Germany expected to send modern Leopard 2 tanks to Ukraine

Ukraine's military will receive modern Leopard 2 tanks from Germany to help its push against the Russian invasion. The German Chancellor Olaf Scholz has reportedly decided to send at least 14 of the tanks. This also paves the way for Poland and other European countries to send some of their German-made Leopard tanks to Kyiv.

The United States is suing Google - accusing it of harming competition. We'll find out more from our business presenter.

In Afghanistan, we'll hear from a Taliban minister - who insists that despite Western pressure his movement will not go back on its ban on women working for aid groups

And we'll hear from the Chechen human rights activist who says he is prepared to take his mother's place in prison - if she is released.

**WED 06:00 BBC News (w172ykqj700mbcm)**  
The latest five minute news bulletin from BBC World Service.

**WED 06:06 Newsday (w172yf8yzzmz11)**  
Germany is preparing to send tanks to Ukraine in its fight against the Russian invasion

Reports say Germany is preparing to send tanks to Ukraine in its fight against the Russian invasion - with Nato allies also expected to be given approval to export German-made Leopard 2 tanks to assist Kyiv.

In Afghanistan, a Taliban Minister has doubled down on the restrictions barring women from working for aid agencies there.

A Chechen human rights lawyer pleads for his mother's life as he says he's ready to swap his life for hers.

And the United States says it is suing Google - over accusations that the tech giant is undermining its competition in the online advertising market.

**WED 07:00 BBC News (w172ykqj700mg3r)**  
The latest five minute news bulletin from BBC World Service.

**WED 07:06 Newsday (w172yf8yzzzn2s5)**  
The USA and Germany look set to commit their tanks to the conflict in Ukraine

The USA and Germany are on the verge of confirming that they will send battle tanks to Ukraine. The German Chancellor, Olaf Scholz, has been under growing international pressure to approve the export of the Leopard 2 tanks. The US had argued that its M1 Abrams tanks aren't suited to the conflict in Ukraine but is about to begin the process of sending them.

Newsday also hears reaction from neighbouring Poland, that has been instrumental in persuading Germany to change its mind.

We'll look at the measures being taken by the new Brazilian administration who are dealing with a medical emergency to save the lives of hundreds of Yanomani children. Illegal mining and pollution of their land has been blamed for their plight.

And we talk about Venezuela - where inflation has reached 234 percent.

**WED 08:00 BBC News (w172ykqj700mkvw)**  
The latest five minute news bulletin from BBC World Service.

**WED 08:06 HARDtalk (w3ct32s4)**  
Dmytro Kuleba: Is the West's hesitation undermining Ukraine?

Stephen Sackur speaks to Ukraine's foreign minister, Dmytro Kuleba. The war with Russia has hit a winter stalemate, but what will spring bring? From battle tanks to air defences, Ukraine wants more help from its allies. Is Western wavering undermining Kyiv's strategic options?

**WED 08:30 BBC News Summary (w172ykrbnqm9y48)**  
The latest two minute news summary from BBC World Service.

**WED 08:32 Business Daily (w3ct31cz)**  
Cost of living: Housing

Whether renting or buying, housing costs are going up.

Presenter Leanna Byrne takes you back home with her to Dublin, Ireland to discuss what all Dubliners love to moan about: the rising cost of renting.

According to a report by Daft.ie, which lists places to rent or buy in Ireland, at the end of 2022 rent in Dublin had risen to an average \$2,446 per month.

And the rising price of renting has seeped into some of Ireland's other cities, like Cork and Galway, where rents rose by 12% and 16%.

Limerick and Waterford's rental prices both soared by more than 17%.

We hear from Rebecca, a 32-year-old working in the tech sector in Dublin, who has been renting for 10 years. She says that renting in Dublin is getting harder.

Alex is 31 and works in banking. He got a job in Dublin in

January 2022 and was worried about moving there because he heard about the housing horror stories.

And finally, Norman Shapiro, senior mortgage broker with First Israel Mortgages, gives us the view from Israel, where house prices have hit a record 20% year-on-year increase.

Presenter/producer: Leanna Byrne  
(Image: Houses/ Getty Images)

**WED 08:50 Witness History (w3ct3c6r)**  
Smolensk air disaster

In 2010, a plane carrying the Polish president, Lech Kaczyński, crashed near the Russian city of Smolensk, killing everyone on board.

It was one of the most tragic moments in modern Polish history.

The country's minister of foreign affairs, Radosław Sikorski was one of the first people to hear about it. He's been sharing his memories of the disaster with Matt Pintus.

(Photo: Smolensk air crash wreckage. Credit: Getty Images)

**WED 09:00 BBC News (w172ykqj700mpm0)**  
The latest five minute news bulletin from BBC World Service.

**WED 09:06 The Newsroom (w172yl84mdcm17d)**  
The world's Newsroom brings you global events as they happen

**WED 09:30 BBC News Summary (w172ykrbnqmb1wd)**  
The latest two minute news summary from BBC World Service.

**WED 09:32 The Compass (w3ct3031)**  
[Repeat of broadcast at 02:32 today]

**WED 10:00 BBC News (w172ykqj700mtc4)**  
The latest five minute news bulletin from BBC World Service.

**WED 10:06 The Documentary (w3ct4ndb)**  
[Repeat of broadcast at 12:06 on Saturday]

**WED 11:00 BBC News (w172ykqj700my38)**  
The latest five minute news bulletin from BBC World Service.

**WED 11:06 The Newsroom (w172yl84mdcm8qn)**  
The world's Newsroom brings you global events as they happen

**WED 11:30 BBC News Summary (w172ykrbnqmb9cn)**  
The latest two minute news summary from BBC World Service.

**WED 11:32 The Documentary (w3ct4mnq)**  
[Repeat of broadcast at 04:32 today]

**WED 12:00 BBC News (w172ykqj700n1vd)**  
The latest five minute news bulletin from BBC World Service.

**WED 12:06 Outlook (w3ct3y9m)**  
I escaped my abusive boss and found a sisterhood

Growing up in Sierra Leone, Mariam was one of the best students in her class - her dream was to become a journalist or a lawyer. But when finances prevented her from continuing her education she travelled to Lebanon to become a domestic worker. She soon found herself faced with terrible working conditions, and suffered sexual abuse from her male employer. She eventually escaped, and was able to meet other women in a similarly vulnerable position. Together the women are now campaigning for better protection for migrant domestic workers in Lebanon. Mariam asked us not to use her full name in this interview.

Fereshteh Khosroujerdy was born blind in Iran, and loved to sing despite being told it was sinful. She later came to the UK as an asylum speaker and now performs with the Inner Vision Orchestra, the UK's only professional orchestra made up of blind musicians. This interview was originally broadcast in July 2020.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgeon  
Producer: Gaia Caramazza

(Photo: Mariam marching through the streets of Beirut. Credit: courtesy of MCC)

#### WED 12:50 Witness History (w3ct3c6r)

[Repeat of broadcast at 08:50 today]

#### WED 13:00 BBC News (w172ykqj700n5lj)

The latest five minute news bulletin from BBC World Service.

#### WED 13:06 The Newsroom (w172yl84mdcmj6x)

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

#### WED 13:30 BBC News Summary (w172ykrbnqmbjvx)

The latest two minute news summary from BBC World Service.

#### WED 13:32 Digital Planet (w3ct31zm)

[Repeat of broadcast at 20:32 on Tuesday]

#### WED 14:00 BBC News (w172ykqj700n9bn)

The latest five minute news bulletin from BBC World Service.

