

**SATURDAY 30 JULY 2022****SAT 00:00 BBC News (w172yqk59yn3y0k)**

The latest five minute news bulletin from BBC World Service.

**SAT 00:06 The Real Story (w3ct33p6)**

Bolsonaro v Lula: The race to lead Brazil

Brazilian President Jair Bolsonaro this week officially launched his campaign for a second term in office. The election in October will likely come down to a race between the right-wing populist leader and his main left-wing rival Luiz Inácio Lula da Silva. Lula has been president before but was barred from running in 2018 due to corruption convictions that have since been overturned by the courts. The incumbent is behind in the polls as the country is buffeted by global economic headwinds exacerbated by the Covid pandemic, which saw Brazil experience one of the highest rates of deaths in the world. So, which issues will decide the election and what impact will the result have on Brazil and the world?

Ritula Shah is joined by a panel of expert guests.  
Producers: Ellen Otzen and Paul Schuster

**SAT 01:00 BBC News (w172yqk59yn41rp)**

The latest five minute news bulletin from BBC World Service.

**SAT 01:06 Business Matters (w172ydpq19524I)**

Alibaba added to SEC's delisting watchlist

Alibaba Group Holding is among more than 270 Chinese companies listed in New York, identified as being at risk of being delisted under the Holding Foreign Companies Accountable Act (HFCAA). This is intended to address a long-running dispute over the auditing compliance of US listed Chinese firms.

In Ukraine, President Volodymyr Zelensky says the first grain ship from the country since Russia's invasion is ready and waiting for the signal to leave the port.

Europe's biggest economy - Germany has grounded to a halt, despite significant growth in France and Spain.

Instagram says it is pausing a rollout of new features on its app following an online backlash from users, including celebrities and influencers.

(The company now plans to add a primary listing in Hong Kong.  
Credit: Getty)

**SAT 02:00 BBC News (w172yqk59yn45ht)**

The latest five minute news bulletin from BBC World Service.

**SAT 02:06 The Newsroom (w172y17sqc03j46)**

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

**SAT 02:30 BBC News Summary (w172yqzrp7tjs6)**

The latest two minute news summary from BBC World Service.

**SAT 02:32 Stumped (w3ct370w)**

Lizelle Lee: Why I quit South Africa

Alison Mitchell, Jim Maxwell and Sunil Gupta are joined by the reigning One-Day international cricketer of the year, Lizelle Lee who explains why she chose to retire from international cricket in the middle of South Africa's tour of England. The 30 year old reveals failing a weight test was a significant factor in her decision and says Cricket South Africa threatened to deny her an NOC to participate in the T20 leagues around the world. Lee, who's shock decision means she misses out on the Commonwealth Games, also discusses whether cricketers need to look a certain way and if we should change the way we view fitness in cricket.

(You will also hear Cricket South Africa's right of reply, in response to Lizelle Lee's interview)

Lizelle Lee of the Stars prepares to bat during the Women's Big Bash League match between the Melbourne Stars and the Sydney Thunder at Horwall Oval on December 16, 2017 in Penrith, Australia. (Photo by Matt King/Getty Images)

**SAT 03:00 BBC News (w172yqk59yn497y)**

The latest five minute news bulletin from BBC World Service.

**SAT 03:06 The Fifth Floor (w3ct37zh)**

Iran's recent crackdown

Women in Iran have been sharing videos of themselves taking

off their hijabs in public in protest at the growing pressure regarding the mandatory headscarf. Meanwhile the Iranian parliament may soon approve a bill which will severely restrict pet ownership. Taraneh Stone of BBC Persian and Ali Hamedani discuss why the government seems to be enforcing stricter rules.

**Reporting Sri Lanka**

Sri Lanka has experienced months of turmoil with mass protests over the island's economic crisis, leading to the flight of President Gotabaya Rajapaksa earlier this month. His successor Ranil Wickremesinghe has imposed a state of emergency until mid-August. It's been one dramatic development after another for BBC Sinhala's Colombo-based reporters Ranga Srilal and Shirly Upul Kumara.

**A Nigerian world record**

This week Nigerian hurdler Tobi Amusan broke the world record in the women's 100m hurdles, and won the first ever gold medal for Nigeria at the World Athletics Championships. BBC Africa's Peter Okwoche tells us more about her, and what the win means to Nigerians.

**Drama Queen**

Drama Queen is a ground-breaking podcast series presented in Hindi and Urdu by the BBC's Samrah Fatima. It tells the stories of men and women who are accused of being 'drama queens' if they speak out about their struggles. Samrah explains why she wanted to tackle the deeply rooted social issues that are common to both India and Pakistan, and show how people have been able to forge new paths for themselves.

(Photo: A woman in Islamic dress walks past a shop window.  
Credit: Morteza Nikoubazi/ NurPhoto via Getty Images)

**SAT 03:50 Witness History (w3ct3bwr)**

The Leaflet Bomber

In 1971, young communist Bob Newland left the UK and headed to South Africa to take part in a secret mission to support the African National Congress. Known as one of the London Recruits, he took gunpowder from the UK to make bombs that would scatter leaflets on the streets containing information that a post Apartheid South Africa was possible. Bob has been speaking to Alex Collins.

**SAT 04:00 BBC News (w172yqk59yn4f02)**

The latest five minute news bulletin from BBC World Service.

**SAT 04:06 The Real Story (w3ct33p6)**

[Repeat of broadcast at 00:06 today]

**SAT 05:00 BBC News (w172yqk59yn4jr6)**

The latest five minute news bulletin from BBC World Service.

**SAT 05:06 The Newsroom (w172y17sqc03wcl)**

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

**SAT 05:30 BBC News Summary (w172yqzrp7tx0l)**

The latest two minute news summary from BBC World Service.

**SAT 05:32 Dear Daughter (w3ct42g8)**

Seize the day

"I never want to disappoint someone". The pitfalls of people-pleasing and not taking risks. Tatiana reflects on the fear of disappointing her parents and the downsides of following the crowd. She hopes her future daughter will be brave enough to take more risks in life.

Episode 9 letter writer: Tatiana

Listen online at [bbcworldservice.com/deardaughter](http://bbcworldservice.com/deardaughter)

**SAT 05:50 More or Less (w3ct3k4y)**

How our world measures up

Why do we measure the world around us in the way we do? There is a rich history to be explored - from measuring the depth of the Nile in Ancient Egypt to the central role the French played in developing the metric system and the ultra-precise measurement systems we use today. Presenter Tim Harford is joined by journalist and author James Vincent to discuss the political, social and technological factors that have influenced how we size up our world.

Presenter: Tim Harford

Producer: Jon Bithrey

Editor: Richard Vadon

Sound Engineer: Rod Farquhar

Production Co-ordinator: Brenda Brown

(tape measure / Getty Images)

**SAT 06:00 BBC News (w172yqk59yn4nhb)**

The latest five minute news bulletin from BBC World Service.

**SAT 06:06 Weekend (w172ykwj1yvqzv)**

Ukraine urges investigation of prison deaths

The United Nations and the Red Cross have been asked to investigate the deaths of more than 50 Ukrainian prisoners of war who were being held at a detention centre in the Russian occupied part of the Donetsk region.

Also in the programme: Dozens die in flooding in Kentucky and Pope Francis's historic trip to Canada comes to an end.

(Picture: The BBC has blurred some of this photograph showing the building after it was attacked. Credit: REUTERS/ALEXANDER ERMOCHENKO)

**SAT 07:00 BBC News (w172yqk59yn487g)**

The latest five minute news bulletin from BBC World Service.

**SAT 07:06 Weekend (w172ykwj1yvr3lp)**

Wait continues for Ukraine grain exports

The wait continues for the departure of ships laden with grain from two Ukrainian ports near the city of Odesa. On Friday, the Ukrainian government said 10 ships were ready to depart. This would be the first legal export of Ukrainian grain by sea since Russia's invasion in February.

Also in the programme: Remembering the deaths of dozens of Central American migrants in Texas last month and England women's footballers on the verge of an historic triumph.

(Picture: A Ukrainian serviceman stands in front of silos of grain in Odesa Black Sea port. Credit: REUTERS/Nacho Doce)

**SAT 08:00 BBC News (w172yqk59yn4wz1)**

The latest five minute news bulletin from BBC World Service.

**SAT 08:06 Weekend (w172ykwj1yvr7bt)**

Ukraine calls for inquiries into prisoner deaths

The Red Cross and the United Nations have been asked to investigate the deaths of more than 50 Ukrainian prisoners of war who were being held at a detention centre in the Russian occupied part of the Donetsk region. Ukraine's president, Volodymyr Zelensky, has described the killing as a war crime.

Also in the programme: More on floods in Kentucky and we hear from the World of Music, Arts and Dance festival in the UK.

(Picture: Pro-Russian troops drive tanks near a detention centre in the settlement of Olenivka, Ukraine. Credit: REUTERS/Alexander Ermochenko)

**SAT 08:30 BBC News Summary (w172yqzrp7v87z)**

The latest two minute news summary from BBC World Service.

**SAT 08:32 The Conversation (w3ct37m4)**

Searching for missing women

What would you do if a loved one went missing? Kim Chakanetsa talks to two women whose lives have been touched by a missing person's case, and now help other families find answers.

Dr Chung Pham is an anti-trafficking specialist from Vietnam. When she was a teenager, she stopped the initial abduction of a schoolmate, who was later trafficked into China. After relocating to the UK, Chung became an advocate for unaccompanied asylum-seeking children, often victims of trafficking or modern slavery. This inspired her to join Locate International, a charity helping relatives of missing people find their loved ones.

Dr Michelle Jeanis is an assistant professor in the Criminal Justice department at University of Louisiana at Lafayette. Her research focuses on the best practices to help locate people who disappear and on the media coverage of missing people's cases. She decided to study this topic after her friend's sister, Mickey Shunik, disappeared in 2012.

Produced by Alice Gioia

(Image: (L) Michelle Jeanis, credit Scarlett Davis. (R) Chung Pham, credit Hong Van.)

**SAT 09:00 BBC News (w172ykq59yn50qq)**

The latest five minute news bulletin from BBC World Service.

**SAT 09:06 BBC OS Conversations (w3ct417r)**

Wildfires

Parts of the world, such as Europe, have experienced record temperatures and, amid the heat, wildfires are burning. In the United States, there are several fires across large parts of the country. We bring together three specialist wildland firefighters to share what it's like to do one of the most dangerous jobs in the world.

Whitney Lindsay, in Texas, became a firefighter four years ago as part of a special program involving military veterans. Jonathon Golden in Utah retired in 2019 after firefighting for 12 years. Chris Ashby in Oregon is both a firefighter and a crew boss. They discuss with host James Reynolds the impact of climate change, the rewards and the strains of the profession.

"I think one of the parts that can be difficult as a firefighter is feeling like you're able to absorb all this stress and to navigate your home life for a period of time," says Chris. "But when it hits hard it hits hard and I experienced some mental health struggles a few years back. Don't be afraid to ask for help."

Unfortunately, for one of our guests, firefighters were not able to reach her home and business in Portugal. Sonia owns Clube Equestre A Palmeirinha, a horse riding school in the Algarve. That was lost to the flames but she saved all of her animals. We introduce her to Sabrina, who is currently in Oakhurst, Mariposa County, in California. The wildfire there is the largest in the state this year.

(Photo: Whitney Lindsay and her colleagues. Credit: Whitney Lindsay)

**SAT 09:30 BBC News Summary (w172ykqzrp7vd03)**

The latest two minute news summary from BBC World Service.

**SAT 09:32 Pick of the World (w3ct41x1)**

What advice would you pass on to your daughter?

Ghana's first Marburg outbreak, African cyclists in the Tour de France, iconic television moment from the past and advice you'd give your daughters are the stories that grabbed listeners this week.

**SAT 09:50 Over to You (w3ct35sh)**

Discovering the Large Hadron Collider

The Discovery programme recently returned to the Large Hadron Collider under the Swiss-French border, 10 years after the discovery of the Higgs Boson particle. But can you really make complex physics accessible to a general audience? The show's presenter and series producer Roland Pease answers your questions. Plus, how a simple Ukrainian piano Tweet by the BBC's Steve Rosenberg in Moscow captivated listeners.

Presenter: Rajan Datar.

Producer: Howard Shannon

A Whistledown production for BBC World Service

**SAT 10:00 BBC News (w172ykq59yn54gv)**

The latest five minute news bulletin from BBC World Service.

**SAT 10:06 Sportshour (w172yg8m3ct9s6q)**

Commonwealth Games

We are live at the Commonwealth Games where Katie Smith is joined by former GB 1500m runner Hannah England. They'll be sampling the atmosphere on the streets of Birmingham as the marathon takes place. We'll hear competing athletes from all over the world from Imranur Rahman, the fastest man in Bangladesh, and the volleyballers of Vanuatu.

Plus we preview the final of the Women's European football championships.

Photo: Commonwealth Games branding, including Perry the games mascot, is seen on buildings in the city centre of Birmingham. (Credit: PAUL ELLIS/AFP via Getty Images)

**SAT 11:00 BBC News (w172ykq59yn586z)**

The latest five minute news bulletin from BBC World Service.

**SAT 11:06 The Newsroom (w172yl7sqc04lvc)**

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

**SAT 11:30 BBC News Summary (w172ykqzrp7vmhc)**

The latest two minute news summary from BBC World Service.

**SAT 11:32 WorklifeIndia (w3ct3jcp)**

How is luxury fashion changing in India?

Traditionally, the luxury industry in India has used exclusivity as a way to maintain its mystique and desirability. But younger generations of luxury consumers are bringing in new trends. Attitudes are changing about what quality really means. Is it sustainable? Does it belong to an ethical brand? Is it a wholesome experience rather than just an expensive label to adorn?

In a market that is projected to cross \$200 billion by 2030, what is the new meaning of luxury? Is it more inclusive of the rural artisans that form one end of the supply chain? And is it expanding to newer luxury shoppers through affordable retail options available through online stores?

In this edition of WorklifeIndia, we discuss how luxury fashion is changing in India.

Presenter: Devina Gupta

Contributors: Anita Dongre, founder, House of Anita Dongre; Ritu Beri, founder, Ritu Beri Designs and The Luxury League; Rahul Mishra, fashion designer

**SAT 12:00 BBC News (w172ykq59yn5cz3)**

The latest five minute news bulletin from BBC World Service.

**SAT 12:06 The Documentary (w3ct43bt)**

The Bomb: Part four

It is 1949. British intelligence have both Klaus Fuchs and Ursula Kuczynski caught in their crosshairs. They put their top interrogator, Jim Skardon, on the case. Could this be the end for history's most dangerous spy?

Meanwhile, Fuchs is oblivious. He's left espionage behind, is focusing on academia and enjoying life in England, a country he has, despite everything, come to call his home. He's just been offered a potentially life-changing opportunity at the University of Leipzig, in communist East Germany.

Unfortunately for Fuchs, this provides the perfect excuse for Skardon to size him up.

Will Skardon get Fuchs to finally come clean? Will Fuchs reveal himself to his closest friends, the Peierls, who took him in and trusted him enough to let him stay under their roof, all whilst he was slipping nuclear secrets to the Soviet Union? Or will he remain loyal to the cause, and die with his lies?

Presenter Rosa Ellis grew up hearing stories about her great aunt, Ursula Kuczynski, aka Agent Sonya, Klaus Fuchs' handler. Their partnership changed the course of history and set the stage for today's nuclear threat

As Fuchs' double life draws to a close, Rosa wants to know what the fallout of this human chain reaction was, and how Fuchs and Ursula's actions are still affecting us today.

**SAT 13:00 BBC News (w172ykq59yn5hq7)**

The latest five minute news bulletin from BBC World Service.

**SAT 13:06 Newshour (w172yfc2f4f81nj)**

Sri Lankan cardinal says new president has no legitimacy

Sri Lankan cardinal says new president has no legitimacy, we speak to an MP and former minister; the Syrian ship that docked in Lebanon which Ukraine claims is full of stolen grain and why is Spain's PM telling men to ditch their ties at work?

(Photo: Ranil Wickremesinghe sworn in as the new President of Sri Lanka; Credit: EPA-EFE/REX/Shutterstock)

**SAT 14:00 BBC News (w172ykq59yn5mgc)**

The latest five minute news bulletin from BBC World Service.

**SAT 14:06 Sportsworld (w172ygtjv69h4)**

Live sport from around the world with news, interviews and analysis.

**SAT 18:00 BBC News (w172ykq59yn63fw)**

The latest five minute news bulletin from BBC World Service.

**SAT 18:06 The Newsroom (w172yl7sqc05g28)**

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

**SAT 18:30 BBC News Summary (w172ykqzrp7wgg8)**

The latest two minute news summary from BBC World Service.

**SAT 18:32 Dear Daughter (w3ct42g8)**

[Repeat of broadcast at 05:32 today]

**SAT 18:50 Sporting Witness (w3ct36ft)**

The first Women's Euros

Between 1982 and 1984, UEFA held the first European Competition for Women's Football. 16 teams battled it out across Europe.

The final was between Sweden and England.

Rachel Naylor speaks to the Swedish captain Anette Börjesson.

(Photo: Anette Börjesson (left) shakes hands with England captain Carol Thomas before the second leg of the 1984 final in Luton. Credit: Empics/Peter Robinson)

**SAT 19:00 BBC News (w172ykq59yn6760)**

The latest five minute news bulletin from BBC World Service.

**SAT 19:06 BBC Proms on the World Service (w3ct43bv)**

Music for Royal Occasions

In the Queen's Platinum Jubilee year the BBC Concert Orchestra and BBC Singers present a celebration of music and royalty in all its splendour: from the music of the Tudor court to the 21st century, by way of Handel's majestic Coronation Anthem, Elgar's ever-popular Pomp and Circumstance March, choral music by the current Master of the Queen's Music Judith Weir and a specially commissioned new work by Cheryl Frances-Hoad.

Andrew McGregor and music historian Berta Joncus introduce this Prom from the Royal Albert Hall in London.

Broadcast programme:

Arthur Bliss - Jubilant Fanfare

George Frideric Handel - Zadok the Priest

King Henry VIII of England - Pastime with good company

John Ireland - Epic March

Judith Weir - I love all beautiful things

Cheryl Frances-Hoad - 'Your Servant, Elizabeth'

Edward Elgar - Pomp and Circumstance March No. 4

BBC Singers

BBC Concert Orchestra

Barry Wordsworth - conductor

(Photo: BBC Singers, BBC Concert Orchestra and conductor Barry Wordsworth performing at BBC Proms 2022. Credit: C.Christodoulou/BBC)

**SAT 20:00 BBC News (w172ykq59yn6y4)**

The latest five minute news bulletin from BBC World Service.

**SAT 20:06 The Arts Hour (w3ct390f)**

Rowan Atkinson on his search for perfection

On The Arts Hour this week, we hear from Rowan Atkinson on his Netflix series Man vs Bee.

Supermodel Kate Moss discusses her early career and Indian film director Aparna Sen discusses her long career

Fashion designer Jean-Paul Gaultier talks about the importance of pockets plus there's the Editor of British Vogue Edward Ennifin and some French Canadian music by Quebecois band, Le Vent du Nord.

Nikki Bedi's guests are South African fashion designer Sindiso Khumalo and the critic Karen Krizanovich.

(Photo: Rowan Atkinson. Credit: Dave J Hogan/Getty Images)

**SAT 21:00 BBC News (w172ykq59yn6gp8)**

The latest five minute news bulletin from BBC World Service.

**SAT 21:06 Newshour (w172yfc2f4f90mk)**

Iraqi protestors storm parliament

Thousands of supporters of the Iraqi Shi'ite cleric Moqtada al-Sadr have stormed Baghdad's fortified government zone and broke into parliament, for the second time in a week, leaving at least 125 people injured and escalating a political stand-off.

Also in the programme, a Sri Lankan cardinal says the new president has no legitimacy. And Pope Francis has said the time

may come when he needs to consider stepping down.

(Picture: Supporters of cleric Moqtada Sadr gather inside Iraq's parliament, July 30, 2022. Picture credit: Getty Images)

**SAT 22:00 BBC News (w172ykq59yn6lfd)**

The latest five minute news bulletin from BBC World Service.

**SAT 22:06 Music Life (w3ct30k5)**

Don't underestimate boredom, with FINNEAS, Maggie Rogers, Sigrid and Röyksopp's Svein Berge

FINNEAS, Maggie Rogers, Sigrid and Röyksopp's Svein Berge discuss sticking to one musical identity, how making songs is like preparing a meal, and how to navigate other people's expectations of their music.

Sigrid began playing the piano aged seven. She's released two studio albums, including 2022's How To Let Go, and is currently one of the most essential names in pop. Viral folk-pop sensation Maggie Rogers is a multi-instrumentalist from Maryland, USA, whose music combines Folk, RnB, and electronic sounds. FINNEAS is probably best known for his work with his sister Billie Eilish. In a short career he's already won 8 Grammys, co-written an Oscar winning James Bond theme and released his debut solo album in 2021. Svein Berge is one half of iconic Norwegian Electro-pop duo Röyksopp. They've released six studio albums of boundary-pushing music over a 24-year career.

**SAT 23:00 BBC News (w172ykq59yn6q5j)**

The latest five minute news bulletin from BBC World Service.

**SAT 23:06 The Newsroom (w172yrwxvbxq73)**

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

**SAT 23:20 Sports News (w172ygh5n6mvt6t)**

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

**SAT 23:30 BBC News Summary (w172ykqzrp7x2fx)**

The latest two minute news summary from BBC World Service.

**SAT 23:32 The Cultural Frontline (w3ct37rq)**

Classical musicians in war and exile

How is the art musicians create affected by war or displacement from their homelands for other reasons?

We hear from classical musicians performing while their home is under fire, or whose whole approach to their art is changing because of their exile - including the Ukrainian Freedom Orchestra, which was created in response to the war in Ukraine.

Venezuelan choir director Ana Vanessa Marvez talks about passing on her country's musical skills to fellow migrants in Chile

We also hear from Syrian viola player Raghad Haddad who has discovered artistic liberation alongside the loss and pain of exile.

Presenter: Tina Daheley

Producers: Paul Waters & Kevin Satizabal Carrascal

Reporter: Anna Bailey

(Photo: The Ukrainian Freedom Orchestra)

**SUNDAY 31 JULY 2022**

**SUN 00:00 BBC News (w172ykq59yn6txn)**

The latest five minute news bulletin from BBC World Service.

**SUN 00:06 BBC OS Conversations (w3ct417r)**

[Repeat of broadcast at 09:06 on Saturday]

**SUN 00:30 BBC News Summary (w172ykqzrp7x661)**

The latest two minute news summary from BBC World Service.

**SUN 00:32 Dear Daughter (w3ct42g8)**

[Repeat of broadcast at 05:32 on Saturday]

**SUN 00:50 More or Less (w3ct3k4y)**

[Repeat of broadcast at 05:50 on Saturday]

**SUN 01:00 BBC News (w172ykq59yn6yns)**

The latest five minute news bulletin from BBC World Service.

**SUN 01:06 The Science Hour (w3ct39zg)**

The first galaxies at the universe's dawn

In the last week, teams of astronomers have rushed to report ever deeper views of the universe thanks to the James Webb Space Telescope. These are galaxies of stars more than 13.5 billion light years from us and we see them as they were when the universe was in its infancy, less than 300 million years after the Big Bang. As University of Texas astronomer Steve Finkelstein tell us, there are some real surprises in these glimpses of the cosmic dawn. The super-distant galaxy that Steve's group has identified is named after his daughter Maisie.

Also in the programme: a 550 million year old fossil which is much the oldest representative of a large group of animals still with us today. The early jellyfish relative lived at a time known as the Ediacaran period when all other known complex organisms were weird, alien-looking lifeforms with no surviving descendants. Roland Pease talks palaeontologist Frankie Dunn at the University of Oxford who's led the study of Auroralumina attenboroughii.

Did the cultural invention of romantic kissing five thousand years ago lead to the spread of today's dominant strain of the cold sore virus (Herpes simplex 1) across Europe and Asia? That's the hypothesis of a team of virologists and ancient DNA experts who've been studying viral DNA remnants extracted from four very old teeth. Cambridge University's Charlotte Houldcroft explains the reasoning.

And, if a tree falls in a forest and no-one is there to hear it, does it make a sound? This is an age-old debate that listener Richard and his family have been arguing about for years. Can CrowdScience settle it once and for all?

Caroline Steel speaks to experts in hearing, biology, philosophy, physics and sound design, which takes her to some unexpected places.

Professor Stefan Bleek is an expert in psychoacoustics who says that sounds only exist in our heads.

Dr Eleanor Knox and Dr Bryan Roberts are philosophers that make her question if anything exists outside our own perception. Professor Lilach Hadany wonders if it's limited to humans and animals - could other plants hear the falling tree too?

And Mat Eric Hart is a sound designer who says that sound is subjective - it's always tangled up with our own interpretations.

Things get truly weird as we delve into the strange implications of quantum physics. If there is such a thing as reality, doesn't it change when we're there to observe it? Does the tree even fall if we aren't there?

Image: Maisie's Galaxy aka CEERSJ141946.35-525632.8.

Credit: CEERS Collaboration

**SUN 02:00 BBC News (w172ykq59yn72dx)**

The latest five minute news bulletin from BBC World Service.

**SUN 02:06 The Newsroom (w172yl7sq06f19)**

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

**SUN 02:30 BBC News Summary (w172ykqzrp7x1p9)**

The latest two minute news summary from BBC World Service.

**SUN 02:32 Health Check (w3ct32wp)**

Pure kindness

What can the latest research tell us about whether there is any such thing as pure kindness? Claudia Hammond meets a man who has done an exceptionally altruistic act for someone who was seriously ill. What prompts acts of kindness like this? Specialists from the fields of psychology and neuroscience unpick the evidence.

Producer: Geraldine Fitzgerald

**SUN 03:00 BBC News (w172ykq59yn7651)**

The latest five minute news bulletin from BBC World Service.

**SUN 03:06 The Documentary (w3ct43bt)**

[Repeat of broadcast at 12:06 on Saturday]

**SUN 04:00 BBC News (w172ykq59yn79x5)**

The latest five minute news bulletin from BBC World Service.

**SUN 04:06 From Our Own Correspondent (w3ct329m)**

Changing views of a changing planet

Max Pearson introduces stories of climate change and climate science during the last 35 years - as well as dispatches from Saudi Arabia, Sri Lanka's kitchen gardens and an arduous cycle race in the Italian Alps.

Roger Harrabin has been reporting on the science and the politics of climate change for nearly 35 years - and since he first heard the phrase 'global warming' back in the late 1980s, the world's attention has been drawn to the dramatic effects of 'weird weather' and the consequences for the planet. Before leaving the BBC, he left us some reflections which take the long view - of how we're now talking about the problem, and what chance humanity may have to solve it.

Saudi Arabia is hurtling into the future, hoping to remake its image both abroad and at home. While the cities of Qatif and Jeddah are being extensively (and expensively) remodelled, some artists and other residents have questions about whether priceless heritage is being lost. Sebastian Usher explores how the Kingdom is changing, and the ways some things remain the same.

Sri Lankan families are having to tighten their belts as the economic collapse which has ravaged the country in recent months has ruined household budgets. The government is encouraging people to grow more of their own food to fill the gap, as imports dry up and salaries become stretched. Aanya Wipulasena has turned her hand to creating her own kitchen garden in Colombo, with some success - though carrots are proving an impossible task.

And as Europe's summer sporting calendar begins to fill back up again, after two years of Covid lockdowns and isolation measures, Dominic Casciani gets back into his cycling shorts to rejoin the competitors in Italy's Maratona delle Dolomiti. Its route snakes nearly 140 km through the vertiginous Italian Alps - and it can be a frightening as well as exhausting prospect for the racers. Still, there was delicious food, great camaraderie and sporting history to savour along the way.

Producer: Polly Hope

Production Co-Ordinator: Gemma Ashman

(Image: Solar farm in India. Credit: Abhishek Chinnappa/Getty Images)

**SUN 04:30 BBC News Summary (w172ykqzrp7xp5k)**

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**SUN 04:32 The Cultural Frontline (w3ct37rq)**

[Repeat of broadcast at 23:32 on Saturday]

**SUN 05:00 BBC News (w172ykq59yn7fn9)**

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**SUN 05:06 The Newsroom (w172yl7sq06s8p)**

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**SUN 05:30 BBC News Summary (w172ykqzrp7xssp)**

The latest two minute news summary from BBC World Service.

**SUN 05:32 The Documentary (w3ct43cx)**

Birmingham's grassroots heroes

The 2022 Commonwealth Games is being hosted by the UK's central city of Birmingham - ethnically diverse and where the age profile is younger compared to other British cities. It is home to many people with familial links to commonwealth member countries such as India and the Caribbean. As Birmingham welcomes 4,500 athletes from around the world, Nina Robinson talks to the city's 'Hometown Heroes' - locals who have been recognised for their contribution to sport. These include wrestling coach, Ranjit Singh who has been teaching wrestling from his local Sikh Gurdwara for decades and Joan Hunter who has helped grow many generations of local netball players.

We also meet Jeevan Chaggar - the youngest person ever to be made Chair of an English Hockey Club and Salma Bi who founded the UK's first South Asian women's cricket team in the UK and has received the British Empire Medal for services to cricket and diversity in sport. Will the Games leave a positive legacy worth keeping and how much relevance does the commonwealth as an institution hold for residents in 2022?

Presenter: Nina Robinson

Researcher: Dylan Hayward.

A Soundtruism production for BBC World Service

**SUN 06:00 BBC News (w172ykq59n7kdf)**

The latest five minute news bulletin from BBC World Service.

**SUN 06:06 Weekend (w172ykwj1yvtwrn)**

Death toll rises in Kentucky floods

The US state of Kentucky has been hit by its worst floods in decades. President Biden has declared it a major disaster.

Also in the programme: Volodymyr Zelensky has called for Donetsk's residents to be evacuated and the 50th anniversary of Idi Amin's expulsion of Uganda's South Asian community.

(Picture: Kentucky National Guard helicopter crew members carry a flood victim. Credit: U.S. Army National Guard/Handout via REUTERS)

**SUN 07:00 BBC News (w172ykq59n7p4k)**

The latest five minute news bulletin from BBC World Service.

**SUN 07:06 Weekend (w172ykwj1yvv0hs)**

Zelensky calls for Donetsk evacuation

Ukraine's President Volodymyr Zelensky has called on residents of the eastern region of Donetsk to evacuate as soon as possible. There has been fierce fighting between Ukrainian and Russian forces in recent weeks.

Also in the programme: Calls for Egypt to release political prisoners ahead of climate summit and we look at the lives of women and girls in Afghanistan since the Taliban takeover.

(Picture: Russia is continuing to target areas of Donetsk region still under Ukrainian control. Credit: Reuters)

**SUN 08:00 BBC News (w172ykq59n7swp)**

The latest five minute news bulletin from BBC World Service.

**SUN 08:06 Weekend (w172ykwj1yvv47x)**

Zelensky orders civilian evacuation of Donetsk

Ukraine's President Volodymyr Zelensky has called on residents of the eastern region of Donetsk to evacuate as soon as possible. In recent weeks, the area has seen some of the fiercest fighting between Ukrainian and Russian forces.

Also in the programme: The US state of Kansas prepares to vote on stricter abortion laws and in football, Germany takes on England in European championship finals.

(Picture: Aftermath of a Russian missile strike in Bakhmut, Donetsk region, Ukraine. Credit: Press service of the State Emergency Service of Ukraine/Handout via REUTERS)

**SUN 08:30 BBC News Summary (w172yqzrp7y552)**

The latest two minute news summary from BBC World Service.

**SUN 08:32 The Food Chain (w3ct38n4)**

Fuelling a female footballer

Good quality nutrition is key to sporting success. But while plenty of research exists on the impact of nutrition on performance, most of it has been done on male athletes. That's despite female athletes now making up nearly 50% of participants in professional sport.

In the case of female footballers, research shows they could be consuming only half the carbohydrates they need. Not eating enough – or under-fuelling – as it's known in footballing circles – is thought to be endemic in the women's game. Experts believe much of that is down to a lack of available information.