#### WED 14:06 Newshour (w172yfcfb5sqv8y)

Germany gives green light for tanks for Ukraine

The German chancellor, Olaf Scholz, has confirmed that his government will provide Ukraine with some of its Leopard-Two battle tanks, and allow other countries to do likewise. Also on the programme, the Indian government attempts to crackdown on screenings of a documentary which examines Prime Minister Modi's time as Chief Minister of Gujarat. And, five months after North Korea declared "victory" over covid, there are reports that a five-day lockdown has been ordered in Pyongyang because of an unnamed "respiratory illness".

(Photo: Session of questions addressed to the Federal Government at the German parliament 25/01/2023 European Pressphoto Agency)

#### WED 15:00 BBC News (w172ykqj700nf2s)

The latest five minute news bulletin from BBC World Service.

#### WED 15:06 HARDtalk (w3ct32s4)

[Repeat of broadcast at 08:06 today]

#### WED 15:30 BBC News Summary (w172ykrbnqmb5c)

The latest two minute news summary from BBC World Service.

#### WED 15:32 World Business Report (w3ct3gg3)

The battle for Africa's resources

US Treasury Secretary Janet Yellen was on an official tour in Africa as she vows to strengthen ties with the continent. This comes as China continues to increase its influence there.

India's richest man has seen more than 10 billion dollars wiped off the value of his companies. That follows a report by the Hindenberg Research group targeting the conglomerate owned by Gautham Adani.

The Cairo International Book Fair in Egypt will see attendants be able to buy books in instalments. This is because the price of books continues to increase due to rising inflation. This has lead to some Egyptian authors cutting back on the length of their writing to be more economical.

(Picture: In this photo the US Treasury Secretary Janet Yellen speaks in Zambia. Credit: Reuters)

#### WED 16:00 BBC News (w172ykqj700njtx)

The latest five minute news bulletin from BBC World Service.

#### WED 16:06 BBC OS (w172yg203hc2y5z)

BBC Modi documentary

Tensions have flared at two of India's best-known universities over the screening of a BBC documentary on Prime Minister Narendra Modi and his role in deadly religious riots in 2002. Reports say police detained students at Jamia Millia Islamia university in Delhi ahead of a planned screening. On Tuesday students at another Delhi university said power and internet had been cut to stop them showing the film. We explain what happened at the time of the Gujarat riots and hear from the BBC's Anbarasan Ethirajan for current reaction to the documentary.

We hear a conversation between a group of South Africans as power cuts continue to worsen across the country. The regular blackouts have been blamed on the government's poor management of the power utility, Eskom, and an aging fleet of coal-fired stations.

DR Congo has declared Rwanda's shooting of one of its fighter jets an "act of war", amid mounting tensions. Rwanda's government said it took "defensive measures" against a plane that had violated its airspace - a claim denied by DR Congo. We get updates from the BBC's Anne Soy.

German Leader Olaf Scholz has addressed German MPs after confirming his country will send Leopard 2 tanks to Ukraine. The chancellor says Germany will send 14 Leopard tanks and give permission for other countries to send theirs too. We speak to our correspondent Damien McGuinness who is in the German parliament where Olaf Scholz has been speaking.

Our reporter Guy Lambert explains why Justin Bieber has sold his share of the rights to his music to Hipgnosis Songs Capital. The firm now owns the pop star's stake in some of the biggest hits of recent years, including Baby and Sorry.

(Photo: Prime Minister Narendra Modi. Credit:Getty Images)

#### WED 17:00 BBC News (w172ykqj700nnl1)

The latest five minute news bulletin from BBC World Service.

#### WED 17:06 BBC OS (w172yg203hc31y3)

South Africa electricity crisis

We hear a conversation between a group of South Africans as power cuts continue to worsen across the country. Opposition supporters in South Africa have marched through Johannesburg and Cape Town to protest against years of severe power cuts. The regular blackouts have been blamed on the government's poor management of the power utility, Eskom, and an aging fleet of coal-fired stations.

Tensions have flared at two of India's best-known universities over the screening of a BBC documentary on Prime Minister Narendra Modi and his role in deadly religious riots in 2002. Reports say police detained students at Jamia Millia Islamia university in Delhi ahead of a planned screening. On Tuesday students at another Delhi university said power and internet had been cut to stop them showing the film. We explain what happened at the time of the Gujarat riots and hear from the BBC's Anbarasan Ethirajan for current reaction to the documentary.

Our Europe Editor Danny Aeberhard has more on Germany's decision to send Leopard 2 tanks to aid Ukraine in its fight against Russia's invasion, whilst the BBC's North America digital writer Chloe Kim explains why the term "Doomsday Clock" has been trending recently in relation to the war.

Pradeep Bashyal from the BBC's Nepali service takes us through a story surrounding a man who set himself on fire on Tuesday in front of Parliament in Kathmandu. Beforehand, Prem Prasad Acharya had taken to his social media accounts to post about the financial and mental issues he had been facing for years. He later died in hospital.

Our reporter Laura Cress has the latest on the co-creator of the hit animated series Rick and Morty Justin Roiland. He's been dropped from the show by Adult Swim, the US TV channel that runs it as he prepares to defend himself over charges of domestic violence against an ex-girlfriend. He's pleaded not guilty to both charges.

(Photo: An Eskom worker in South Africa. Credit: Getty Images)

#### WED 18:00 BBC News (w172ykqj700nsb5)

The latest five minute news bulletin from BBC World Service.

#### WED 18:06 Outlook (w3ct3y9m)

[Repeat of broadcast at 12:06 today]

#### WED 18:50 Witness History (w3ct3c6r)

[Repeat of broadcast at 08:50 today]

#### WED 19:00 BBC News (w172ykqj700nx29)

The latest five minute news bulletin from BBC World Service.

#### WED 19:06 The Newsroom (w172yl84mdcn7pp)

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

#### WED 19:30 BBC News Summary (w172ykrbnqmc8bp)

The latest two minute news summary from BBC World Service.

#### WED 19:32 Sport Today (w3ct4lgm)

2023/01/25 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 (w172ykqj700p0tf)

The latest five minute news bulletin from BBC World Service.

#### WED 20:06 The Compass (w3ct3031)

[Repeat of broadcast at 02:32 today]

#### WED 20:30 BBC News Summary (w172ykrbnqmc2d)

The latest two minute news summary from BBC World Service.

#### WED 20:32 Health Check (w3ct32xn)

After the floods

Six months on from the worst flooding in Pakistan's history, a medic in eastern Balochistan describes what he is seeing daily.

Khalid Saleem, who works for the charity Médecins Sans Frontières (Doctors Without Borders), says many people are still living in shelters at the side of the road and must walk miles if they need healthcare. There are high levels of malnutrition, malaria and skin conditions such as scabies.

We also talk Professor Zainab Samad, from Aga Khan University in Islamabad, who is the author of a major new report on the country's health. She describes how people in these areas were already worse off even before the floods and says it will take years to recover – but it is everyone's responsibility to help make society healthier.

We hear from Dr Lindsay Dewa and medical student Simi Adewale on their project to explore digital connection during the COVID-19 pandemic. Imperial College London worked with young people to make a short film about the impact on young people's mental health.

And our guest is family doctor Ann Robinson, who'll discuss the latest studies and health news, including strict new alcohol guidance for Canada and how "bed dancing" is helping hospital patients.

Image credit: Getty Images

Presenter: Smitha Mundasad

Producer: Gerry Holt

#### WED 21:00 BBC News (w172ykqj700p4kk)

The latest five minute news bulletin from BBC World Service.

#### WED 21:06 Newshour (w172yfcfb5srphv)

US joins Germany in announcing tanks for Ukraine

The United States has joined Germany in announcing it will send tanks to Ukraine. President Biden said 31 M1 Abrams tanks would be delivered, in a significant policy reversal.

Also in the programme: battling Covid in rural China; and the film documenting the campaign against America's opioid epidemic

(Picture: The US army unveils its new Abrams M1A2 Systems Enhanced Package version three tank in Fort Stewart, Georgia, USA. Mandatory Credit: Photo by STEPHEN B MORTON/EPA-EFE/REX/Shutterstock)

#### WED 22:00 BBC News (w172ykqj700p89p)

The latest five minute news bulletin from BBC World Service.

#### WED 22:06 The Newsroom (w172yxr8rxqd8c8)

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

#### WED 22:20 Sports News (w172yghjk80cbz)

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

#### WED 22:30 BBC News Summary (w172ykrbnqmcml2)

The latest two minute news summary from BBC World Service.

#### WED 22:32 World Business Report (w3ct3gjc)

Donald Trump allowed back onto Facebook and Instagram

Donald Trump will be allowed back onto Facebook and Instagram, after Meta announced it would be ending its two-

year suspension of his accounts.

The suspension will end "in the coming weeks", the social media giant said.

The then-US president was indefinitely suspended from Facebook and Instagram after the Capitol riots in 2021.

Republicans have been pressing for Mr Trump to be allowed back on Facebook as he prepares to run for the presidency again next year.

(Picture: SAN ANSELMO, CALIFORNIA - JANUARY 08: The suspended Twitter account of U.S. President Donald Trump appears on an iPhone screen on January 08, 2021 in San Anselmo, California. Picture Credit: Getty Images).

**WED 23:00 BBC News (w172ykqj700pd1t)**  
The latest five minute news bulletin from BBC World Service.

**WED 23:06 HARDtalk (w3ct32s4)**  
[Repeat of broadcast at 08:06 today]

**WED 23:30 BBC News Summary (w172ykrbnqmc6)**  
The latest two minute news summary from BBC World Service.

**WED 23:32 The Documentary (w3ct4mnq)**  
[Repeat of broadcast at 04:32 today]

#### THURSDAY 26 JANUARY 2023

**THU 00:00 BBC News (w172ykqj700phsy)**  
The latest five minute news bulletin from BBC World Service.

**THU 00:06 The Documentary (w3ct4ndb)**  
[Repeat of broadcast at 12:06 on Saturday]

**THU 01:00 BBC News (w172ykqj700pmk2)**  
The latest five minute news bulletin from BBC World Service.

**THU 01:06 Business Matters (w172yq97sfpgf)**  
Trump to be allowed back on Facebook and Instagram

Donald Trump will be allowed back on to Facebook and Instagram, after Meta announced it would be ending its two-year suspension of his accounts.

The then-US president was indefinitely suspended from Facebook and Instagram after the Capitol riot in 2021.

Nick Clegg, Meta's president of global affairs, said a review found that Mr Trump's accounts no longer represented a serious risk to public safety.

(Picture: TOPSHOT - Former US President Donald Trump speaks at the Mar-a-Lago Club in Palm Beach, Florida, on November 15, 2022. Picture Credit: Getty Images).

**THU 02:00 BBC News (w172ykqj700pr96)**  
The latest five minute news bulletin from BBC World Service.

**THU 02:06 The Newsroom (w172yl84mdcp2xl)**  
The world's Newsroom brings you global events as they happen

**THU 02:30 BBC News Summary (w172ykrbnqmd3kl)**  
The latest two minute news summary from BBC World Service.

**THU 02:32 Assignment (w3ct304v)**  
Iran Protests: Tales from the frontline

Why did people take to the streets, risking arrest and a barrage of bullets?

After protests turned violent and hundreds of people were killed, four Iranians tell the story of why they risked their lives. What has been happening in Iran to drive them out onto the streets to face bullets?

'Agrin' tells Phoebe Keane she's tired of being objectified as a woman, and having no faith that the authorities will take sexual assault seriously when the police themselves are accused of raping prisoners.

Mahsoud tells how he was shot during a protest but feared going to the hospital in case the authorities put him in jail. When plain clothed police loitered outside his family home, he decided to leave Iran. Still bleeding and with a metal pellet lodged in his ear impairing his hearing, he finally made it across the border to Iraq.

'Nazy' tells of being arrested by the morality police while walking to work and being shoved in a van as the heels on her shoes were too high. She started to protest every day and now walks through the streets with her hair blowing in the wind, an act of defiance.

'Farah' remembers a time in Iran when women could dance and sing in public and protests because she wants her daughter to live a life without fear.

Presenter: Phoebe Keane  
Producers: Ed Butler, Ali Hamedani, Khosro Isfahani and Taraneh Stone  
Series editor: Penny Murphy

**THU 03:00 BBC News (w172ykqj700pw1b)**  
The latest five minute news bulletin from BBC World Service.

**THU 03:06 Outlook (w3ct3y9m)**  
[Repeat of broadcast at 12:06 on Wednesday]

**THU 03:50 Witness History (w3ct3c6r)**  
[Repeat of broadcast at 08:50 on Wednesday]

**THU 04:00 BBC News (w172ykqj700pzsg)**  
The latest five minute news bulletin from BBC World Service.

**THU 04:06 The Newsroom (w172yl84mdcpbdv)**  
The world's Newsroom brings you global events as they happen

**THU 04:30 BBC News Summary (w172ykrbnqmdc1v)**  
The latest two minute news summary from BBC World Service.

**THU 04:32 The Food Chain (w3ct38p3)**  
Why can't my child swallow?

To feed a child is fundamental to a parent, it's instinct. But what if your baby can't swallow?

After receiving lots of emails to a programme we made on dysphagia – or swallowing difficulties – we were asked to explore the condition as it affects children.

In this edition, Ruth Alexander speaks to parents Kelly Rose, in the UK, and Melanie and Sean Hoffman in Canada, about how they manage their children's conditions and their relationship with food; and to a doctor, Professor Hamdy El-Hakim, who is on a mission to ensure dysphagia is better understood.

And we hear from the children themselves. Three-year-old Bodhi and five-year-old Ophelia share their thoughts about food.

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

(Picture: Bodhi and his mother Kelly Rose. Credit: Kelly Rose/BBC)

Producer: Elisabeth Mahy

**THU 05:00 BBC News (w172ykqj700q3jl)**  
The latest five minute news bulletin from BBC World Service.

**THU 05:06 Newsday (w172yf8yzzzqr60)**  
US joins Germany in sending battle tanks to Ukraine

President Zelensky has welcomed the decision by the United States and Germany to supply Ukraine with modern tanks. He says fighter jets and long-range missiles are also needed.

The former US President Donald Trump is to be allowed back on Facebook and Instagram.

And UN figures show opium production in Myanmar rose by a third last year, bucking an eight-year decline.

**THU 06:00 BBC News (w172ykqj700q78q)**  
The latest five minute news bulletin from BBC World Service.

**THU 06:06 Newsday (w172yf8yzzzqvy4)**  
Russia: Tanks to Ukraine 'a dangerous provocation'

President Volodymyr Zelensky has said that now the United States and Germany have promised to send Ukraine advanced tanks, their rapid delivery in sufficient numbers is vital to defend against Russia. Mr Zelensky added that long-range missiles, aircraft and more artillery were also wanted.

UN figures show opium production in Myanmar rose by a third last year, bucking an eight-year decline.

And Meta has said it will reinstate the Facebook and Instagram accounts of the former US president Donald Trump.