As the Women's Euros 2022 tournament raises the profile of women's football around the world, Ruth Alexander explores what it takes to fuel a female footballer and how focusing on the particular nutritional needs of sportswomen could make a huge difference to performance. She speaks to professional footballer, Ode Folutudilu, a forward for the South Africa women's national team, Aimee O'Keefe, performance nutritionist at Manchester United Women, Dr José Areta, lecturer in sports nutrition at Liverpool John Moore's University in the UK, and Abbie Smith-Ryan, exercise physiologist and sports nutrition researcher at the University of North Carolina in the US.

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

(Picture: Two women playing football in an arena. Credit: Getty Images/BBC)

Producer: Elisabeth Mahy

The deadline for nominations for the award referenced at the end of this podcast has been extended to 23:00 GMT on Thursday 18th August 2022.

\*Page updated 28 July 2022 due to entry window extension.

**SUN 09:00 BBC News (w172ykq59n7xmt)**

The latest five minute news bulletin from BBC World Service.

**SUN 09:06 From Our Own Correspondent (w3ct329m)**

[Repeat of broadcast at 04:06 today]

**SUN 09:30 BBC News Summary (w172yqzrp7y8x6)**

The latest two minute news summary from BBC World Service.

**SUN 09:32 Outlook (w3ct41dr)**

A musician embraces life after recording through grief

Acclaimed independent musician Phil Elverum lost his wife, the musician and cartoonist Genevieve Castrée, to cancer just over a year after the birth of their daughter. Grieving, he used her guitar and bass to record an album in the room where she'd died. Phil tells Danny Greenwald that at first, he couldn't bear the thought of anyone else hearing the music he'd made and worried people would be angry. Now the album, *A Crow Looked at Me*, has won praise - and brought comfort to others experiencing loss.

Presenter: Danny Greenwald

Producer: Danny Greenwald and Laura Thomas

Photo: Phil Elverum. Credit: Getty Images

**SUN 10:00 BBC News (w172ykq59n81cy)**

The latest five minute news bulletin from BBC World Service.

**SUN 10:06 Trending (w3ct43d6)**

QAnon at the ballot box

Believers in the QAnon conspiracy theory were part of the mob that stormed the US Capitol on 6 January 2021. Even though the movement's figurehead went silent for months, followers continue to try to influence American politics – but their tactics have changed. Members of a coalition assembled by a QAnon influencer are running for public office in more than a dozen states, targeting positions that control elections. Among them are Jim Marchant, a Republican candidate for secretary of state of Nevada, and Doug Mastriano, who won a fierce primary battle to win the Republican nomination for governor of Pennsylvania. They're both part of the America First Secretary of State (SOS) Coalition, a group that was founded by a mysterious QAnon influencer who operates under the pseudonym "Juan O Savin".

We investigate what the coalition trying to do – and what influence QAnon still has on American politics today.

Presenter: Mike Wendling

Producer: Sam Judah

Picture caption: Jake Angeli (left), the so-called "QAnon Shaman", pictured at a rally in Washington in December 2020. Picture credit: Getty Images

**SUN 10:30 BBC News Summary (w172yqzrp7ydnb)**

The latest two minute news summary from BBC World Service.

**SUN 10:32 Heart and Soul (w3ct423k)**

The Deadly Sacrifice at Hawkes Bay

In February 1983, a group of 42 Shia devotees left a quiet village in the Chakwal district of Pakistan and embarked on an epic journey to Karbala in Iraq. This was no ordinary pilgrimage but had been ordained by Mahdi, the last spiritual leader or Imam of Shia faith. His instructions were communicated to the faithful in miraculous messages channeled through an 18 year old woman.

The caravan left in two trucks on the 1300 kilometre journey to the port city of Karachi where they were to cross the Arabian Sea for Iraq. What happened next is a story of extreme sacrifice in the name of the Shia Islamic faith and would result in the deaths of 18 men, women and children.

In this programme reporter Shumaila Jaffery returns to their village before she travels to Hawkes Bay to discover what really happened on that moonlit night four decades ago. She tracks down survivors to explore if what the sacrifice of the devoted may tell us about Shia Islam today, asks, 'could something like this ever happen again?'

**SUN 11:00 BBC News (w172ykq59n8542)**

The latest five minute news bulletin from BBC World Service.

**SUN 11:06 The Newsroom (w172y17sqc07hrq)**

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

**SUN 11:30 BBC News Summary (w172yqzrp7yjdq)**

The latest two minute news summary from BBC World Service.

**SUN 11:32 The Compass (w3ct42ld)**

The Reclaimers

The reclaimers: Into the valley

Travelling from Lusaka to the Gwembe Valley and then on to Kabwe, Kema Sikazwe hears from people living in communities where artefacts were taken.

In the shadow of the Kariba Dam, Kema meets people who were forced from their land when the valley was flooded who explain how promises made at the time have not been kept.

Finally, at the lead-mining site where the Broken Hill Skull was discovered in Kabwe 1921, Kema meets former workers who describe how their homes remain contaminated, more than 25 years on, the UN estimates they are among 300,000 people living on toxic ground.

Producer: Andy Jones and Will Sadler

A Radio Film production for BBC World Service

(Photo: Kema Sikawaze stands next to the Broken Hill man skull. Credit: Radio Film)

**SUN 12:00 BBC News (w172ykq59n88w6)**

The latest five minute news bulletin from BBC World Service.

**SUN 12:06 BBC Proms on the World Service (w3ct43bv)**

[Repeat of broadcast at 19:06 on Saturday]

**SUN 13:00 BBC News (w172ykq59n8dmb)**

The latest five minute news bulletin from BBC World Service.

**SUN 13:06 Newshour (w172yfc2f4fbykm)**

Ukraine grain tycoon killed in Russian shelling

One of Ukraine's richest businessmen has been killed with his wife in 'massive' Russian shelling of the southern city of Mykolaiv.

Also on the programme, a Nigerian street trader in Italy was killed in broad daylight and in front of filming bystanders. And England take on Germany in the women's European Championship final, a chance for a first international win for any English soccer team since the 1966 World Cup.

(Photo: NIBULON)

**SUN 14:00 BBC News (w172ykq59n8jcg)**

The latest five minute news bulletin from BBC World Service.

**SUN 14:06 The Forum (w3ct38sn)**

Eleonora Duse: The first great modern actress

Eleonora Duse was an actress ahead of her time. As a performer in the late 19th century when elaborate gestures, exotic costumes and lavish decors were the norm, Eleonora Duse stunned audiences with her truthfulness and intense absorption in the characters she played. She wore no make-up, you could see her blush or turn pale, she was a master of subtle body language and vocal modulation, and her aim was to eliminate the self and become her characters. Today she is often credited with having inspired modern acting, and the Russian theatre director Stanislavsky saw her as the perfect actress, and was greatly influenced by her when he created his acting method. Born in 1858 in what is now northern Italy, Eleonora Duse started acting at the age of four years old with her family's touring theatre troupe. By her twenties, working as both a theatre manager and a performer, she began to achieve worldwide popularity, travelling all over the world, from South America to Russia to Egypt. She was soon acknowledged as one of the greatest actresses of her generation and her independent lifestyle turned her into an early feminist icon. So what was the secret of her genius and why is she largely forgotten today? And with no recordings of her voice, how do we know she was such a great performer?

Joining Bridget Kendall is Dr Anna Sica, Professor of Theatre at the University of Palermo in Italy, author of *The Murray Edwards Duse Collection*, and *D'Amore e D'Arte*, the letters written to Duse from her Russian lover Alexander Wolkoff, soon to be published in English. Professor Paul Fryer, the co-editor of an essay collection on Eleonora Duse and Cenere (Cenere is the Italian word for Ashes, the title of the silent film

Duse made in 1916, and the only record of Duse actually performing). Paul Fryer also directs the Stanislavsky research centre at the University of Leeds. And Dr Enza de Francisci, lecturer in Translation studies at the University of Glasgow, who specialises in the critical reception of Duse's plays, and is the author of A 'New' Woman in Verga and Pirandello: From Page to Stage.

The reader is Cecilia Gragnani.

Produced by Anne Khazam for the BBC World Service.

(Photo: Eleonora Duse in "Lady of the Camellias" by Alexandru Dumas Fils. Credit: ullstein bild/ullstein bild via Getty Images)

**SUN 14:50 Over to You (w3ct35sh)**  
[Repeat of broadcast at 09:50 on Saturday]

**SUN 15:00 BBC News (w172ykq59yn8n3l)**  
The latest five minute news bulletin from BBC World Service.

**SUN 15:06 Music Life (w3ct30k5)**  
[Repeat of broadcast at 22:06 on Saturday]

**SUN 16:00 BBC News (w172ykq59yn8rvq)**  
The latest five minute news bulletin from BBC World Service.

**SUN 16:06 Sportsworld (w172ygtjny9fwh)**  
Live sport from around the world with news, interviews and analysis.

**SUN 17:00 BBC News (w172ykq59yn8wlv)**  
The latest five minute news bulletin from BBC World Service.

**SUN 17:06 The Documentary (w3ct43bt)**  
[Repeat of broadcast at 12:06 on Saturday]

**SUN 18:00 BBC News (w172ykq59yn90bz)**  
The latest five minute news bulletin from BBC World Service.

**SUN 18:06 Trending (w3ct43d6)**  
[Repeat of broadcast at 10:06 today]

**SUN 18:30 BBC News Summary (w172yqzrp7zcmc)**  
The latest two minute news summary from BBC World Service.

**SUN 18:32 Pick of the World (w3ct41x1)**  
[Repeat of broadcast at 09:32 on Saturday]

**SUN 18:50 Over to You (w3ct35sh)**  
[Repeat of broadcast at 09:50 on Saturday]

**SUN 19:00 BBC News (w172ykq59yn9433)**  
The latest five minute news bulletin from BBC World Service.

**SUN 19:06 The Newsroom (w172yl7sqc08gqh)**  
The world's Newsroom brings you global events as they happen

**SUN 19:30 BBC News Summary (w172yqzrp7zhch)**  
The latest two minute news summary from BBC World Service.

**SUN 19:32 Outlook (w3ct41dr)**  
[Repeat of broadcast at 09:32 today]

**SUN 20:00 BBC News (w172ykq59yn97v7)**  
The latest five minute news bulletin from BBC World Service.

**SUN 20:06 The History Hour (w3ct39lh)**  
The Revolution on Granite

A student protest in Ukraine, the Surkov leaks, the world's deadliest ever earthquake, a leaflet bomber in South Africa and the invention of the nicotine patch.

(Photo: Oksana Zabuzhko wearing a red jumper at the Revolution on Granite in 1990)

**SUN 21:00 BBC News (w172ykq59yn9clc)**  
The latest five minute news bulletin from BBC World Service.

**SUN 21:06 Newshour (w172yfc2f4cxcjn)**  
Ukraine grain tycoon killed in Russian shelling of Mykolaiv

Ukraine's president, Volodymyr Zelensky, has described the killing of one of the country's richest businessmen as a great loss. Oleksiy Vadatursky and his wife, Raisa, died when a Russian missile hit their home in the southern city of Mykolaiv.

Also in the programme, England have won their first major women's tournament in the Euro 2022 final against old rivals and eight-time champions Germany.

(Photo: NIBULON)

**SUN 22:00 BBC News (w172ykq59yn9hbh)**  
The latest five minute news bulletin from BBC World Service.

**SUN 22:06 Trending (w3ct43d6)**  
[Repeat of broadcast at 10:06 today]

**SUN 22:30 BBC News Summary (w172yqzrp7zvlw)**  
The latest two minute news summary from BBC World Service.

**SUN 22:32 Pick of the World (w3ct41x1)**  
[Repeat of broadcast at 09:32 on Saturday]

**SUN 22:50 Over to You (w3ct35sh)**  
[Repeat of broadcast at 09:50 on Saturday]

**SUN 23:00 BBC News (w172ykq59yn9m2m)**  
The latest five minute news bulletin from BBC World Service.

**SUN 23:06 The Newsroom (w172yrxwvc0m46)**  
The world's Newsroom brings you global events as they happen

**SUN 23:20 Sports News (w172ygh5n6myq3x)**  
BBC Sport brings you all the latest stories and results from around the world.

**SUN 23:30 BBC News Summary (w172yqzrp7zcc0)**  
The latest two minute news summary from BBC World Service.

**SUN 23:32 Outlook (w3ct41dr)**  
[Repeat of broadcast at 09:32 today]

## MONDAY 01 AUGUST 2022

**MON 00:00 BBC News (w172ykq59yn9qtr)**  
The latest five minute news bulletin from BBC World Service.

**MON 00:06 From Our Own Correspondent (w3ct329m)**  
[Repeat of broadcast at 04:06 on Sunday]

**MON 00:30 BBC News Summary (w172yqzrp80334)**  
The latest two minute news summary from BBC World Service.

**MON 00:32 Heart and Soul (w3ct423k)**  
[Repeat of broadcast at 10:32 on Sunday]

**MON 01:00 BBC News (w172ykq59p6fpy1)**  
The latest five minute news bulletin from BBC World Service.

**MON 01:06 The Newsroom (w172yl7t2m9f1gf)**  
The world's Newsroom brings you global events as they happen

**MON 01:30 BBC News Summary (w172ykr03yk423f)**  
The latest two minute news summary from BBC World Service.

**MON 01:32 Discovery (w3ct30bn)**  
Plant based promises, rise of the plant based burger

In Plant Based Promises, foodie, researcher and broadcaster Giles Yeo looks at the science behind plant based diets and the increasing number of plant based products appearing in supermarkets and restaurants. The market for plant based products could be worth \$162 billion in the next ten years and Giles asks how sustainable and healthy the products are and the role they play in decreasing the world's carbon footprint.

Globally food production accounts for about 30% of

greenhouse gases. In the UK we eat over six times the amount of meat and more than twice the amount of dairy products recommended to prevent the global temperature increasing more than 1.5 degrees C, after which extreme weather events become more severe. But eating less meat and dairy means new protein sources from plants are needed and how easy or practical is it for people to change their diets? Veganuary, where people pledge to go vegan for the month of January show that people are willing to change what they eat for a variety of reasons including animal welfare, sustainability and health.

In programme one Giles, an expert on food intake looks at some of the foods being developed to replace animal based foods and looks at alternatives to the iconic cheeseburger. Giles meets biochemist Professor Pat Brown founder of Impossible Burgers, a Silicon Valley start up making burgers from genetically modified yeast to replicate the taste of meat.

But from high tech to the artisanal, sisters Rachel and Charlotte Stevens missed eating cheese so much they are now making cheese alternatives using traditional moulds, cultures and aging techniques while replacing dairy ingredients with nuts.

**MON 02:00 BBC News (w172ykq59p6fyt15)**  
The latest five minute news bulletin from BBC World Service.

**MON 02:06 The Newsroom (w172yl7t2m9f56k)**  
The world's Newsroom brings you global events as they happen

**MON 02:30 BBC News Summary (w172ykr03yk45vk)**  
The latest two minute news summary from BBC World Service.

**MON 02:32 The Climate Question (w3ct3kj7)**  
Are there any 'easy fixes' to climate change?

We know from The Climate Question back catalogue, solving climate change is a knotty problem which does not lend itself to quick fixes. But in this programme a panel of experts discuss whether there could be any easy wins on climate change such as putting solar panels across the Earth's deserts and changing what we eat.

Presenter Neal Razzell is joined by:

Rebekah Shirley - Director of Research, Data & Innovation at World Resources Institute (WRI) Africa,  
Peggy Liu - Director at Project Drawdown, Chair of JUCCEE Joint US-China Collaboration on Clean Energy (JUCCEE)  
Zeke Hausfather - Climate Scientist and author for Intergovernmental Panel on Climate Change (IPCC)

Producer: Serena Tarling  
Production support: Siobhan Reed and Helena Warwick-Cross  
Sound mix: James Beard  
Series producer: Alex Lewis  
Editor: Richard Fenton Smith

**MON 03:00 BBC News (w172ykq59p6fyb9)**  
The latest five minute news bulletin from BBC World Service.

**MON 03:06 Tech Tent (w3ct375d)**  
The battle over encrypted messaging

The head of WhatsApp signals the firm will resist efforts to weaken its encryption, as the UK and EU look to enact legislation that could compel firms to scan messages.