**THU 07:00 BBC News (w172ykqj700qc0v)**  
The latest five minute news bulletin from BBC World Service.

**THU 07:06 Newsday (w172yf8yzzzqp8)**  
Russia says tanks in Ukraine will escalate conflict

President Zelensky has welcomed the decision by the United States and Germany to supply Ukraine with modern tanks. He says fighter jets and long-range missiles are also needed.

The UN says Myanmar's opium harvest increased by a third last year, ending an seven-year decline.

And former US President Donald Trump is to be allowed back on Facebook and Instagram.

**THU 08:00 BBC News (w172ykqj700qgrz)**  
The latest five minute news bulletin from BBC World Service.

**THU 08:06 The Inquiry (w3ct39v7)**  
Will international support for Ukraine last?

Since the start of the war, Ukraine has received more than €115 billion in military, financial and humanitarian aid from countries around the world.

Now that the pendulum has swung, and the battlefield momentum is with Ukrainian forces, international allies have agreed to ramp up that support, with the US, UK and other major and minor military powers combining to pledge billions in weapons, ammunition and even modern tanks.

But can that support go on indefinitely? As some countries run low on weapons stocks, will they cut off support to Ukraine rather than leave their borders vulnerable to potential attack? And will other factors such as rising energy costs, a looming global recession and the upcoming US presidential election determine to what extent - and for how long - international allies can fund Ukraine's war effort?

On The Inquiry this week - How long will international support for Ukraine last?

**THU 08:30 BBC News Summary (w172ykrbnqmdv1c)**  
The latest two minute news summary from BBC World Service.

**THU 08:32 Business Daily (w3ct312y)**  
Cost of living: Hospitality

We all know a coffee shop, a restaurant, a greasy spoon, a pub or a fine dining eatery that has closed in the last few months. But why, after two years of forced closures because of the coronavirus pandemic, are hospitality businesses closing now?

Leanna Byrne speaks to hospitality business owners from three different countries to find out how they're covering their overheads.

Alessandro Borghese is a chef who owns restaurants in Milan and in Venice. He says he's paying more for everything from food to oils and staff.

And Mandla Mataure is the managing director for the Chimanimani Hotel in Manicaland in eastern Zimbabwe.

Zimbabwe ended 2023 reporting a 244% inflation rate. How does Mandla deal with constant price rises when staff are looking for more money?

Oliver Mansaray owns the restaurant, Kink, in Berlin. Oliver opened his first ever hospitality business right before the pandemic struck. Like Mandla, he's taken on the cost of living challenge by cutting costs elsewhere and trying to be more efficient.

Presenter/producer: Leanna Byrne  
(Image: Oliver Mansaray in Kink, Berlin/ Credit: Oliver Mansaray)

**THU 08:50 Witness History (w3ct3c27)**  
Albert Pierpoint: Britain's executioner

Using archive recordings, Alex Last tells the story of Britain's most famous hangman.

During the 1940s and 1950s, Albert Pierpoint was responsible

for the execution of some of Britain's most notorious murderers and was sent to Germany to hang more than 200 Nazi war criminals after World War Two.

He said he was always determined to treat prisoners with dignity and respect whatever their crime.

This programme was first broadcast in 2015.

(Photo: Albert Pierrepont. Credit: Getty Images)

#### **THU 09:00 BBC News (w172ykqj700qlj3)**

The latest five minute news bulletin from BBC World Service.

#### **THU 09:06 The Newsroom (w172yl84mdcyp4h)**

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

#### **THU 09:30 BBC News Summary (w172ykrbnqmdysh)**

The latest two minute news summary from BBC World Service.

#### **THU 09:32 Assignment (w3ct304v)**

[Repeat of broadcast at 02:32 today]

#### **THU 10:00 BBC News (w172ykqj700qg87)**

The latest five minute news bulletin from BBC World Service.

#### **THU 10:06 The Forum (w3ct38tm)**

When money died: The world's worst inflation

In the summer of 1946 inflation in Hungary reached 41.9 quadrillion per cent. That's 41.9 followed by 14 zeros – the highest rate of inflation ever recorded anywhere in the world. It meant prices of everyday goods and services doubled, on average, every 15 hours.

As the shattered country struggled to get to its feet after World War Two, weighed down by a Soviet occupation and punishing reparations, its government had little choice but to print more and more money, further fuelling the price spiral.

The hyperinflation stripped wages of almost all their value and plunged millions of Hungarians into a new fight for survival, but as they lost all faith in banknotes they turned to ever more inventive ways to trade and earn a living. We discuss how life for ordinary Hungarians changed amidst the chaos, what caused and eventually halted the economic disaster, and what the whole episode can tell us about the meaning of money.

Bridget Kendall is joined by Béla Tomka, professor of modern social and economic history at the University of Szeged, in Hungary; László Borhi, the Peter A Kadas Chair and associate professor in the Department of Central Eurasian Studies in the Hamilton-Lugar School at Indiana University, USA; and Pierre Siklos, professor of economics at Wilfred Laurier University in Waterloo, Canada.

Producer: Simon Tulett

(Picture: Hungarian pengo banknotes lying on the ground in Budapest. Credit: Louis Foucherand/AFP via Getty Images)

#### **THU 10:50 Sporting Witness (w3ct36gs)**

Calciopoli: the Juventus scandal

In 2006, Italy's most successful team, Juventus, were relegated from the Italian top division due to their involvement in the Calciopoli match-fixing scandal.

The decision to demote Juventus came just days after Italy had won the 2006 World Cup in Germany.

Journalist Paddy Agnew covered the case extensively from his base in Rome. He has been sharing his memories of that time with Matt Pintus.

(Photo: Juventus managing director Luciano Moggi pictured in 2006. Credit: Getty Images)

#### **THU 11:00 BBC News (w172ykqj700qv0c)**

The latest five minute news bulletin from BBC World Service.

#### **THU 11:06 The Newsroom (w172yl84mdcq5mr)**

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

#### **THU 11:30 BBC News Summary (w172ykrbnqmf68r)**

The latest two minute news summary from BBC World Service.

#### **THU 11:32 The Food Chain (w3ct38p3)**

[Repeat of broadcast at 04:32 today]

#### **THU 12:00 BBC News (w172ykqj700qyrh)**

The latest five minute news bulletin from BBC World Service.

#### **THU 12:06 Outlook (w3ct34x8)**

I was there the night Emmett Till was taken

Emmett Till's brutal murder in Mississippi in 1955 sparked a revolution in America. The 14-year-old was lynched for whistling at a white woman at a grocery store. His mother Mamie Till-Mobley decided to have an open casket at his funeral to show the world how viciously two white men had mutilated her son, before they shot him and threw his body in the Tallahatchie River. Rosa Parks said she had Emmett Till's name in her head when she refused to give up her seat on an Alabama bus a few months later.

Reverend Wheeler Parker was Emmett's cousin and was with him that fateful day at the store and was in the same house when the men came with a flashlight and pistol to take him away. Now 83, Wheeler has written a book alongside lawyer and journalist Christopher Benson called: A Few Days Full of Trouble. He tells Jo Fidge about his relationship with Emmett and how his cousin's shocking killing has shaped his life and Christopher talks about their fight for justice for Emmett.

This programme contains some distressing scenes.

Get in touch: outlook@bbc.com

Presenter: Jo Fidge

Producer: Deiniol Buxton and Troy Holmes

(Photo: Emmett Till (L), Wheeler Parker (C), Joe B. Williams (R). Credit: Courtesy of the Wheeler and Marvel Parker Collection).

#### **THU 12:50 Witness History (w3ct3c27)**

[Repeat of broadcast at 08:50 today]

#### **THU 13:00 BBC News (w172ykqj700r2hm)**

The latest five minute news bulletin from BBC World Service.