**MON 03:30 BBC News Summary (w172ykr03yk49lp)**  
The latest two minute news summary from BBC World Service.

**MON 03:32 Pick of the World (w3ct41x1)**  
[Repeat of broadcast at 09:32 on Saturday]

**MON 03:50 Over to You (w3ct35sh)**  
[Repeat of broadcast at 09:50 on Saturday]

**MON 04:00 BBC News (w172ykq59p6yg22f)**  
The latest five minute news bulletin from BBC World Service.

**MON 04:06 The Newsroom (w172yl7t2m9fdpt)**  
The world's Newsroom brings you global events as they happen

**MON 04:30 BBC News Summary (w172ykr03yk4fbt)**  
The latest two minute news summary from BBC World Service.

**MON 04:32 The Conversation (w3ct37m5)**

## Leaving my religion

When doubt creeps in about the faith you've grown up in and nobody will tolerate your questions, when you look at your life ahead mapped out by others and wonder where your ambitions fit - how do you step away? Kim Chakanetsa talks to two women from Tanzania and Scotland about leaving their religion.

Zara Kay grew up in Tanzania in a strict Muslim family. She faced disapproval when she chose not to wear a hijab, for moving abroad to study, and for her career as an IT engineer. But the abuse she received after expressing support for gay marriage exposed such hate in her community that she left the religion. On a recent trip to visit family in Tanzania she was arrested. She now lives in Sweden and works with an online organisation, Faithless Hijabi, supporting other former-Muslims.

Ali Millar was raised in a community of Jehovah's Witness in Scotland - spending Saturdays knocking on doors trying to convert people. As a teenager she struggled with trying to fit in at school and make friends while at the same time obeying the rules of her religion. Married young she wasn't allowed to follow the career she dreamed of. Realising her daughter would face the same restricted life, she walked out on the religion and hasn't seen her mother or sister since. Ali's book about her experience is called *The Last Days*.

Produced by Jane Thurlow

(Image: (L) Zara Kay, credit Andrew Bott Phototherapy. (R) Ali Millar, courtesy Ebury Press.)

**MON 05:00 BBC News (w172ykq5p6yg5tk)**

The latest five minute news bulletin from BBC World Service.

**MON 05:06 Newsday (w172yf8mg6xgtgz)**

England's Lionesses win Euro 2022

The Queen has led the tributes to England's Euro 2022 winners, sending a message of congratulations in which she called them "an inspiration".

The military government in Myanmar has announced that the leader of last year's coup, Min Aung Hliang, will head the country for a further six months.

And Sri Lanka begins nationwide fuel rationing.

**MON 06:00 BBC News (w172ykq5p6yg9kp)**

The latest five minute news bulletin from BBC World Service.

**MON 06:06 Newsday (w172yf8mg6xgy73)**

Myanmar extends emergency rule

The military government in Myanmar has announced that the leader of last year's coup, Min Aung Hliang, will head the country for a further six months. State media said the National Defence and Security Council extended the state of emergency to facilitate multi-party elections next year.

Ukraine's president, Volodymyr Zelensky, has described as a great loss the killing of the owner of one of the country's largest grain exporters. Oleksiy Vadatursky and his wife, Raisa, died when a Russian missile hit their home in the southern city of Mykolaiv.

And ecstatic reaction across England to the historic victory of their women's football team in the European championship. The Lionesses, as the team are called, beat Germany two-one thanks to an extra time goal from Chloe Kelly.

**MON 07:00 BBC News (w172ykq5p6ygf9t)**

The latest five minute news bulletin from BBC World Service.

**MON 07:06 Newsday (w172yf8mg6xh1z7)**

Myanmar's military ruler extends emergency rule

The military government in Myanmar has announced that the leader of last year's coup, Min Aung Hliang, will head the country for a further six months. State media said the National Defence and Security Council also extended the state of emergency to facilitate multi-party elections in August 2023.

Ecstatic reaction across England to the historic victory of their women's football team in the European championship. The Lionesses beat Germany two-one thanks to an extra time goal from Chloe Kelly.

And Sri Lanka's fuel rationing plan amid severe shortage.

**MON 08:00 BBC News (w172ykq5p6ygl1y)**

The latest five minute news bulletin from BBC World Service.

**MON 08:06 HARDtalk (w3ct1n5y)**

James Lovelock: The future of life on Earth

In an interview recorded in 2021, Stephen Sackur speaks to one of the past century's most influential environmentalists, James Lovelock. He introduced us to the Gaia hypothesis – the idea that our planet and all the life on it are part of one dynamic, self-regulating system. At the age of 101, Lovelock still had big thoughts about the future of life on Earth. Have we humans sown the seeds of our own destruction?

Audio for this episode updated on Monday 1st August 2022.

**MON 08:30 BBC News Summary (w172ykr03yk4xbb)**

The latest two minute news summary from BBC World Service.

**MON 08:32 Business Daily (w3ct30xh)**

A crisis in US rural healthcare

America's rural hospitals face an uncertain future. One in three are now at risk of closure as doctors and nurses quit, patients struggle to pay their medical bills and government covid subsidies stop.

We hear from the front line of one rural hospital in Luray, Virginia. Travis Clark, the hospital's president, and Dr David Lee explain the everyday challenges facing patients and staff.

Alan Morgan from the National Rural Health Association tells us why rural hospitals are struggling. Michael Cannon of the Cato Institute in Washington DC argues that rural hospitals should stop relying on subsidies and close their doors if they can't become more efficient.

Presenter and producer: Szu Ping Chan.

Image: Dr David Lee in the emergency room of Page Memorial Hospital in Luray, Virginia; Credit: BBC

**MON 08:50 Witness History (w3ct3bz1)**

Why Asians came to Uganda

In the early 20th century, South Asians migrated to Uganda in search of a better life. Jamie Govani's grandparents married in Gujarat, India, in the 1920s. They were excited by the economic prospects in Uganda so they moved there with their young family. Jamie told Ben Henderson how it was a wonderful place to grow up, but racial segregation lingered in the background, and things began to change after Ugandan independence in 1962.

(Picture of Jamie Govani's family in Uganda in the 1950s)

**MON 09:00 BBC News (w172ykq5p6ygmt2)**

The latest five minute news bulletin from BBC World Service.

**MON 09:06 The Climate Question (w3ct3kj7)**

[Repeat of broadcast at 02:32 today]

**MON 09:30 BBC News Summary (w172ykr03yk512g)**

The latest two minute news summary from BBC World Service.

**MON 09:32 CrowdScience (w3ct1pq5)**

If a tree falls in a forest does it make a sound?

If a tree falls in a forest, and no-one is there to hear it, does it make a sound? This is an age-old debate that listener Richard and his family have been arguing about for years. Can CrowdScience settle it once and for all?

Caroline Steel speaks to experts in hearing, biology, philosophy, physics and sound design, which takes her to some unexpected places.

Professor Stefan Bleek is an expert in psychoacoustics who says that sounds only exist in our heads.

Dr Eleanor Knox and Dr Bryan Roberts are philosophers that make her question if anything exists outside our own perception. Professor Lilach Hadany wonders if it's limited to humans and animals - could other plants hear the falling tree too?

And Mat Eric Hart is a sound designer who says that sound is subjective – it's always tangled up with our own interpretations.

Things get truly weird as we delve into the strange implications of quantum physics. If there is such a thing as reality, doesn't it change when we're there to observe it? Does the tree even fall if we aren't there?

Presenter: Caroline Steel

Producer: Anand Jagatia

(Image: Fallen Tree. Credit: Getty Images)

**MON 10:00 BBC News (w172ykq5p6ygs6k)**

The latest five minute news bulletin from BBC World Service.

**MON 10:06 The Cultural Frontline (w3ct37rq)**

[Repeat of broadcast at 23:32 on Saturday]

**MON 10:30 BBC News Summary (w172ykr03yk54l)**

The latest two minute news summary from BBC World Service.

**MON 10:32 Dear Daughter (w3ct42g8)**

[Repeat of broadcast at 05:32 on Saturday]

**MON 10:50 More or Less (w3ct3k4y)**

[Repeat of broadcast at 05:50 on Saturday]

**MON 11:00 BBC News (w172ykq5p6ygs9b)**

The latest five minute news bulletin from BBC World Service.

**MON 11:06 The Newsroom (w172y172m9g7xq)**

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

**MON 11:30 BBC News Summary (w172ykr03yk58kq)**

The latest two minute news summary from BBC World Service.

**MON 11:32 The Conversation (w3ct37m5)**

[Repeat of broadcast at 04:32 today]

**MON 12:00 BBC News (w172ykq5p6yh11g)**

The latest five minute news bulletin from BBC World Service.

**MON 12:06 Outlook (w3ct34nk)**

Crossing continents to find my parents

Tuy Gentry Buckner was born in during the Vietnam war in the 1970s. His birth mother left him at an orphanage hoping he would have a better life. Tuy contracted polio when he was three, which left him disabled. Life changed for him when he was adopted by an American couple and moved to California. He had a happy family life with them, but always dreamed of finding his birth mother. When he returned to Vietnam as a 20 year old, Tuy met someone who said: "I know your Mom." He tells Shaimaa Khalil about the unexpected journey that led him across the world to find his birth family, his roots and his identity. (This interview was first broadcast in 2018)

Get in touch: outlook@bbc.com

(Photo: Tuy Gentry Buckner as a little boy. Credit: Courtesy of Tuy Gentry Buckner)

**MON 12:50 Witness History (w3ct3bz1)**

[Repeat of broadcast at 08:50 today]

**MON 13:00 BBC News (w172ykq5p6yh4sl)**

The latest five minute news bulletin from BBC World Service.

**MON 13:06 The Newsroom (w172y172m9ghdz)**

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

**MON 13:30 BBC News Summary (w172ykr03yk5j1z)**

The latest two minute news summary from BBC World Service.

**MON 13:32 CrowdScience (w3ct1pq5)**

[Repeat of broadcast at 09:32 today]

**MON 14:00 BBC News (w172ykq5p6yh8jq)**

The latest five minute news bulletin from BBC World Service.

**MON 14:06 Newshour (w172yfe2sdqkth0)**

First ship carrying grain leaves Ukrainian port

The first ship carrying grain has left the Ukrainian port of Odesa under an agreement brokered by Turkey.

Ukraine's Minister of Infrastructure tells this programme that this is the first proper test of that deal, which is seen as critical for global food supplies.

Also in the programme: the mayor of the German city of Hanover explains why he's encouraging lights off and cold showers; and a star of the Netflix series Bridgerton pays tribute to Nichelle Nichols, who played Lieutenant Uhura in Star Trek and has died aged 89.

(Photo shows the Sierra Leone-flagged cargo ship, Razoni carrying Ukrainian grain leaving the port of Odesa, Ukraine. Credit: Oleksandr Kubrakov/Ukraine Ministry of Infrastructure)

**MON 15:00 BBC News (w172ykq5p6yhd8v)**  
The latest five minute news bulletin from BBC World Service.

**MON 15:06 HARDtalk (w3ct1n5y)**  
[Repeat of broadcast at 08:06 today]

**MON 15:30 BBC News Summary (w172ykr03yk5rk7)**  
The latest two minute news summary from BBC World Service.

**MON 15:32 World Business Report (w172yk4pr93g8qb)**  
First grain ship leaves under Russia deal

The first ship carrying grain has left the Ukrainian port of Odesa under a landmark deal with Russia.

**MON 16:00 BBC News (w172ykq5p6yhj0z)**  
The latest five minute news bulletin from BBC World Service.

**MON 16:06 BBC OS (w172yg1nkq8xxd1)**  
Ukrainian grain ship bound for Lebanon

The first ship carrying grain has left the Ukrainian port of Odesa for the first time since the Russian invasion in February. We get reaction from Ukrainian farmers and explain how this could ease the global food crisis.

Football fans in England have been celebrating the European Championship title won by the women's national team. We hear from some of the fans and discuss the rise of women's game in the country.

A group of protesters in the Iraqi capital have stormed the parliament for the second time in a week. We find out why people are protesting.

Three-year-old Brazilian twins who were joined at the head have been successfully separated with the help of virtual reality. Our health reporter explains.

We explain the latest news on monkeypox and Covid-19 with the help of Dr Isaac Bogoch from the University of Toronto.

(Photo: The Sierra Leone-flagged cargo ship, Razoni carrying Ukrainian grain leaves the port, in Odesa, Ukraine, August 1, 2022, in this screen grab taken from a handout video. Credit: Alexander Kubrakov/ Ukraine Ministry of Infrastructure/Handout via REUTERS)

**MON 17:00 BBC News (w172ykq5p6yhms3)**  
The latest five minute news bulletin from BBC World Service.

**MON 17:06 BBC OS (w172yg1nkq8y145)**  
The rise of women's football in England

Football fans in England have been celebrating the European Championship title won by the women's national team. We discuss the recent rise of women's game, and the era when women's game was effectively banned in England.

The first ship carrying grain has left the Ukrainian port of Odesa for the first time since the Russian invasion in February. We get reaction from Ukrainian farmers and explain how this could ease the global food crisis

In South Africa, protesters have gathered outside a court west of Johannesburg where more than 80 men, suspected of links to the gang rape of a group of women film makers, have been appearing.

We speak to our correspondent in the Democratic Republic of Congo where a tribute ceremony has been taking place for four United Nations peacekeepers killed in last week's anti-UN protests.

(Photo: England head coach Sarina Wiegman lifts the trophy on stage during a fan celebration to commemorate England's historic UEFA Women's EURO 2022 triumph in Trafalgar Square, London. Picture date: Monday August 1, 2022. PA Photo. Credit: Steven Paston/PA Wire)

**MON 18:00 BBC News (w172ykq5p6yhrj7)**  
The latest five minute news bulletin from BBC World Service.

**MON 18:06 Outlook (w3ct34nk)**  
[Repeat of broadcast at 12:06 today]

**MON 18:50 Witness History (w3ct3bz1)**  
[Repeat of broadcast at 08:50 today]

**MON 19:00 BBC News (w172ykq5p6yhw8c)**  
The latest five minute news bulletin from BBC World Service.

**MON 19:06 The Newsroom (w172y17t2m9h6wr)**  
The world's Newsroom brings you global events as they happen

**MON 19:30 BBC News Summary (w172ykr03yk67jr)**  
The latest two minute news summary from BBC World Service.

**MON 19:32 Sport Today (w172ygf40qsd78)**  
2022/08/01 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 (w172ykq5p6yj00h)**  
The latest five minute news bulletin from BBC World Service.

**MON 20:06 The Climate Question (w3ct3kj7)**  
[Repeat of broadcast at 02:32 today]

**MON 20:30 BBC News Summary (w172ykr03yk6c8w)**  
The latest two minute news summary from BBC World Service.

**MON 20:32 Discovery (w3ct30pb)**  
Plant based promises and sustainability

In Plant Based Promises, Giles Yeo a foodie and academic at Cambridge University, asks how sustainable are commercial plant based products?  
This is a fast growing sector with a potential value of \$162 billion by 2030. Giles travels to the Netherlands Food Valley to look at companies developing plant based alternatives and to find out what role they have to play in changing diets. And Giles designs his own plant based Yeo Deli range online but discovers that new markets are already causing shortages of alternative proteins, so what will the future look like?

In 2019 the Eat Lancet Commission set up specific targets for a healthy diet and sustainable food production. The aim was to keep global warming to within 1.5 degrees and to be able to feed the world's 10 billion people by 2050. The Commission's recommendations are best visualised as a plate of food, half fruits, vegetables and nuts and the other half whole grains, beans, legumes and pulses, plant oils and modest amounts of meat and dairy. Is there room on the plate for Giles Yeo Deli Baloney range.

**MON 21:00 BBC News (w172ykq5p6yj3rm)**  
The latest five minute news bulletin from BBC World Service.

**MON 21:06 Newshour (w172yfc2sdqlnpx)**  
Relief as ship carrying grain leaves Ukrainian port for Lebanon

The ship leaving the port of Odesa was the first proper test of the deal that allowed Ukraine to export grain critical for global food supplies. The CEO of an aid organisation tells the programme that the global food crisis goes beyond this grain ship.

Also in the programme: Will Nancy Pelosi, the Speaker of the House of Representatives in the US, will be arriving in Taiwan tomorrow evening, despite increased threat of retaliation from Beijing?; a new instrument installed high on top of a mountain will survey a thousand stars every hour until it has catalogued five million.