#### **THU 13:06 The Newsroom (w172yl84mdcqf40)**

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

#### **THU 13:30 BBC News Summary (w172ykrbnqmf50)**

The latest two minute news summary from BBC World Service.

#### **THU 13:32 Health Check (w3ct32xn)**

[Repeat of broadcast at 20:32 on Wednesday]

#### **THU 14:00 BBC News (w172ykqj700r67r)**

The latest five minute news bulletin from BBC World Service.

#### **THU 14:06 Newshour (w172yfcfb5str61)**

Kremlin: Tank deliveries to Ukraine are an escalation

Russia has launched a wave of missiles at Ukraine, a day after Germany and the US pledged tanks to aid Kyiv's fight against the invasion. The barrage came as Russia said it perceived the tank offer as "direct" Western involvement in the conflict.

Also on the programme: we hear from Jenin in the West Bank where several people have been killed by an Israeli military raid; and are Australians falling out of love with their national day?

(Image: US M1A2 'Abrams' tank moves to firing positions during U.S. led joint military exercise near Vaziani, Georgia, in May 18, 2016. Credit: Reuters/ Mdzinarishvili)

#### **THU 15:00 BBC News (w172ykqj700r9zw)**

The latest five minute news bulletin from BBC World Service.

#### **THU 15:06 The Inquiry (w3ct39v7)**

[Repeat of broadcast at 08:06 today]

#### **THU 15:30 BBC News Summary (w172ykrbnqmf88)**

The latest two minute news summary from BBC World Service.

#### **THU 15:32 World Business Report (w3ct3g52)**

The US economy grows more than expected

The US economy did better than expected at the end of last

year, despite higher borrowing costs and rising cost of living. The economy grew at an annual rate of 2.9% in the last three months of 2022.

IBM has become the latest tech company to announce layoffs. The software and consulting firm has said it will cut 3,900 jobs.

One of India's biggest companies, the Adani Group, says it's considering taking legal action against a US investment firm, Hindenburg Research, that's raised concerns about its finances. The US company alleged that the Adani Group had improperly used offshore tax havens and that some of its key listed companies had substantial debt. The Adani Group has denied the allegations.

(Picture Credit: Getty)

#### **THU 16:00 BBC News (w172ykqj700rfr0)**

The latest five minute news bulletin from BBC World Service.

#### **THU 16:06 BBC OS (w172yg203hc5v32)**

Nine Palestinians killed in Israeli raid

Nine Palestinians have been killed during an Israeli military raid in the occupied West Bank - the deadliest in years - that's according to Palestinian officials. The Israeli military said its troops went in to arrest Islamic Jihad militants planning "major attacks" The Palestinian presidency accused Israel of a "massacre" in Jenin, which has been the scene of repeated raids in recent months. We hear from the BBC's Tom Bateman who has been to Jenin.

Also Russia launched a wave of missiles at Ukraine on Thursday, a day after Germany and the US pledged tanks to aid Kyiv's fight against the invasion. Eleven people died and 11 others were injured after 35 buildings were struck across several regions, the state's emergency service said. The worst damage was on residential buildings in the Kyiv region. We get the latest from our reporter Zhanna Bezpiatchuk who is in Kyiv.

And earlier this week Japan's prime minister said his country is on the brink of not being able to function as a society because of its falling birth rate. Fumio Kishida said it was a case of "now or never." China's population also fell for the first time in sixty years at the start of 2023. We hear from a couple in South Korea - which has the lowest birth rate in the world. They tell us why they choose not to have children.

(PHOTO: Mourners carry the bodies of Palestinians, including militants, who were killed in an Israeli raid, during their funeral in Jenin in the Israeli-occupied West Bank January 26, 2023. CREDIT: REUTERS/Mohamad Torokman)

#### **THU 17:00 BBC News (w172ykqj700rkh4)**

The latest five minute news bulletin from BBC World Service.

#### **THU 17:06 BBC OS (w172yg203hc5yv6)**

Russian missiles hit Ukraine after West offers tanks

Russia launches a wave of missiles at Ukraine on Thursday, a day after Germany and the US pledged tanks to aid Kyiv's fight against the invasion. Ukrainian emergency services said eleven people died and 11 others were injured. Now, talk is turning back to Kyiv being supplied with modern western jets The BBC's weapons analyst, Chris Partridge tells us more.

Also Lebanon's top prosecutor has charged the judge leading the inquiry into the 2020 Beirut port blast and ordered the release of suspects in custody. Ghassan Oweidat summoned Judge Tarek Bitar for questioning, accusing him of "acting without a mandate". We're joined by the BBC's Middle East correspondent, Anna Foster.

And Bollywood superstar Shah Rukh Khan's film "Pathaan" has opened to huge fanfare and enthusiastic reviews in India and around the world. The much-awaited spy thriller marks Khan's grand return to the big screen after a four-year hiatus. We hear reaction from fans.

(PHOTO: Local woman with kids walks next to a residential house damaged by a Russian military strike, amid Russia's attack on Ukraine, in the town of Hlevakha, outside Kyiv, Ukraine January 26, 2023. CREDIT: REUTERS/Valentyn Ogirenko)

#### **THU 18:00 BBC News (w172ykqj700rpf78)**

The latest five minute news bulletin from BBC World Service.

#### **THU 18:06 Outlook (w3ct34x8)**

[Repeat of broadcast at 12:06 today]

**THU 18:50 Witness History (w3ct3c27)**

[Repeat of broadcast at 08:50 today]

**THU 19:00 BBC News (w172yqkj700rszd)**

The latest five minute news bulletin from BBC World Service.

**THU 19:06 The Newsroom (w172yl84mdcr4ls)**

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

**THU 19:30 BBC News Summary (w172ykrbnqmg57s)**

The latest two minute news summary from BBC World Service.

**THU 19:32 Sport Today (w3ct4lb3)**

2023/01/26 GMT

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

**THU 20:00 BBC News (w172yqkj700rsqj)**

The latest five minute news bulletin from BBC World Service.

**THU 20:06 Assignment (w3ct304v)**

[Repeat of broadcast at 02:32 today]

**THU 20:30 BBC News Summary (w172ykrbnqmg8zx)**

The latest two minute news summary from BBC World Service.

**THU 20:32 Science In Action (w3ct36b8)**

Bird flu (H5N1) outbreak in mink

An outbreak of pathogenic bird flu, H5N1, in a Spanish mink farm could be a cause for concern. Some experts fear the virus may now spill over to other mammals without strict surveillance. Marion Koopmans, professor of virology at Erasmus Medical Centre, talks Roland through the potential risks.

India's caste system affects all aspects of society, but how does the hierarchy influence representation of marginalised groups in academia? Science journalist Ankur Paliwal believes that, despite efforts to combat discrimination, not enough is being done, and he has the data to prove it.

Imagine a robot... Is it hard, metallic and humanoid? Professor Carmel Majidi from Carnegie Mellon University and his colleagues are thinking outside the robotics box. Their new material, magnetic in nature, can shift between solid and liquid states. It's even capable of breaking out of robotic jail...

And how do echidnas – spiny, hot-nosed, egg-laying mammals – manage to stay cool during the hot Australian summers?

Image credit: Ole Jensen/Getty

Presenter: Roland Pease  
Producer: Harrison Lewis  
Assistant Producer: Sophie Ormiston

**THU 21:00 BBC News (w172yqkj700s1gn)**

The latest five minute news bulletin from BBC World Service.

**THU 21:06 Newshour (w172yfcfb5svldy)**

Fear of flare-up after deadly Israeli raid in Jenin

The Palestinian Authority says it's ending security cooperation with Israel following one of the worst days of violence in the West Bank for years. All this comes just a few days before the US Secretary of State Antony Blinken arrives in the region for talks.

Also, Russia launches a barrage of missiles against Ukraine, a day after NATO countries agreed to send tanks; and on the eve of the Czech presidential election, how one of the candidates was forced to deny rumours that he'd died.

(Photo: Palestinians throw stones amid clashes with Israeli troops during a raid in Jenin, West Bank, 26 January 2023. Credit: Alaa Badarneh/ EPA)

**THU 22:00 BBC News (w172yqkj700s56s)**

The latest five minute news bulletin from BBC World Service.

**THU 22:06 The Newsroom (w172yxr8rxqh58c)**

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

**THU 22:20 Sports News (w172yghjk80f882)**

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

**THU 22:30 BBC News Summary (w172ykrbnqmgjh5)**

The latest two minute news summary from BBC World Service.

**THU 22:32 World Business Report (w3ct3g7b)**

A hacking group called Hive has been hacked by the US authorities

The hackers have been hacked - a prolific international ransomware operation has been shut down by US, German and Dutch officials. The criminal network, Hive, is said to have targeted over 1,500 victims worldwide in the past 18 months and extorted over \$100 million. FBI director Christopher Wray said the operation had recovered over 1,300 decryption keys for victims since July 2022 and had prevented \$130 million in ransomware payments.

(Picture: Cropped Hand Of Computer Hacker Typing On Keyboard. Picture Credit: Getty Images)

**THU 23:00 BBC News (w172yqkj700s8yx)**

The latest five minute news bulletin from BBC World Service.

**THU 23:06 The Inquiry (w3ct39v7)**

[Repeat of broadcast at 08:06 today]

**THU 23:30 BBC News Summary (w172ykrbnqmg9)**

The latest two minute news summary from BBC World Service.

**THU 23:32 The Food Chain (w3ct38p3)**

[Repeat of broadcast at 04:32 today]

**FRIDAY 27 JANUARY 2023****FRI 00:00 BBC News (w172yqkj700sdq1)**

The latest five minute news bulletin from BBC World Service.

**FRI 00:06 The Forum (w3ct38tm)**

[Repeat of broadcast at 10:06 on Thursday]

**FRI 00:50 Sporting Witness (w3ct36gs)**

[Repeat of broadcast at 10:50 on Thursday]

**FRI 01:00 BBC News (w172yqkj700sjg5)**

The latest five minute news bulletin from BBC World Service.

**FRI 01:06 Business Matters (w172yqkj700sfscj)**

A hacking group called Hive has been hacked by the US authorities

The hackers have been hacked - a prolific international ransomware operation has been shut down by US, German and Dutch officials. The criminal network, Hive, is said to have targeted over 1,500 victims worldwide in the past 18 months and extorted over \$100 million. FBI director Christopher Wray said the operation had recovered over 1,300 decryption keys for victims since July 2022 and had prevented \$130 million in ransomware payments.

(Photo: Cropped hand of computer hacker typing on keyboard. Credit: Getty Images)

**FRI 02:00 BBC News (w172yqkj700sn69)**

The latest five minute news bulletin from BBC World Service.

**FRI 02:06 The Newsroom (w172yl84mdcrztp)**

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

**FRI 02:30 BBC News Summary (w172ykrbnqmh0gp)**

The latest two minute news summary from BBC World Service.

**FRI 02:32 World Football (w3ct3hrb)**

Joy, upsets and surrealism in the Cup

Pays de Cassel player Ayrance Leganase looks back on his team's 7-nil loss to PSG in the Coupe de France. Having once been told he might need to have his left foot amputated, he got to share the pitch with Neymar and Mbappe. We also hear from Darvel's hero Jordan Kirkpatrick following their shock win over Aberdeen in the Scottish Cup.

Picture on website: Neymar Jr has a laugh with opponent Nicolas Bruneel during the round of 16 French Cup match between Pays de Cassel and Paris Saint-Germain. (Glenn Gervot/Icon Sportswire via Getty Images)

**FRI 03:00 BBC News (w172yqkj700sryf)**

The latest five minute news bulletin from BBC World Service.

**FRI 03:06 Outlook (w3ct34x8)**

[Repeat of broadcast at 12:06 on Thursday]

**FRI 03:50 Witness History (w3ct3c27)**

[Repeat of broadcast at 08:50 on Thursday]

**FRI 04:00 BBC News (w172yqkj700swpk)**

The latest five minute news bulletin from BBC World Service.

**FRI 04:06 The Newsroom (w172yl84mdcs79y)**

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

**FRI 04:30 BBC News Summary (w172ykrbnqmh7yy)**

The latest two minute news summary from BBC World Service.

**FRI 04:32 Heart and Soul (w3ct424j)**

The Right Thing: Opposing sexual violence as a weapon of war

**\*\*Contains graphic details of sexual violence against women and children\*\***

As a young boy, Nobel Peace Prize laureate Denis Mukwege witnessed his father, a Pentecostal pastor, praying for a sick child. It made him want to help people who suffer – not as a pastor, despite his own Christian faith, but as a doctor.

Fast forward to 1999, and Denis Mukwege founded Panzi hospital in Bukavu, a city in the Democratic Republic of Congo, near the Rwandan border. There, over the last 20 years, he has treated tens of thousands of women with gynaecological trauma, caused by the extreme sexual violence which has become a weapon of war in this volatile part of the world. Rich in coveted mineral resources, the area is the scene of a large-scale conflict involving countless armed rebel groups.

But Dr Mukwege was not just helping women; he was also speaking out against the cruelty of this conflict. This led to several attempts on his life. Fearing for his family, Denis Mukwege went into exile, but the women who saw him as their only hope launched a big campaign to persuade him to return.

Mike Wooldridge talks to Denis Mukwege about his life's work and how his Christian faith has motivated him to disregard his own safety and bring new hope to women who, without his help, would be looking ahead to a life of ostracism and pain.

If you have been affected by sexual abuse or violence, details of help and support in the UK is available at [bbc.co.uk/actionline](https://bbc.co.uk/actionline).

Producer: Lore Wolfson Windemuth  
A CTCV production for the BBC World Service

(Photo: Dr Mukwege. Credit: Alexis Huguet/Panzi Foundation)

**FRI 05:00 BBC News (w172yqkj700t0fp)**

The latest five minute news bulletin from BBC World Service.

**FRI 05:06 Newsday (w172yf8yzzzt33)**

Tyre Nichols: President Biden urges calm over police murder case

Our top story comes from the US, where five former police officers have been charged for the murder of a Black man who died three days after he was stopped for an alleged traffic violation in Memphis, Tennessee - we hear more from a reporter in the city.

We talk about the deadliest raid on the occupied West Bank for years - and increasing tensions between Israel and Palestine - with a former member of the Israeli parliament.

And Shakespeare in Yemen - we'll talk to the director behind a recent production that caused a stir.

**FRI 06:00 BBC News (w172yqkj70045t)**

The latest five minute news bulletin from BBC World Service.

**FRI 06:06 Newsday (w172yf8yzzztrv7)**

Tyre Nichols: Police bodycam footage to be made public

Five police officers who were fired last week over the killing of

an African-American motorist, Tyre Nichols, have been charged with his murder.

Nine people have been killed in the occupied West Bank refugee camp of Jenin - we hear from a doctor who witnessed the Israeli forces operation.

We look into the promised cabinet changes in Ukraine by President Zelensky's following corruption allegations and complaints of mismanagement.