(Photo The Sierra Leone-flagged ship Razoni leaves the sea port in Odesa after restarting grain export, amid Russia's attack on Ukraine, Ukraine August 1, 2022. REUTERS/Serhii Smolientsev)

**MON 22:00 BBC News (w172ykq5p6yj7hr)**  
The latest five minute news bulletin from BBC World Service.

**MON 22:06 HARDtalk (w3ct1n5y)**  
[Repeat of broadcast at 08:06 today]

**MON 22:30 BBC News Summary (w172ykr03yk6ls4)**  
The latest two minute news summary from BBC World Service.

**MON 22:32 The Conversation (w3ct37m5)**  
[Repeat of broadcast at 04:32 today]

**MON 23:00 BBC News (w172ykq5p6yjc7w)**  
The latest five minute news bulletin from BBC World Service.

**MON 23:06 The Newsroom (w172yrwy74n7c9g)**  
The world's Newsroom brings you global events as they happen

**MON 23:20 Sports News (w172ygh60y5g95)**  
BBC Sport brings you all the latest stories and results from around the world.

**MON 23:30 BBC News Summary (w172ykr03yk6qj8)**  
The latest two minute news summary from BBC World Service.

**MON 23:32 World Business Report (w172yk5j60q5k3n)**  
Ukraine: First grain ship leaves under Russia deal

The first ship carrying grain has left a Ukrainian port under a landmark deal with Russia. It is hoped the agreement will ease the global food crisis and lower the price of grain.

Russia has been blockading Ukrainian ports since February, but the two sides made a deal to resume shipments.

And following England women's success at the Euros, the conversation about gender pay gap in football has re-opened, with male footballers earning 100 times more than women.

And in Germany, news that the country is going to reactivate its coal-fired power stations in preparation for winter once again highlight the precarious position of Europe's reliance on Russian gas.

(Ship is expected to reach Turkey by 19:00 GMT Tuesday)

## TUESDAY 02 AUGUST 2022

**TUE 00:00 BBC News (w172ykq5p6yjh00)**  
The latest five minute news bulletin from BBC World Service.

**TUE 00:06 The History Hour (w3ct39lh)**  
[Repeat of broadcast at 20:06 on Sunday]

**TUE 01:00 BBC News (w172ykq5p6yjlr4)**  
The latest five minute news bulletin from BBC World Service.

**TUE 01:06 Business Matters (w172ydp59lkm41)**  
China may respond with military provocations if Pelosi visits Taiwan

The White House has warned that China may respond to Nancy Pelosi's proposed visit to Taiwan with military provocations including firing missiles near Taiwan, or large-scale air or naval activities.

Taiwan is a self-ruled island, but claimed by China - which has warned of "serious consequences" if Mrs Pelosi goes there.

Canada: Free coffee and doughnuts to app users, as Tim Horton attempt to settle data lawsuit after privacy commissioners found that it had tracked and recorded the movements of its app users, even when the app wasn't open.

And following England women's success at the Euros, the conversation about gender pay gap in football has re-opened. Why do male footballers earn 100 times more than their female counterparts?

(Mrs Pelosi originally planned to visit Taiwan in April. Photo Credit: EPA)

**TUE 02:00 BBC News (w172ykq5p6yjqh8)**  
The latest five minute news bulletin from BBC World Service.

**TUE 02:06 The Newsroom (w172y17t2m9j23n)**  
The world's Newsroom brings you global events as they happen

**TUE 02:30 BBC News Summary (w172ykr03yk72rn)**

The latest two minute news summary from BBC World Service.

**TUE 02:32 The Documentary (w3ct43h3)**

My granny the slave

Writer Claire Hynes goes on a personal journey to uncover the story of an Antiguan foremother, who is thought to be one of the first women to flee a slave plantation in the Caribbean island of Antigua.

Claire grew up learning a 200 year-old story passed down through generations about her enslaved ancestor known as Missy Williams. As a young woman Missy risked her life to escape the physical and sexual brutality of plantation life, hiding out in a cave. Inspired by her courage and intelligence, Claire travels to the island of Antigua to find out about Missy's life, the extreme challenges she faced and how she managed to survive.

She embarks on an investigation which takes us beyond the paradise beaches to the hills, plantations and museum archives. Her findings underline the bravery and intelligence of black women like Missy who resisted atrocities, asserted their humanity and undermined the fabric of slave societies. Claire's search for Missy Williams prompts her to ask that due recognition is given to the many extraordinary women through history who played significant roles in fights for freedom.

Produced by Rajeev Gupta

**TUE 03:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 03:06 Outlook (w3ct34nk)**

[Repeat of broadcast at 12:06 on Monday]

**TUE 03:50 Witness History (w3ct3bz1)**

[Repeat of broadcast at 08:50 on Monday]

**TUE 04:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 04:06 The Newsroom (w172y172m9j9ix)**

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

**TUE 04:30 BBC News Summary (w172ykr03yk72rn)**

The latest two minute news summary from BBC World Service.

**TUE 04:32 In the Studio (w3ct3jj7)**

James Corner

James Corner, is the founder of the urban landscape design Field Operations, is best known for his work on the New York High Line - the reclamation of a disused former railtrack in Manhattan. He talks about the transformative impact that the High Line has had on the area into a 21st century city - and about the potential for new urban green space in London as he works on another project with a railtrack at it's heart, the Camden High Line.

With the project at an important stage of planning he describes the challenges of creating a green park alongside a rail track which is in everyday use. We meet James on a visit to the site in London and Olivia Reeve meets him in his new offices which overlook New York's Bryant Park - he talks about the importance of urban green spaces in cities, post-pandemic, and the inspiration he draws from the work of Frederick Law Olmsted on the 200th anniversary of his birth - Olmsted was the founder of American landscape architecture and the man responsible for creating New York's central park.

James Corner was born in the the North of England in the UK, and draws inspiration from the natural landscape of that part of the world for his urban design work. He founded Field Operations in New York which has a cosmopolitan team of 100 people and he is at work on other major projects including the Presidio in San Francisco and the waterfront for the city of Seattle. For this programme he describes the qualities and characteristics of his urban green space design work.

**TUE 05:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 05:06 Newsday (w172y172m9j9ix)**

Ayman al-Zawahiri: Al-Qaeda leader killed in US drone strike

The US Secretary of State, Antony Blinken, has said that by hosting and sheltering Ayman al-Zawahiri in Kabul, the Taliban

had grossly violated the agreement they signed with Washington which led to the withdrawal of American forces from Afghanistan last year.

Taiwan media say the US House Speaker, Nancy Pelosi, plans to visit the island today. There's been no official confirmation from Ms Pelosi but the White House has warned that China may respond to Ms Pelosi's mooted visit with military provocations.

And why water shortages in India affect women more than men.

**TUE 06:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 06:06 Newsday (w172y172m9j9ix)**

Leader of al-Qaeda Killed by US Drone Strike

The al-Qaeda leader, Ayman al-Zawahiri, has been killed in a US drone strike on the Afghan capital Kabul. In a live televised address, President Joe Biden said he authorised the operation on what he called clear and convincing evidence of Zawahiri's whereabouts.

China's envoy to the United Nations has warned a mooted visit by US House Speaker, Nancy Pelosi, to Taiwan would undermine relations between Beijing and Washington and would be provocative.

And dozens of people have been killed in floods in Baluchistan in Pakistan.

**TUE 07:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 07:06 Newsday (w172y172m9j9ix)**

Death of al-Qaeda leader: 'Justice has been delivered'

The al-Qaeda chief Ayman al-Zawahiri has been killed in an American drone strike in the Afghan capital Kabul. President Joe Biden said Zawahiri was one of the organisers of the 9/11 attacks on the US, and that his killing would bring closure to families of the victims.

The US House Speaker, Nancy Pelosi, is in Malaysia, ahead of an expected trip to Taiwan, which Beijing has said would be a provocative move.

And a section of Beirut's massive grain silos that withstood the 2020 explosion have collapsed following a week-long fire.

**TUE 08:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 08:06 People Fixing The World (w3ct3j2p)**

Getting refugees out of tents

More than 100 million people have been forcibly displaced from their home around the world – fleeing conflict, natural disasters or persecution. Millions end up in refugee camps, living in tents.

Around the world, designers and architects are trying to improve the lives of these displaced people, by improving the temporary homes they're living in.

From prefabricated shelters made using Swedish flat-pack design methods, to the homes made from scratch using local knowledge and materials, we meet the people trying to replace tents with homes that have a little more dignity.

Presenter: Myra Anubi

Reporter/Producer: Farhana Haider

Producer: William Kremmer

Syria Producer: Ali Haj Suleiman

Production Co-ordinator: Ibtisam Zein

Sound mix: Hal Haines

Executive producer: Tom Colls

Editor: Penny Murphy

Photo credit Ali Haj Suleiman

Description Kafirjalas IDP camp Idlib, Syria

**TUE 08:30 BBC News Summary (w172ykr03yk72rn)**

The latest two minute news summary from BBC World Service.

**TUE 08:32 Business Daily (w3ct316j)**

The Hongkongers leaving for the UK

In 2020, after months of civil unrest, China introduced a new

security law in Hong Kong. The UK authorities said it 'violated' the one country, two systems principle established after the former colony was handed back to China in 1997. In response the UK has expanded the British National Overseas visa scheme which now offers the right to live and work in the UK for five years, as well as a path to citizenship. In the first 15 months about 125,000 people applied. We catch up with those starting new lives in the UK and find out how they're establishing careers.

We hear from a journalist who's now working as a traffic warden, and a politician who has found a new role working for a High Street bank. Others explain how they organise regular litter picks to show their gratitude to the UK. Former Chinese diplomat Victor Gao gives the view from Beijing.

Producer/presenter: James Graham

Additional production: Danny Vincent

Image: A woman in Hong Kong at night. Credit: Getty Images

**TUE 08:50 Witness History (w3ct3c3k)**

When Asians were forced to leave Kenya

Many South Asians migrated to Kenya in the early 20th century. They lived in a society divided by race and experienced discrimination from the white rulers, and after Independence, from black Kenyans too. Saleem Sheikh's parents fled South Asia for Kenya to escape the violence of partition. His family joined a thriving Asian community there. But, they were forced to leave in 1967 after a rise in violence against the Asian population.

This programme contains descriptions of racial discrimination. (Photograph of Saleem Sheikh (bottom right) with his brothers and sisters in Nairobi, Kenya in the 1960s)

**TUE 09:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 09:06 The Documentary (w3ct43h3)**

[Repeat of broadcast at 02:32 today]

**TUE 09:30 BBC News Summary (w172ykr03yk72rn)**

The latest two minute news summary from BBC World Service.

**TUE 09:32 Discovery (w3ct30bp)**

[Repeat of broadcast at 20:32 on Monday]

**TUE 10:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 10:06 The Arts Hour (w3ct390f)**

[Repeat of broadcast at 20:06 on Saturday]

**TUE 11:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 11:06 The Newsroom (w172y172m9j9ix)**

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

**TUE 11:30 BBC News Summary (w172ykr03yk72rn)**

The latest two minute news summary from BBC World Service.

**TUE 11:32 In the Studio (w3ct3jj7)**

[Repeat of broadcast at 04:32 today]

**TUE 12:00 BBC News (w172ykr03yk72rn)**

The latest five minute news bulletin from BBC World Service.

**TUE 12:06 Outlook (w3ct3533)**

Me, OCD and the baby bird in my hair

Hannah Bourne-Taylor has always been bird obsessed. So when she came across an abandoned baby finch, at risk of being eaten by cobras, instinct kicked in and she rescued it. They developed an incredible bond, with the bird even nesting in her hair. At the time, Hannah had been struggling with extreme anxiety and debilitating obsessive compulsive disorder. Raising the finch would be transformative for her.

Hannah's written a book about her experience called Fledgling.

Presenter: Emily Webb

Producer: Maryam Maruf

Get in touch: outlook@bbc.com

(Photo: Hannah Bourne-Taylor with the finch. Credit: Courtesy Hannah Bourne-Taylor)

**TUE 12:50 Witness History (w3ct3c3k)**  
[Repeat of broadcast at 08:50 today]

**TUE 13:00 BBC News (w172ykq5p6y1lpp)**  
The latest five minute news bulletin from BBC World Service.

**TUE 13:06 The Newsroom (w172y1712m9kdb2)**  
The world's Newsroom brings you global events as they happen

**TUE 13:30 BBC News Summary (w172ykr03yk8dz2)**  
The latest two minute news summary from BBC World Service.

**TUE 13:32 Discovery (w3ct30bp)**  
[Repeat of broadcast at 20:32 on Monday]

**TUE 14:00 BBC News (w172ykq5p6y15ft)**  
The latest five minute news bulletin from BBC World Service.

**TUE 14:06 Newshour (w172yfc2sdqmqd3)**  
Al-Qaeda leader killed in US drone strike

US president Joe Biden has announced the killing of the al-Qaeda leader Ayman al-Zawahiri in a US drone strike in the Afghan capital, Kabul.

Mr al-Zawahiri, who plotted the 9/11 attacks together with Osama Bin Laden, was killed in a counter-terrorism operation carried out by the CIA on Sunday.

What does it mean for US relations with the Taliban, who now govern Afghanistan?

Also in the programme: China has flown warplanes close to the island of Taiwan ahead of an expected visit by the speaker of the US House of Representatives, Nancy Pelosi; and why the energy giant BP has reported its biggest profits in 14 years, as the global price of oil and gas soars.

(Photo shows Ayman al-Zawahiri in a photo from June 2011. Credit: AFP)

**TUE 15:00 BBC News (w172ykq5p6y195y)**  
The latest five minute news bulletin from BBC World Service.

**TUE 15:06 People Fixing The World (w3ct3j2p)**  
[Repeat of broadcast at 08:06 today]

**TUE 15:30 BBC News Summary (w172ykr03yk8ngb)**  
The latest two minute news summary from BBC World Service.

**TUE 15:32 World Business Report (w172yk7zj6j9dbl)**  
Talks in Taiwan: Could Nancy Pelosi's visit cause friction in US-China relations?

Taiwan is bracing for a potential show of force from China as US house speaker Nancy Pelosi arrives in the country for talks with the president. The BBC's Taiwan correspondent Cindy Sui has been following the story.

Spain has introduced an energy-saving plan today which includes limiting air conditioning in public buildings and businesses to a minimum of 27 celsius and limiting central heating to a maximum of 19 celsius. Journalist Leah Patten updates us from Madrid.

The oil giant BP hit its highest quarterly profit for 14 years. Investment director at Broker Fidelity International Tom Stevenson tells us what impact it could have on the tax industry.

Rent rates in New York have soared in yet another sign of the cost-of-living squeeze. We hear from Yoon Choi who was forced out of the Upper East Side due to high rent rates. The BBC's North America business correspondent Michelle Fleury joins us from New York.

In 2020, after months of civil unrest, China introduced a new security law in Hong Kong. In response, the UK has expanded the British National Overseas visa scheme which now offers the right to live and work in the UK for five years, as well as a path to citizenship. James Graham catches up with those starting new lives in the UK and finds out how they're establishing careers.

(Picture: WASHINGTON, DC - JULY 21: U.S. Speaker of the House Nancy Pelosi (D-CA) holds her weekly press conference at the U.S. Capitol on July 21, 2022 in Washington, DC. Picture

Credit: Getty Images).

**TUE 16:00 BBC News (w172ykq5p6y1d2)**  
The latest five minute news bulletin from BBC World Service.

**TUE 16:06 BBC OS (w172yg1nkq90t94)**  
Al-Qaeda leader killed in Afghanistan

We discuss the killing of Ayman al-Zawahiri with the BBC's Chief International correspondent Lyse Doucet, our Senior North America reporter Anthony Zucher and the BBC's jihadism specialist Mina Al-Lami. We find out what is known about the CIA's operation in Kabul and what does this mean for al-Qaeda.

We have been getting messages from people around the world reacting to the killing of Ayman al-Zawahiri.

The US House Speaker Nancy Pelosi has arrived in Taiwan despite earlier warnings from China that she should stay away. We speak to our Asia Pacific Editor Celia Hatton and hear from three people in Taiwan about what they expect from the visit and what role China plays in their day-to-day lives.