#### **FRI 07:00 BBC News (w172ykqj700t7xy)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 07:06 Newsday (w172yf8yzzztwlc)**

Mideast tensions rise with Israeli airstrikes and Hamas rockets

More Israeli attacks - this time on Gaza and an alleged Hamas rocket factory - following its deadly raid yesterday which killed nine Palestinians; we hear from a Palestinian doctor who treated some of the victims, plus a former Israeli politician who says Israel has no choice but to defend itself.

President Joe Biden is urging protests in the US state of Tennessee to remain peaceful as officials plan to release video of an arrest that led to the death of a black man.

And in our business slot, we are looking at the cost of living as we go live to Dresden, Germany; it may be Europe's wealthiest country but its small businesses are struggling.

#### **FRI 08:00 BBC News (w172ykqj700tcp2)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 08:06 HARDtalk (w3ct32h3)**

Leopoldo Lopez: Has Venezuela's opposition been outmanoeuvred?

Stephen Sackur speaks to Leopoldo Lopez, a key leader of Venezuela's opposition. Once a political prisoner, now in exile in Spain, his efforts to topple the socialist regime led by Nicolas Maduro have been thwarted. Has Venezuela's pro-democracy movement been outmanoeuvred?

#### **FRI 08:30 BBC News Summary (w172ykrbnqmbhgyg)**

The latest two minute news summary from BBC World Service.

#### **FRI 08:32 Business Daily (w3ct30sx)**

Cost of living: Dresden, Germany

For the final episode of our cost of living series, the Business Daily team are in Dresden, a manufacturing powerhouse in the east of Germany.

Leanna Byrne speaks to small business owners, students considering taking on extra paid work and a big manufacturing boss about how the rising cost of living is affecting them and their livelihoods.

Detlef Neuhaus, the chief executive of one of Germany's biggest renewables companies - Solarwatt - tells us how the war in Ukraine has changed the mindset of some people when it comes to the value of renewable energy and how their manufacturing costs have gone up in recent months.

Presenter: Leanna Byrne  
Production: Izzy Greenfield and Alex Bell  
Image: Dresden; Credit: Getty Images

#### **FRI 08:50 Witness History (w3ct3bxq)**

Invention of the MP3

Professor Karlheinz Brandenburg from Germany spent more than a decade developing MP3 technology, which was developed to convert audio into digital form.

He had been working on it since 1982.

It compressed music into a file size that made it easier to transmit, leading to the first MP3 players and fast music sharing.

Laura Jones has been speaking to Professor Brandenburg.

(Photo: Karlheinz Brandenburg wearing headphones, with his team. Credit: Fraunhofer IIC)

#### **FRI 09:00 BBC News (w172ykqj700thf6)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 09:06 The Newsroom (w172yl84mdcsv1l)**

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

#### **FRI 09:30 BBC News Summary (w172ykrbnqmhvpl)**

The latest two minute news summary from BBC World Service.

#### **FRI 09:32 Tech Tent (w3ct4k4j2)**

Can Ticketmaster 'shake off' the bots?

Shiona McCallum explores what can be done about online bots targeting ticket sales. It's after Ticketmaster apologised to Taylor Swift fans who missed out on attending her Eras tour, they say they were the target of a cyber-attack by bots. We also delve into VR and AR experiences and learn about the company in India using discarded fishing nets to produce plugs and sockets.

(IMAGE:Taylor Swift meets fans in Toronto. Wesley Lapointe / Getty)

#### **FRI 10:00 BBC News (w172ykqj700tm5b)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 10:06 The Real Story (w3ct33q5)**

Is it getting any easier for women in politics?

Jacinda Ardern's resignation as New Zealand's PM this month came as a surprise to millions around the world. When she came to office in 2017, she stuck out as a contrast to populist leaders that dominated the global scene at the time. To some, she was a progressive female icon. She had to contend with intense public scrutiny throughout her journey, from announcing her pregnancy just months after taking office to her decision to take six weeks of maternity leave, which sparked debate on whether it was too short. Former prime minister Helen Clark, New Zealand's first female elected leader, said Ardern faced "unprecedented" attacks during her tenure.

Only 26% of the world's politicians are women. The three most commonly held portfolios by women ministers are still: Family, children and youth.

So what are the challenges of being a woman at the top of politics? Are female political leaders under more scrutiny than men? And what can be done to encourage more women into top roles in government?

Paul Henley is joined by a panel of experts:

Rosie Campbell, professor of politics and Director of the Global Institute for Women's Leadership at Kings College, London.

Helen Clark, former Prime Minister of New Zealand.

Ellen Johnson Sirleaf, former President of Liberia and winner of the 2011 Nobel Peace Prize.

Also featuring Ruth Davidson, former leader of the Scottish Conservative Party.

Photo: New Zealand's Prime Minister Jacinda Ardern addresses the Lowy Institute in Sydney, Australia, July 7, 2022. Dean Lewins/Pool via REUTERS

Producers: Pandita Lorenz and Ellen Otzen

#### **FRI 11:00 BBC News (w172ykqj700txg)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 11:06 The Newsroom (w172yl84mdct2jv)**

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

#### **FRI 11:30 BBC News Summary (w172ykrbnqmqj35v)**

The latest two minute news summary from BBC World Service.

#### **FRI 11:32 World Football (w3ct3hrb)**

[Repeat of broadcast at 02:32 today]

#### **FRI 12:00 BBC News (w172ykqj700tvnl)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 12:06 The Fifth Floor (w3ct380g)**

Ukraine's corruption crackdown

Ukraine's anti-corruption campaign is in the spotlight, with the recent dismissal or resignation of several top officials after a string of corruption scandals. Vitaliy Shevchenko of BBC Monitoring explains how the war with Russia has affected

Ukraine's long-running efforts to deal with corruption.

#### **Iraq and the Gulf Cup**

A recent sports story from Iraq provided a welcome change from conflict and political turmoil, when the country hosted football's Arabian Gulf Cup for the first time since 1979 - and won the championship. Tragically, there was a crush of fans outside the stadium in Basra before the final, leaving two people dead and many injured. BBC Arabic's Haider Hadi, who's based in Baghdad, shares his reflections.

#### **VDGs return to Indian-administered Kashmir**

A suspected militant attack in a village in Jammu on New Year's Day propelled Village Defence Groups back into the headlines. The original Village Defence Committees, set up in the 1990s, were disbanded in 2018 following illegal killings and accusations of other human rights abuses, but last August the Indian government announced the reintroduction of armed VDGs. BBC Urdu's Riyaz Masroor spoke to villagers in the latest attack, and the family of a victim from the previous era.

#### **Disinformation for sale in Nigeria**

A BBC investigation has discovered that political parties in Nigeria are secretly paying social media influencers to spread disinformation about their opponents ahead of general elections in February. Fauziyya Tukur of the BBC's disinformation unit in Abuja joins us to explain how this works.

#### **A visit to the 'Little Manhattan' of Caracas**

The economic crisis in Venezuela has left much of the population struggling to survive, and more than seven million people have left in search of better lives. But in one neighbourhood of the capital Caracas, there are casinos, restaurants and luxury stores. Norberto Paredes of BBC Mundo tells us about Las Mercedes, nicknamed "Little Manhattan".

(Photo: Ukrainian hryvnia in a yellow envelope. Credit: Victoria Kotlyarchuk/ Getty Images)

#### **FRI 12:50 Witness History (w3ct3bxq)**

[Repeat of broadcast at 08:50 today]

#### **FRI 13:00 BBC News (w172ykqj700tздq)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 13:06 The Newsroom (w172yl84mdctb13)**

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

#### **FRI 13:30 BBC News Summary (w172ykrbnqmqjbp3)**

The latest two minute news summary from BBC World Service.

#### **FRI 13:32 Science In Action (w3ct36b8)**

[Repeat of broadcast at 20:32 on Thursday]

#### **FRI 14:00 BBC News (w172ykqj700v34v)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 14:06 Newshour (w172yfcfb5sxn34)**

Israeli warplanes respond to rockets launched from Gaza

Israeli warplanes have carried out attacks targeting Palestinian militants in Gaza after rockets were fired towards southern Israel. It follows the deadliest Israeli incursion in the occupied West Bank in years.

On Holocaust Memorial Day- is ignorance about Nazi war crimes on the rise?

Also, South Korea's disability rights activists take to the subway.

CREDIT: Getty Images. People, holding banners, gather to protest after performing Friday prayer in Gaza City, Gaza after Israeli Forces killed 9 Palestinians in the raid on Jenin Refugee Camp

#### **FRI 15:00 BBC News (w172ykqj700v6wz)**

The latest five minute news bulletin from BBC World Service.

#### **FRI 15:06 HARDtalk (w3ct32h3)**

[Repeat of broadcast at 08:06 today]

#### **FRI 15:30 BBC News Summary (w172ykrbnqmqj5lc)**

The latest two minute news summary from BBC World Service.

#### **FRI 15:32 World Business Report (w3ct3fw1)**

Cost of living from the heart of Dresden in Germany



Businesses and residents share their views on how soaring prices are impacting Dresden, a manufacturing powerhouse in the East of Germany. Join us to find out how the capital of Saxony is coping with the cost of living crisis.

**FRI 16:00 BBC News (w172ykqj700vbn3)**

The latest five minute news bulletin from BBC World Service.

**FRI 16:06 BBC OS (w172yg203hc8r05)**

Conflict in DR Congo

We look at the ongoing fighting in the Democratic Republic of Congo and explain who the group fighting the government – the M23 rebels – are. Our colleagues from BBC Afrique and the BBC Great Lakes Service talk about the situation on the ground and about Rwanda's role in the conflict. We also hear from people in the DRC about how the war is affecting their lives.

We have been hearing from people in the countries experiencing a fall in the number of babies being born. Today we turn to two families who have decided to have a number of children that is way above the average of the country they live in. What is it like running a household with 16 kids, and how do you cope with rising prices?

Today is Holocaust Memorial Day - the remembrance of six million Jews killed by the Nazi regime. The 27th January marks the anniversary of the liberation of Auschwitz-Birkenau, the largest Nazi death camp. We hear what happened to Hannah Lewis, a Holocaust survivor who lives now in the UK. **WARNING:** You may find some details in Hannah's story upsetting.

(Photo: Congolese demonstrators hold placards denouncing the East African Community (EAC), which set up a regional military force last year to end rebel-driven unrest, within Goma in the North Kivu province of the Democratic Republic of Congo January 18, 2023. Credit: Djaffar Sabiti/Reuters)

**FRI 17:00 BBC News (w172ykqj700vgd7)**

The latest five minute news bulletin from BBC World Service.

**FRI 17:06 BBC OS (w172yg203hc8vr9)**

Tyre Nichols: Release of police beating video

Officials in the city of Memphis prepare to publish police bodycam video of officers carrying out a fatal attack on a black man they'd stopped for an alleged traffic offence. We speak to our correspondent following the story.

We speak to our colleagues from BBC Afrique and the BBC Great Lakes Service about the rising tensions between the Democratic Republic of Congo and its neighbouring country Rwanda. We also hear how the conflict between the Congolese government and the M23 rebels is affecting civilians.

We have been hearing from people in the countries experiencing a fall in the number of babies being born. Today we turn to two families who have decided to have a number of children that is way above the average of the country they live in. What is it like running a household with 16 kids, and how do you cope with rising prices?

Our correspondent tells us about the US congressman George Santos who is facing calls to step down following multiple alleged lies about various aspects.

Today is Holocaust memorial day and we hear from Vera Schaufeld, she is 92 years old and a Holocaust survivor from Czechoslovakia.

(Photo: People attend a candlelight vigil in memory of Tyre Nichols at the Tobey Skate Park on January 26, 2023 in Memphis, Tennessee. Scott Olson/Getty Images)

**FRI 18:00 BBC News (w172ykqj700v14c)**

The latest five minute news bulletin from BBC World Service.

**FRI 18:06 The Fifth Floor (w3ct380g)**

[Repeat of broadcast at 12:06 today]

**FRI 18:50 Witness History (w3ct3bxq)**

[Repeat of broadcast at 08:50 today]

**FRI 19:00 BBC News (w172ykqj700vpwh)**

The latest five minute news bulletin from BBC World Service.

**FRI 19:06 The Newsroom (w172yl84mdcv1hw)**

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

**FRI 19:30 BBC News Summary (w172ykrbnqmk24w)**

The latest two minute news summary from BBC World Service.

**FRI 19:32 Sport Today (w3ct4l5l)**

2023/01/27 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 (w172ykqj700vtmm)**

The latest five minute news bulletin from BBC World Service.

**FRI 20:06 Tech Tent (w3ct4kj2)**

[Repeat of broadcast at 09:32 today]

**FRI 20:30 BBC News Summary (w172ykrbnqmk5x0)**

The latest two minute news summary from BBC World Service.

**FRI 20:32 CrowdScience (w3ct3j84)**

Where does the sand in a desert come from?

From Lawrence of Arabia to Star Wars via tales of intrepid adventurers traversing lonely sandswept landscapes, deserts have always had a powerful pull on the popular imagination.

But if a desert is full of sand, where did all that sand come from in the first place? That's what CrowdScience listener Andy wants to know, so presenter Caroline Steel heads off into the dunes to try and find out.

Along the way she'll be wondering what a desert is anyway and whether it's always sandy, as well as tracing the flow of material across the huge, ever-shifting sand seas of the Sahara.

From deserts fed by sand from mountains thousands of kilometres away, to dunes migrating across the entire continent of Africa, we'll discover how sand has just the right properties to be carried along by the wind.

We'll also explore how the sand in every desert has a unique fingerprint, and find out how fish bones in the Sahara tell the story of its lush, green past.

Contributors:

Dr Jo Nield, University of Southampton

Dr Andreas Baas, Kings College London

Dr Andrea Zerboni, University of Milan

Presented by Caroline Steel

Produced by Ben Motley for the BBC World Service

[Image:

**FRI 21:00 BBC News (w172ykqj700vycr)**

The latest five minute news bulletin from BBC World Service.

**FRI 21:06 Newshour (w172yfcfb5syhb1)**

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

**FRI 22:00 BBC News (w172ykqj700w23w)**

The latest five minute news bulletin from BBC World Service.

**FRI 22:06 The Newsroom (w172yrx8rxqj25g)**

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

**FRI 22:20 Sports News (w172yghjk80j555)**

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

**FRI 22:30 BBC News Summary (w172ykrbnqmkfd8)**

The latest two minute news summary from BBC World Service.

**FRI 22:32 World Business Report (w3ct3fy9)**

First broadcast 27/01/2023 22:32 GMT

The latest business and finance news from around the world, on the BBC.

**FRI 23:00 BBC News (w172ykqj700w5w0)**

The latest five minute news bulletin from BBC World Service.

**FRI 23:06 HARDtalk (w3ct32h3)**

[Repeat of broadcast at 08:06 today]

**FRI 23:30 BBC News Summary (w172ykrbnqmkk4d)**

The latest two minute news summary from BBC World Service.

**FRI 23:32 World Football (w3ct3hrb)**

[Repeat of broadcast at 02:32 today]