(Photo: Osama bin Laden sits with his adviser Ayman al-Zawahiri, an Egyptian linked to the al Qaeda network, during an interview with Pakistani journalist Hamid Mir (not pictured) in an image supplied by Dawn newspaper November 10, 2001. Credit: Hamid Mir/Editor/Ausaf Newspaper for Daily Dawn/Handout via REUTERS/File Photo)

**TUE 17:00 BBC News (w172ykq5p6y1jp6)**  
The latest five minute news bulletin from BBC World Service.

**TUE 17:06 BBC OS (w172yg1nkq90y18)**  
Nancy Pelosi arrives in Taiwan

The US House Speaker Nancy Pelosi has arrived in Taiwan despite earlier warnings from China that she should stay away. We speak to our Asia Pacific Editor Celia Hatton and hear from three people in Taiwan about what they expect from the visit and what role China plays in their day-to-day lives.

We find out what is known about the killing of Ayman al-Zawahiri in Afghanistan and explain what does this mean for al-Qaeda.

(Photo: Demonstrators gather in support of U.S. House of Representatives Speaker Nancy Pelosi's visit, in Taipei, Taiwan August 2, 2022. Credit: Ann Wang/Reuters)

**TUE 18:00 BBC News (w172ykq5p6ylnfb)**  
The latest five minute news bulletin from BBC World Service.

**TUE 18:06 Outlook (w3ct3533)**  
[Repeat of broadcast at 12:06 today]

**TUE 18:50 Witness History (w3ct3c3k)**  
[Repeat of broadcast at 08:50 today]

**TUE 19:00 BBC News (w172ykq5p6y1s5g)**  
The latest five minute news bulletin from BBC World Service.

**TUE 19:06 The Newsroom (w172y1712m9l3sv)**  
The world's Newsroom brings you global events as they happen

**TUE 19:30 BBC News Summary (w172ykr03yk94fv)**  
The latest two minute news summary from BBC World Service.

**TUE 19:32 Sport Today (w172ygf40q9w94c)**  
2022/08/02 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 (w172ykq5p6y1w1x)**  
The latest five minute news bulletin from BBC World Service.

**TUE 20:06 The Documentary (w3ct43h3)**  
[Repeat of broadcast at 02:32 today]

**TUE 20:30 BBC News Summary (w172ykr03yk985z)**  
The latest two minute news summary from BBC World Service.

**TUE 20:32 Digital Planet (w3ct31yp)**  
Is disability tech delivering?

Why does tech not understand my speech? Physicist Dr Claire Malone is facing a problem: no speech-to-text software understands her. She is living with cerebral palsy, a condition that affects her movement and muscle coordination, including her speech. Claire shares how much of a difference this tech could make in her life, and Gareth speaks to Sara Smolley, the co-founder of Voiceit, one of the leading companies in the area, about how close we are to having software that can understand people like Claire.

Listening glasses

Many people have reading glasses, but what about glasses that can hear? A new pair of augmented reality glasses can hear what other people say, transcribe it, and then displays the text on your glasses like real-life subtitles. How could this type of tech help people with hearing impairment? Gareth speaks to XRAI CEO Dan Scarfe, as well as Josh Feldman, who was born hard of hearing and usually relies on lip reading. Will the listening glasses work live on the show?

Who gets to use assistive tech?

Technological solutions for people with disabilities are hugely beneficial, but as a new report from WHO and UNICEF shows, many people in need never get to access them. Chapal Khanshabis, head of the Access to Assistive Technology and Medical Devices unit at WHO, tells Gareth just how big the global inequity of assistive tech, and what we can do to fix it.

The programme is presented by Gareth Mitchell with expert commentary from Bill Thompson.

Studio Manager: Bob Nettles  
Producer: Florian Bohr

(Image: Wheelchair user using assistive technology credit: Getty Images)

**TUE 21:00 BBC News (w172ykq5p6y1m0nq)**  
The latest five minute news bulletin from BBC World Service.

**TUE 21:06 Newshour (w172yfc2sdqpkm0)**  
Pelosi visits Taiwan in defiance of Chinese warnings

Top US Democrat Nancy Pelosi is visiting Taiwan as part of a tour of Asia, despite sharp warnings from China. A member of Taiwan's Parliament tells Newshour she's excited about the visit.

Also in the programme: The US killing of the leader of al-Qaeda Ayman al-Zawahiri in Kabul - a Republican member of the House Foreign Affairs Committee Steve Chabot tells us the killing proves Afghanistan is still a safe haven. And we look at a potentially important development in stem cell research - could it lead to synthetic organs?

(Photo: US House Speaker Nancy Pelosi arrives in Taiwan. Credit: European Pressphoto Agency)

**TUE 22:00 BBC News (w172ykq5p6y1m4dv)**  
The latest five minute news bulletin from BBC World Service.

**TUE 22:06 People Fixing The World (w3ct3j2p)**  
[Repeat of broadcast at 08:06 today]

**TUE 22:30 BBC News Summary (w172ykr03yk9hp7)**  
The latest two minute news summary from BBC World Service.

**TUE 22:32 In the Studio (w3ct3j1j)**  
[Repeat of broadcast at 04:32 today]

**TUE 23:00 BBC News (w172ykq5p6y1m84z)**  
The latest five minute news bulletin from BBC World Service.

**TUE 23:06 The Newsroom (w172yrwy74nb86k)**  
The world's Newsroom brings you global events as they happen

**TUE 23:20 Sports News (w172ygh60gy8c68)**  
BBC Sport brings you all the latest stories and results from around the world.

**TUE 23:30 BBC News Summary (w172ykr03yk9mfc)**  
The latest two minute news summary from BBC World Service.

**TUE 23:32 World Business Report (w172yk8sy40nqx)**  
Nancy Pelosi visits Taiwan despite China's warnings

US Democrat Nancy Pelosi has visited Taiwan as part of a tour of Asia, in spite of sharp warnings from China. The trip is the first of its kind by a senior US official in 25 years since China claimed the island as its own.

Mrs Pelosi said her visit "honours America's unwavering commitment to supporting Taiwan's vibrant democracy" and did not contradict US policy.

Plus the first grain ship to depart Ukraine since Russia's invasion - The Razoni, has arrived at Turkey's Bosphorus strait.

The vessel which is carrying 26,000 tonnes of corn, will be inspected on Wednesday morning before continuing its journey to Lebanon.

And we find out why it's so hard to find affordable apartments in New York and why many are at risk of homelessness.

(Beijing has labelled Pelosi's visit as "extremely dangerous". Credit: BBC)

### WEDNESDAY 03 AUGUST 2022

**WED 00:00 BBC News (w172ykq5p6ymcx3)**  
The latest five minute news bulletin from BBC World Service.

**WED 00:06 The Arts Hour (w3ct390f)**  
[Repeat of broadcast at 20:06 on Saturday]

**WED 01:00 BBC News (w172ykq5p6ymhn7)**  
The latest five minute news bulletin from BBC World Service.

**WED 01:06 Business Matters (w172yph59lnj14)**  
US-China tensions: Beijing hits out as Pelosi arrives in Taiwan

US House of Representatives Speaker Nancy Pelosi has become the most senior US politician to visit Taiwan in 25 years, despite China warning that Washington would "pay the price" if she visited the island.

Beijing warned it would respond to any potential visit from Pelosi, who has not been backed by the White House to visit Taiwan.

The first grain ship to depart Ukraine since Russia's invasion - The Razoni, has arrived at Turkey's Bosphorus strait.

The vessel which is carrying 26,000 tonnes of corn, will be inspected on Wednesday morning before continuing its journey to Lebanon.

(Pelosi is the highest-ranking US politician to visit Taiwan in 25 years. Credit: EPA)

**WED 02:00 BBC News (w172ykq5p6ymmdc)**  
The latest five minute news bulletin from BBC World Service.

**WED 02:06 The Newsroom (w172y17t2m9lz0r)**  
The world's Newsroom brings you global events as they happen

**WED 02:30 BBC News Summary (w172ykr03yk9znr)**  
The latest two minute news summary from BBC World Service.

**WED 02:32 The Compass (w3ct42lf)**  
The Reclaimers

The reclaimers: The games people play

As the former 'British Empire Games' draws nearer, actor and musician Kema Sikazwe finds out what the world of museums can learn from the communities, artists and curators who are struggling to reclaim global stories about their culture and identity.

Kema sees photographer Vanley Burke's new exhibition, Blood and Fire, curated with Candice Nembhard at Soho House, former home of Matthew Bolton. At the Museum and Gallery, he meets members of We Are Birmingham who have remodelled the iconic round room.

With the Commonwealth Games in full swing, Kema also hears

how refugees, and members of the LGBT+ communities are ensuring their voices are heard within the cultural festival accompanying the sporting events

Presenter: Kema Sikazwe  
Producer: Will Sadler and Andy Jones  
A Radio Film production for BBC World Service

(Photo: Choma Museum. Credit: Radio Film)

**WED 03:00 BBC News (w172ykq5p6ymr4h)**  
The latest five minute news bulletin from BBC World Service.

**WED 03:06 Outlook (w3ct3533)**  
[Repeat of broadcast at 12:06 on Tuesday]

**WED 03:50 Witness History (w3ct3c3k)**  
[Repeat of broadcast at 08:50 on Tuesday]

**WED 04:00 BBC News (w172ykq5p6ymvwm)**  
The latest five minute news bulletin from BBC World Service.

**WED 04:06 The Newsroom (w172y17t2m9m6j0)**  
The world's Newsroom brings you global events as they happen

**WED 04:30 BBC News Summary (w172ykr03ykb750)**  
The latest two minute news summary from BBC World Service.

**WED 04:32 On the Podium (w3ct42lf)**  
Salum Kashafali: The fastest Paralympian on Earth

From a child fleeing conflict to the fastest Paralympian on earth, Salum Kashafali fought for survival, escaping the civil war in the Democratic Republic of Congo with his family. He took 100 metres gold at the Tokyo Paralympics, breaking his own world record and becoming a global role model.

**WED 05:00 BBC News (w172ykq5p6ymzmr)**  
The latest five minute news bulletin from BBC World Service.

**WED 05:06 Newsday (w172yf8mg6xnm95)**  
US House Speaker Nancy Pelosi visits Taiwan

The speaker of the US House of Representatives, Nancy Pelosi, has met the Taiwanese president during a visit vehemently opposed by China. Beijing has summoned the US ambassador and warned of grave consequences.

Pakistan could ban Imran Khan from politics after election body finds his party received illegal funds. Receiving funds from a foreign entity is illegal for political parties in Pakistan.

And in the US state of Michigan, Tudor Dixon who has repeated Donald Trump's false claims that the 2020 election was stolen, has won the Republican nomination for governor.

**WED 06:00 BBC News (w172ykq5p6yn3cw)**  
The latest five minute news bulletin from BBC World Service.

**WED 06:06 Newsday (w172yf8mg6xnr19)**  
Beijing calls Pelosi Taiwan trip 'extremely dangerous'

The speaker of the US House of Representatives, Nancy Pelosi, has praised Taiwan as an island of resilience in the world. In a meeting with President Tsai Ing-wen, Mrs Pelosi said her delegation had come to Taiwan to make it unequivocally clear the US would not abandon the island.

The US state of Kansas votes to protect abortion rights in state constitution.

And as Kenya heads to the polls, female candidates describe the challenges they face.

**WED 07:00 BBC News (w172ykq5p6yn740)**  
The latest five minute news bulletin from BBC World Service.

**WED 07:06 Newsday (w172yf8mg6xnvst)**  
Pelosi: 'US will not abandon commitment to Taiwan'

The speaker of the US House of Representatives, Nancy Pelosi, has said her delegation's visit to Taiwan is to make it unequivocally clear that the United States will not abandon the island. China, which views Taiwan as its own, has described the trip as "vicious" and warned of grave consequences.

Pakistan could ban Imran Khan from politics after election body finds his party received illegal funds. Receiving funds from a foreign entity is illegal for political parties in Pakistan.

And a cargo vessel transporting 26,000 tonnes of grain out of the port of Odesa in Ukraine faces a crucial inspection today in Turkish waters. It's the first shipment since Russia invaded the country in February.

**WED 08:00 BBC News (w172ykq5p6ynbw4)**  
The latest five minute news bulletin from BBC World Service.

**WED 08:06 HARDtalk (w3ct32r6)**  
The Singh Twins: Mixing art and politics

Zeinab Badawi is at the Firstsite gallery in Colchester to speak to acclaimed contemporary British artists the Singh Twins. Their work combines Eastern and Western traditions with sharp political comment. What inspires their artistic vision?

**WED 08:30 BBC News Summary (w172ykr03ykbq4j)**  
The latest two minute news summary from BBC World Service.

**WED 08:32 Business Daily (w3ct31c1)**  
Women, sport and business: Betting

Gambling has a long and complex relationship with sport. But betting is no longer a man's game. As women's sport grows, many companies are putting big money on its success.

In the last edition of our series looking at women, sport and business, we find out how one football side came back from the brink via a deal with Sweden's main gambling operator, Svenska Spel. We hear how England's victory in the Women's Euros could be a big win for the British betting sector.

But as other sports eye up sponsorship deals, some are calling for tighter controls on how - and to whom - bookmakers can advertise.

Presenter/Producer: Alex Bell  
(Image: Kristianstads DFF face their rivals Djurgardens IF DFF in Stockholm, Sweden. Credit: Linnea Rheborg/Getty Images.)

**WED 08:50 Witness History (w3ct3c5t)**  
The exodus of Asians from Uganda

In 1972, the dictator Idi Amin announced that all Asians had just 90 days to leave Uganda. Teacher Nurdin Dawood, who had a young family, didn't at first believe that Amin was serious. But soon he was desperately searching for a new country to call home. Farhana Dawood spoke to her father Nurdin Dawood in 2011. This programme contains descriptions of racial discrimination.

Caption: President of Uganda Idi Amin. Credit: Keystone/Getty Images

**WED 09:00 BBC News (w172ykq5p6yngm8)**  
The latest five minute news bulletin from BBC World Service.

**WED 09:06 The Compass (w3ct42lf)**  
[Repeat of broadcast at 02:32 today]

**WED 09:30 BBC News Summary (w172ykr03ykbwtwn)**  
The latest two minute news summary from BBC World Service.

**WED 09:32 Digital Planet (w3ct31yp)**  
[Repeat of broadcast at 20:32 on Tuesday]

**WED 10:00 BBC News (w172ykq5p6ynlcd)**  
The latest five minute news bulletin from BBC World Service.

**WED 10:06 The Documentary (w3ct43bt)**  
[Repeat of broadcast at 12:06 on Saturday]

**WED 11:00 BBC News (w172ykq5p6ynq3j)**  
The latest five minute news bulletin from BBC World Service.

**WED 11:06 The Newsroom (w172y17t2m9n1qx)**  
The world's Newsroom brings you global events as they happen

**WED 11:30 BBC News Summary (w172ykr03yke2cx)**  
The latest two minute news summary from BBC World Service.

**WED 11:32 On the Podium (w3ct4216)**

[Repeat of broadcast at 04:32 today]

**WED 12:00 BBC News (w172ykq5p6yntvn)**

The latest five minute news bulletin from BBC World Service.

**WED 12:06 Outlook (w3ct3y8p)**

The forbidden lovers who plotted a daring escape

When Karl-Heinz and Hedi fell in love they faced one major obstacle: the Iron Curtain. They met as teenagers at the height of the Cold War and were separated by a border – he was in West Germany and she was forbidden from leaving the East. They hatched a secret plan to be together, but it was elaborate and at times even farcical. Their mission seemed impossible – especially when the East German secret police, the notorious Stasi, were on their tail. But maybe, just maybe, they'd get lucky.

Karl-Heinz and Hedi Stützel's story is featured in the documentary Sorry Genosse.

Presenter: Emily Webb

Producer: Maryam Maruf

Translation: Sandra Dobrozemsky and Felix Kronabetter

Get in touch: outlook@bbc.com

(Photo: Hedi and Karl-Heinz Stützel. Credit: NORDPOLARIS)

**WED 12:50 Witness History (w3ct3c5t)**

[Repeat of broadcast at 08:50 today]

**WED 13:00 BBC News (w172ykq5p6ynyln)**

The latest five minute news bulletin from BBC World Service.

**WED 13:06 The Newsroom (w172y1712m9n975)**

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

**WED 13:30 BBC News Summary (w172ykr03ykc9w5)**

The latest two minute news summary from BBC World Service.

**WED 13:32 Digital Planet (w3ct31yp)**

[Repeat of broadcast at 20:32 on Tuesday]

**WED 14:00 BBC News (w172ykq5p6yp2bx)**

The latest five minute news bulletin from BBC World Service.

**WED 14:06 Newshour (w172yfc2sdqrm96)**

Pelosi leaves Taiwan to sound of Chinese fury

The Speaker of the US House of Representatives, Nancy Pelosi, has left Taiwan after a high-profile visit that infuriated China. Beijing has responded to the visit by announcing three days of live-fire exercises around Taiwan's coastline, starting on Thursday. Taiwan said this would amount to a blockade of its air and sea space.

The conservative US state of Kansas has decided in a referendum to protect abortion rights - in a major victory for pro-choice groups.

And we will hear about Batgirl - a film so bad that it will not be released!

(Photo: Speaker Pelosi held a landmark meeting with Taiwanese President Tsai. Credit: Getty Images)

**WED 15:00 BBC News (w172ykq5p6yp631)**

The latest five minute news bulletin from BBC World Service.

**WED 15:06 HARDtalk (w3ct32r6)**

[Repeat of broadcast at 08:06 today]

**WED 15:30 BBC News Summary (w172ykr03ykckcf)**

The latest two minute news summary from BBC World Service.

**WED 15:32 World Business Report (w172yk9mdnqrx38)**

OPEC+ to raise oil output

OPEC+ will raise production by 100,000 barrels a day for September, aimed at adding more supplies to an already tight oil market.

**WED 16:00 BBC News (w172ykq5p6yp9v5)**

The latest five minute news bulletin from BBC World Service.

**WED 16:06 BBC OS (w172ygnkq93q67)**

Pelosi in Taiwan: China responds

China has announced military drills around Taiwan in response to the visit by the US politician Nancy Pelosi. We bring two BBC experts to discuss why Taiwan matters so much to China.

Our disinformation team in India has been looking at false claims that members of the Muslim community are to blame for the deadly floods earlier this year in the state of Assam.

Following the first ever European Championship by women's football team in England, we speak to fans around the world about the level and prominence of the women's game.

We hear about an investigation by BBC Russian into criminal cases being opened against people in Russia who oppose or criticise the war in Ukraine.

(Photo: Pro-China supporters protest against U.S. House of Representatives Speaker Nancy Pelosi's visit to Taiwan, in Hong Kong, China August 3, 2022. Credit: Tyrone Siu/Reuters)

**WED 17:00 BBC News (w172ykq5p6ypf19)**

The latest five minute news bulletin from BBC World Service.

**WED 17:06 BBC OS (w172ygnkq93tyc)**

Kansas votes to uphold abortion rights

People in the US state of Kansas have voted to keep abortion legal, rejecting an amendment to the constitution. We'll hear from those who took part in the ballot that was the first of its kind since the US Supreme Court's decision in June to overturn a constitutional right to abortion.

Following the first ever European Championship by women's football team in England, we speak to fans around the world about the level and prominence of the women's game.

Nancy Pelosi has left Taiwan ending her visit that was strongly condemned by China. With the help of our Asia experts, we'll answer audience questions about the visit, China-US tensions and the One China Policy.

This week a judge in Italy ordered an Italian man to remain in jail as an investigation continues into the brutal death of a Nigerian street vendor. It has led to strong condemnation from the Nigerian government. We get more details from a journalist covering this story in Italy.

(Photo: Abortion-rights supporters react to early polls in the Kansas referendum on abortion rights. Credit: Evert Nelson/USA Today Network via Reuters)

**WED 18:00 BBC News (w172ykq5p6ypkbf)**

The latest five minute news bulletin from BBC World Service.

**WED 18:06 Outlook (w3ct3y8p)**

[Repeat of broadcast at 12:06 today]

**WED 18:50 Witness History (w3ct3c5t)**

[Repeat of broadcast at 08:50 today]

**WED 19:00 BBC News (w172ykq5p6ypp2k)**

The latest five minute news bulletin from BBC World Service.

**WED 19:06 The Newsroom (w172y1712m9p0py)**

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

**WED 19:30 BBC News Summary (w172ykr03ykd1by)**

The latest two minute news summary from BBC World Service.

**WED 19:32 Sport Today (w172ygf40qz61g)**

2022/08/03 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 (w172ykq5p6ypstp)**

The latest five minute news bulletin from BBC World Service.

**WED 20:06 The Compass (w3ct421f)**

[Repeat of broadcast at 02:32 today]

**WED 20:30 BBC News Summary (w172ykr03ykd532)**

The latest two minute news summary from BBC World Service.

**WED 20:32 Health Check (w3ct32wq)**

Can you be a kind boss?

In the cut throat world of work, can bosses be kind? Claudia Hammond unpicks the psychological evidence from around the world to find out if it's possible for managers to be both kind all the time and successful.

The quest starts with Thom Elliot Co-founder of Pizza Pilgrims in the UK, who deliberately set out to foster a kind culture in a sector not exactly known for its benevolence. They're joined for pizza by Prof Robin Banerjee, architect of the Kindness Test to discuss the findings and examine whether kindness in business really does result in success. Joe Folkman is the perfect person to ask. He runs an evidence based leadership development firm in the US. It turns out there's a strong correlation between being likeable and effectiveness. Such concepts are backed up by a relatively new field of research called 'ethical leadership' pioneered by Professor Mike Brown.

Claudia meets former head teacher Ros McMullen who tells some home truths about leadership in a culture of relentless pressure and accountability.

Plus Lisa Smosarski, editor in Chief of Stylist magazine shares shocking office stories of the 'Devil Wears Prada' era and discusses wider societal shifts that may be contributing to a kinder culture in her industry.

Presenter: Claudia Hammond

Producer: Erika Wright

**WED 21:00 BBC News (w172ykq5p6yppxt)**

The latest five minute news bulletin from BBC World Service.

**WED 21:06 Newshour (w172yfc2sdqsgj3)**

China prepares for five days of military exercises around Taiwan

China is preparing five days of military exercises in the sea surrounding parts of Taiwan in a show of force after Nancy Pelosi's departure. The Speaker of the US House of Representatives left earlier today after a brief but controversial visit. Not long after Mrs Pelosi flew out, the Taiwanese air force said it had to scramble jets to warn off 27 Chinese jets that had entered its self-declared air defence zone.

Also in the programme: The surgeon in London who successfully operated on Brazilian twins who were born with their brains fused together tells Newshour about the incredible surgery; and a vote in the American state of Kansas where people voted to retain the constitutional right to abortion.

(Photo: A man watches a CCTV news broadcast about joint military operations near Taiwan by the Chinese People's Liberation Army's (PLA) Eastern Theatre Command, at a shopping center in Beijing, China, August 3, 2022. REUTERS/Thomas Peter)

**WED 22:00 BBC News (w172ykq5p6yq19y)**

The latest five minute news bulletin from BBC World Service.

**WED 22:06 HARDtalk (w3ct32r6)**

[Repeat of broadcast at 08:06 today]

**WED 22:30 BBC News Summary (w172ykr03ykd1lb)**

The latest two minute news summary from BBC World Service.

**WED 22:32 On the Podium (w3ct4216)**

[Repeat of broadcast at 04:32 today]

**WED 23:00 BBC News (w172ykq5p6yq522)**

The latest five minute news bulletin from BBC World Service.

**WED 23:06 The Newsroom (w172yrwy74nf53n)**

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

**WED 23:20 Sports News (w172ygh60gye83c)**

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

**WED 23:30 BBC News Summary (w172ykr03ykd1jbg)**

The latest two minute news summary from BBC World Service.

**WED 23:32 World Business Report (w172ykbfdvhh5h)**  
UN chief slams 'immoral' oil and gas profits

The UN's Secretary General, Antonio Guterres, has called for a windfall tax on oil and gas suppliers. Amid a global energy crisis, Mr Guterres accused the fossil fuel industry of 'grotesque greed'. Elsewhere, Bangladesh has asked the World Bank and Asian Development Bank for two billion dollars in order to boost its dwindling foreign currency reserves. Susan Schmidt has your markets update ahead of an anticipated rates rise from the Bank of England. We'll also be discussing the new Batgirl movie, which - after 90 million dollars' worth of production time - has been unceremoniously scrapped. (Picture: UN Secretary General, Antonio Guterres, addresses a panel at the UN's headquarters in New York. Credit: Getty Images).

#### THURSDAY 04 AUGUST 2022

**THU 00:00 BBC News (w172ykq5p6yq8t6)**  
The latest five minute news bulletin from BBC World Service.

**THU 00:06 The Documentary (w3ct43bt)**  
[Repeat of broadcast at 12:06 on Saturday]

**THU 01:00 BBC News (w172ykq5p6yqdkb)**  
The latest five minute news bulletin from BBC World Service.

**THU 01:06 Business Matters (w172ydp59lrdy7)**  
Would taxing energy giants more solve the crisis?

The UN's Secretary General, Antonio Guterres, wants to see windfall taxes for oil and gas companies. He's accused them of 'grotesque' greed - but not everyone agrees. Some analysts believe ending the crisis is more about safeguarding supply. Alex Epstein is one of them. He believes the only way out of the current situation is to use more, not less, oil and gas.

US President Joe Biden has signed a new executive order to make it easier for women seeking abortions. It's a pledge already made by some major employers. We ask whether it's the duty of big businesses to get involved in divisive political issues. Emily Killham, from US-based 'people analytics' firm Perceptyx, has some interesting data on how Americans feel.

Ka-blam! The new 90-million dollar Batgirl movie has been scrapped before it hits the cinemas. Variety writer Cynthia Littleton tells us why it's been such a flop.

Throughout Business Matters we're joined by Erin Delmore from the Wall Street Journal in New York, along with stock market analyst and Smart Investor co-founder David Kuo in London.

(Picture: A gas-fired power station. Credit: Getty Images.)

**THU 02:00 BBC News (w172ykq5p6yqj9g)**  
The latest five minute news bulletin from BBC World Service.

**THU 02:06 The Newsroom (w172y1712m9pvxv)**  
The world's Newsroom brings you global events as they happen

**THU 02:30 BBC News Summary (w172ykr03ykdwkv)**  
The latest two minute news summary from BBC World Service.

**THU 02:32 Assignment (w3ct303x)**  
Ukraine: Collaboration and resistance

Ukrainian forces have launched a counteroffensive to retake Kherson, the largest city captured by Russia in this year's invasion. But the occupiers are redoubling their efforts to integrate the city and surrounding region into Russia - and they need the help of local collaborators. A few Ukrainians are eagerly serving the invaders. But many key workers - teachers, doctors and other state employees - are forced into a cruel choice. They must agree to work according to Russian rules, betraying their country - or else lose their jobs. Tim Whewell reports on life behind Russian lines in Kherson - and talks to some of those who've thrown in their lot with the occupiers, including the eccentric former journalist and fish inspector who's now deputy head of the region's Russian backed administration.

(Kirill Stremousov, deputy head of the Russian-backed Military-Civilian Administration of Kherson, with the remains of a missile recovered in the city. BBC/Permission for use given.)

**THU 03:00 BBC News (w172ykq5p6yqm1l)**  
The latest five minute news bulletin from BBC World Service.

**THU 03:06 Outlook (w3ct3y8p)**  
[Repeat of broadcast at 12:06 on Wednesday]

**THU 03:50 Witness History (w3ct3c5t)**  
[Repeat of broadcast at 08:50 on Wednesday]

**THU 04:00 BBC News (w172ykq5p6yqrsq)**  
The latest five minute news bulletin from BBC World Service.

**THU 04:06 The Newsroom (w172y1712m9q3f3)**  
The world's Newsroom brings you global events as they happen

**THU 04:30 BBC News Summary (w172ykr03ykf423)**  
The latest two minute news summary from BBC World Service.

**THU 04:32 The Food Chain (w3ct38n5)**  
The food illustrators

Meet the artists tasked with creating pictures that look good enough to eat.

If it wasn't for them, you might not have bought that particular tin of tomatoes or that bottle of wine.

Enya Todd, a Chinese illustrator living in the UK, and Rocío Egío, a Spanish illustrator living in Switzerland tell Ruth Alexander how they translate a love of food into irresistible images on a page; while award-winning British botanical illustrator Bridget Gillespie reveals the ups and downs of capturing every exact detail of a fruit or vegetable. Just don't ask her to paint you a strawberry.

Presented by Ruth Alexander  
Produced by Beatrice Pickup

(Picture: an illustration of a dish of paella on a tablecloth, designed by contributor Rocío Egío. Credit: Paella by Rocío Egío)

**THU 05:00 BBC News (w172ykq5p6yqwjv)**  
The latest five minute news bulletin from BBC World Service.

**THU 05:06 Newsday (w172yf8mg6xrxj68)**  
China begins military exercises around Taiwan

China is beginning a series of military exercises around Taiwan in response to the contentious visit there by a senior American politician yesterday. Taiwan says the air and sea drills, which include live firing in some of the world's busiest waterways, essentially cut off the island from the rest of the world.

Uganda's President Yoweri Museveni gives us his take on the war in Ukraine, as America's ambassador to the UN, Linda Thomas-Greenfield, heads to country.

And we'll get the latest on Sri Lanka's acute economic crisis as the new president outlines a plan to address the problems.

**THU 06:00 BBC News (w172ykq5p6yr08z)**  
The latest five minute news bulletin from BBC World Service.

**THU 06:06 Newsday (w172yf8mg6xrmjd)**  
Four days of Chinese military exercises around Taiwan

Four days of Chinese military exercises are under way around Taiwan. Beijing launched war games in response to the US House of Representatives Speaker Nancy Pelosi's controversial trip to the island.

We have the latest from the aftermath of devastating floods in the US State of Kentucky.

And we take a look at how Germany is responding to Russia's drastic energy cuts.

**THU 07:00 BBC News (w172ykq5p6yr413)**  
The latest five minute news bulletin from BBC World Service.

**THU 07:06 Newsday (w172yf8mg6xrrpj)**  
China launched 4 days of military exercises around Taiwan

China has launched 4 days of military exercises around the self governing island of Taiwan. The manoeuvres are an expression of the anger Beijing feels at the visit senior US politician Nancy Pelosi to the island.

A BBC News investigation shows that a legal loophole is allowing Russian oligarchs and others to continue to launder

money through UK companies.

And new research challenges the long held belief that women will have a longer life than men, and being married may contribute to greater life expectancy.

**THU 08:00 BBC News (w172ykq5p6yr7s7)**  
The latest five minute news bulletin from BBC World Service.

**THU 08:06 The Inquiry (w3ct39t9)**  
Will air travel ever return to normal?

Images of queues, huge piles of luggage and even pilots loading their planes with cargo have plagued the media throughout the world. Airports have been in chaos for months as they have attempted to re-emerge from the Covid-19 pandemic, with Europe, the UK and the USA all having suffered the worst of the effects so far. Flight cancellations have played havoc with business travellers and holiday makers alike, and the problem only appears to be getting worse as a whole raft of flights have recently been cancelled in the UK.

All this begs the question, Why are things so bad right now and how do we fix the situation? So this week on the inquiry we ask, Will air travel ever return to normal?

Producer: Ravi Naik and Christopher Blake  
Editor: Tara McDermott

(Photo: Flight boards at the height of the summer rush July 2022 Frankfurt Airport, Germany/credit: BBC images)

**THU 08:30 BBC News Summary (w172ykr03ykm1m)**  
The latest two minute news summary from BBC World Service.

**THU 08:32 Business Daily (w3ct3120)**  
China's economic challenge

China, the so-called engine of global growth, seems to be stalling badly right now. The country is facing rising unemployment, falling factory output and a collapsing property market. Plus, a growing number of regular Chinese citizens are complaining that the country's tough anti-Covid strategy isn't working.

China has faced choppy economic waters before. But with record high-levels of domestic debt, does it now have the resources to shore up the holes when firms, banks and even local governments start to run out of money? And what are the implications for the rest of us?

Presenter/producer: Ed Butler  
Image: Children play basketball in front of a housing complex built by debt-laden Chinese property developer Evergrande in Beijing. Credit: Noel Celis/Getty Images.

**THU 08:50 Witness History (w3ct3c19)**  
The city shaped by Ugandan Asians

Thousands of Asians who were expelled from Uganda in 1972, settled in the UK and many made Leicester their home. Their arrival in the East Midlands helped to shape its identity and now Leicester plays host to the largest Diwali celebrations outside of India.

Nisha Popat was nine-years-old when she arrived in the city with her family who later opened up a restaurant in the area that became known as the Golden Mile. Reena Stanton-Sharma spoke to her about moving there in the 70s as a child. This programme contains descriptions of racial discrimination. Caption: Nisha Popat at the Bobby's deli counter Credit: Nisha Popat

**THU 09:00 BBC News (w172ykq5p6yrcjc)**  
The latest five minute news bulletin from BBC World Service.

**THU 09:06 Assignment (w3ct303x)**  
[Repeat of broadcast at 02:32 today]

**THU 09:30 BBC News Summary (w172ykr03ykfqsr)**  
The latest two minute news summary from BBC World Service.

**THU 09:32 Health Check (w3ct32wq)**  
[Repeat of broadcast at 20:32 on Wednesday]

**THU 10:00 BBC News (w172ykq5p6yrh8h)**  
The latest five minute news bulletin from BBC World Service.

**THU 10:06 The Forum (w3ct38sp)**

Making scents: The story of perfume

Throughout history, fragrance has been used to scent both the body and our surroundings. With just one drop, perfume has the potential to stir memories, awaken the senses and even influence how we feel about ourselves. But what's the story behind this liquid luxury in a bottle, now found on the shelves of bathrooms and department stores worldwide?

In this programme, Bridget Kendall and guests explore the modern history of perfume, including its flowering in France and the explosive chemical discoveries that helped to make fine fragrance what it is today. They also explore perfume's ancient roots and ask: what's in a name?

Bridget is joined by scientist and critic Luca Turin, writer and curator Lizzie Ostrom and the perfumer Thomas Fontaine. Also featuring William Tullett and James McHugh.

(Photo: Perfume bottle and flowers. Credit: Brian Hagiwara/Getty Images)

**THU 10:50 Sporting Witness (w3ct36fv)**  
Nick Skelton's bid for gold

British showjumper Nick Skelton competed in six Olympic games in his quest to win a medal, even coming back from a career ending injury. Having started riding when he was three years old, Nick won many titles, and it was the lure of the Olympics that kept him competing.

(Getty Images: Nick Skelton at the 2012 Olympics)

**THU 11:00 BBC News (w172ykq5p6yrm0m)**  
The latest five minute news bulletin from BBC World Service.

**THU 11:06 The Newsroom (w172y1712m9qyn0)**  
The world's Newsroom brings you global events as they happen

**THU 11:30 BBC News Summary (w172ykr03ykgfz90)**  
The latest two minute news summary from BBC World Service.

**THU 11:32 The Food Chain (w3ct38n5)**  
[Repeat of broadcast at 04:32 today]

**THU 12:00 BBC News (w172ykq5p6yrrqr)**  
The latest five minute news bulletin from BBC World Service.

**THU 12:06 Outlook (w3ct34wb)**  
From teen single mother to top gourmet chef

Mexican-American chef Claudette Zepeda is now an award-winning culinary star but it wasn't always the case. For years she struggled. After becoming a single mother as a teenager, she was holding down three jobs and losing inspiration. But her beloved Aunt Lorenza, famous for her pozole, became her guiding light and gave her the motivation to carry on. Claudette tells Outlook's Clayton Conn her story and how she's seeking to help single Latina mothers break the intergenerational chains of poverty.

Indian dancer and singer Gulabo Saperia is from a family of nomadic snake charmers in Rajasthan. She's gone on to make a name for herself – even performing in front of British royalty – and risen to a highly respected person in her community. And yet, her beginnings could have hardly been less promising as she survived being buried alive at birth. (This interview was first broadcast in 2018)

Get in touch: outlook@bbc.com

(Photo: Claudette Zepeda. Credit: Alejandro Ibarra)

**THU 12:50 Witness History (w3ct3c19)**  
[Repeat of broadcast at 08:50 today]

**THU 13:00 BBC News (w172ykq5p6yrvhw)**  
The latest five minute news bulletin from BBC World Service.

**THU 13:06 The Newsroom (w172y1712m9r648)**  
The world's Newsroom brings you global events as they happen

**THU 13:30 BBC News Summary (w172ykr03ykg6s8)**  
The latest two minute news summary from BBC World Service.

**THU 13:32 Health Check (w3ct32wq)**  
[Repeat of broadcast at 20:32 on Wednesday]

**THU 14:00 BBC News (w172ykq5p6yrrz80)**  
The latest five minute news bulletin from BBC World Service.

**THU 14:06 Newshour (w172yfc2sdqvj69)**  
China fires ballistic missiles into waters near Taiwan

China has fired ballistic missiles into the waters around Taiwan, at the start of unprecedented military exercises launched in response to a visit by the US politician Nancy Pelosi. Also on the programme: it's been two years since thousands of tonnes of ammonium-nitrate fertiliser exploded in Beirut; and evidence of plastics affecting and killing birds has been found on every continent except Antarctica.

(Photo: 04/08/2022 European Pressphoto Agency)

**THU 15:00 BBC News (w172ykq5p6ys304)**  
The latest five minute news bulletin from BBC World Service.

**THU 15:06 The Inquiry (w3ct3919)**  
[Repeat of broadcast at 08:06 today]

**THU 15:30 BBC News Summary (w172ykr03ykgg8j)**  
The latest two minute news summary from BBC World Service.

**THU 15:32 World Business Report (w172ykg6dmb3196)**  
Bank of England hike interest rates by 0.5%

Unrelenting inflation pressures have prompted the fastest rise in global interest rates since the early 1990s. Emma Wall, head of investment analysis at Hargreaves Lansdown, explains what this means.

In Spain, the soaring cost of energy is being blamed for an ice shortage. Jose Maria Garrigues, who works at the ice machine company Coalza, shares his experience.

New research which suggests that global use of fertilizer will fall by 7% in the next 12 months. Laura Cross is the director of market intelligence at the International Fertilizer Association and gives her analysis of the current situation.

(Picture: Governor of the Bank of England Andrew Bailey addresses the media on the Monetary Policy Report at the Bank of England, in London, on August 4, 2022. Credit: Getty Images).

**THU 16:00 BBC News (w172ykq5p6ys6r8)**  
The latest five minute news bulletin from BBC World Service.

**THU 16:06 BBC OS (w172yg1nkq96m3b)**  
Brittney Griner found guilty by Russian court

A court in Moscow has found the US basketball star Brittney Griner guilty of drug smuggling. Griner, an Olympic gold medalist, had admitted having vape cartridges containing cannabis oil in her possession, when she was detained in February. But she said she had not intended to break the law. We explain what the court case has been about, and what might happen next.

China has launched several ballistic missiles into waters around Taiwan, as part of live fire military drills - China's biggest-ever in the region. It follows top across the country.

And after football's record-breaking Women's Euros 2022, we hear a conversation among female sports commentators based in Rwanda, the Netherlands and the Philippines, discussing the future for women in sport.

(Photo: U.S. basketball player Brittney Griner is escorted after the final statements in a court hearing in Khimki outside Moscow, Russia August 4, 2022. Credit: Reuters/Evgenia Novozhenina/Pool)

**THU 17:00 BBC News (w172ykq5p6ysbhd)**  
The latest five minute news bulletin from BBC World Service.

**THU 17:06 BBC OS (w172yg1nkq96qvq)**  
China fires missiles near Taiwan

China has fired missiles near Taiwan as part of huge military drills following a visit by senior US politician Nancy Pelosi to the island. Taiwan says China launched 11 ballistic missiles into waters around the north-east and south-west coasts. We speak to a local journalist and get updates from three people in Taiwan.

A court in Moscow has found the US basketball star Brittney Griner guilty of drug smuggling. Griner, an Olympic gold medalist, had admitted having vape cartridges containing cannabis oil in her possession when she was detained in

February. But she said she had not intended to break the law. We explain what the court case has been about and what might happen next.

And after football's record-breaking Women's Euros 2022, we hear a conversation between female sports commentators based in Rwanda, the Netherlands and the Philippines, discussing the future for women in sport.

(Photo: Families swim in the sea in New Taipei city, Taiwan, August 4, 2022. Credit: Reuters/Ann Wang)

**THU 18:00 BBC News (w172ykq5p6ysg7j)**  
The latest five minute news bulletin from BBC World Service.

**THU 18:06 Outlook (w3ct34wb)**  
[Repeat of broadcast at 12:06 today]

**THU 18:50 Witness History (w3ct3c19)**  
[Repeat of broadcast at 08:50 today]

**THU 19:00 BBC News (w172ykq5p6yskzn)**  
The latest five minute news bulletin from BBC World Service.

**THU 19:06 The Newsroom (w172y1712m9rxm1)**  
The world's Newsroom brings you global events as they happen

**THU 19:30 BBC News Summary (w172ykr03ykg81)**  
The latest two minute news summary from BBC World Service.

**THU 19:32 Sport Today (w172ygf40r22yk)**  
2022/08/04 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 (w172ykq5p6yspsq)**  
The latest five minute news bulletin from BBC World Service.

**THU 20:06 Assignment (w3ct303x)**  
[Repeat of broadcast at 02:32 today]

**THU 20:30 BBC News Summary (w172ykr03ykh205)**  
The latest two minute news summary from BBC World Service.

**THU 20:32 Science In Action (w3ct369b)**  
Synthetic mouse embryos with brains and hearts

This week two research groups announced that they have made synthetic mouse embryos that developed brains and beating hearts in the test tube, starting only with embryonic stem cells. No sperm and eggs were involved. Previously, embryos created this way have never got beyond the stage of being a tiny ball of cells. These embryos grew and developed organs through 8 days – more than a third of the way through the gestation period for a mouse. Roland Pease talks to the leader of one of the teams, developmental biologist Magdalena Zernicka-Goetz of Cambridge University and Caltech about how and why they did this, and the ethical issues around this research.

Also in the programme: the latest research on how we spread the SARS-CoV-2 virus when we breathe. Infectious disease researcher Kristen Coleman of the University of Maryland tells us about her experiments that have measured the amounts of virus in the tiny aerosol particles emanating from the airways of recently infected people. The results underscore the value of mask-wearing and effective ventilation in buildings.

We also hear about new approaches to vaccines against the virus – Kevin Ng of the Crick Institute in London talks about the possibility of a universal coronavirus vaccine based on his research, and immunologist Akiko Iwasaki of Yale University extolls the advantages of nasal vaccines against SARS-CoV-2.

(Image: Stem cell built mouse embryo at 8 days. Credit: Zernicka-Goetz Lab)

Presenter: Roland Pease  
Producer: Andrew Luck-Baker

**THU 21:00 BBC News (w172ykq5p6ystgx)**  
The latest five minute news bulletin from BBC World Service.

**THU 21:06 Newshour (w172yfc2sdqwc6)**

Taiwan: US says Chinese military exercises unnecessary

The National Security spokesman, John Kirby, has reiterated that Beijing had no reason to react aggressively to the visit of Speaker Pelosi to Taiwan. We speak to a journalist in Taiwan about what people there make of Mrs Pelosi's visit and if they are concerned about Chinese military exercises; and, Steve Chabot, a Republican Congressman and Co-Chair of the bipartisan House Taiwan Caucus, if Mrs Pelosi made the right decision to visit Taiwan.

A court in Russia has sentenced the American basketball player Brittney Griner to nine years in jail on drugs charges.

Also, our correspondent gets a rare access inside Ukraine's fight to take back territory from Russian forces in the Kherson region.

(Photo: The Ground Force under the Eastern Theatre Command of China's People's Liberation Army (PLA) conducts a long-range live-fire drill into the Taiwan Strait, from an undisclosed location in this handout released on August 4, 2022. Credit: Reuters)

**THU 22:00 BBC News (w172ykq5p6y71)**

The latest five minute news bulletin from BBC World Service.

**THU 22:06 The Inquiry (w3ct3919)**

[Repeat of broadcast at 08:06 today]

**THU 22:30 BBC News Summary (w172ykr03ykh9hf)**

The latest two minute news summary from BBC World Service.

**THU 22:32 The Food Chain (w3ct38n5)**

[Repeat of broadcast at 04:32 today]

**THU 23:00 BBC News (w172ykq5p6y1z5)**

The latest five minute news bulletin from BBC World Service.

**THU 23:06 The Newsroom (w172yrwy74nj20r)**

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

**THU 23:20 Sports News (w172ygh60gyg50g)**

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

**THU 23:30 BBC News Summary (w172ykr03ykhf7k)**

The latest two minute news summary from BBC World Service.

**THU 23:32 World Business Report (w172yk752gxtvpj)**

'UK will fall into recession this year' says Bank of England

The Bank of England has warned the UK will fall into recession as it raised interest rates by **1.75%** - the most in 27 years.

Governor Andrew Bailey said he knew the cost of living squeeze was difficult but if it didn't raise interest rates things would get "even worse".

The Insurance Council of Australia has told the BBC that some flood-prone areas might have to be abandoned because the risks are just too high.

The Nigerian Broadcasting Commission NBC has fined several partner stations of the BBC in Nigeria for showing a documentary about armed criminal gangs in the northwest of the country. The NBC claims the film contravened the country's broadcasting code.

(Governor Andrew Bailey said he had "huge sympathy for those struggling. Credit: Getty)

#### FRIDAY 05 AUGUST 2022

**FRI 00:00 BBC News (w172ykq5p6y15q9)**

The latest five minute news bulletin from BBC World Service.

**FRI 00:06 The Forum (w3ct38sp)**

[Repeat of broadcast at 10:06 on Thursday]

**FRI 00:50 Sporting Witness (w3ct36fv)**

[Repeat of broadcast at 10:50 on Thursday]

**FRI 01:00 BBC News (w172ykq5p6y19gf)**

The latest five minute news bulletin from BBC World Service.

**FRI 01:06 Business Matters (w172ydh59lv9vb)**

Bank of England warns the UK will fall into recession this year

The Bank of England has warned the UK will fall into recession as it raised interest rates by the most in 27 years.

The economy is forecast to shrink in the last three months of this year and keep shrinking until the end of 2023.

Insurance companies in Australia say flood-prone areas might have to be abandoned because the risks are just too high.

A US court has ordered conspiracy theorist - Alex Jones to pay \$4.1m in damages after falsely claiming the Sandy Hook school shooting in 2012 was a hoax.

(Governor Andrew Bailey says the alternative would be worse. Credit: Reuters)

**FRI 02:00 BBC News (w172ykq5p6ytf6k)**

The latest five minute news bulletin from BBC World Service.

**FRI 02:06 The Newsroom (w172yl7t2m9srt)**

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

**FRI 02:30 BBC News Summary (w172ykr03ykhsgy)**

The latest two minute news summary from BBC World Service.

**FRI 02:32 World Football (w3ct3hqd)**

FC Köln and Canada's Stephanie Labbé

FC Köln's Kristian Pedersen looks ahead to the new season. After just missing out on promotion with Union Berlin, and an unsuccessful trial with Borussia Monchengladbach, he is finally fulfilling a long-held ambition to play in the Bundesliga. And the former Canada goalkeeper Stephanie Labbé talks about the comedown following major tournaments. She suffered from panic attacks and anxiety after winning bronze at the Olympics.

Picture of website: FC Köln players look on, during a match against SSV Jahn Regensburg. (Roland Krivec/DeFodi Images via Getty Images)

**FRI 03:00 BBC News (w172ykq5p6ytjyp)**

The latest five minute news bulletin from BBC World Service.

**FRI 03:06 Outlook (w3ct34wb)**

[Repeat of broadcast at 12:06 on Thursday]

**FRI 03:50 Witness History (w3ct3c19)**

[Repeat of broadcast at 08:50 on Thursday]

**FRI 04:00 BBC News (w172ykq5p6ytnpt)**

The latest five minute news bulletin from BBC World Service.

**FRI 04:06 The Newsroom (w172yl7t2m9t0b6)**

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

**FRI 04:30 BBC News Summary (w172ykr03ykhj0z6)**

The latest two minute news summary from BBC World Service.

**FRI 04:32 Heart and Soul (w3ct4231)**

The Bible, Black Women and Brazil

Evangelical Christian women of colour were the kingmakers in Brazil's last presidential election. In May, a corruption conviction that barred the former left wing President from running was quashed on a technicality. And the stage is now set for an epic election showdown where experts say it's women of colour who will have the deciding vote. But after four years in power, will they turn a blind eye to Jair Bolsonaro's comments that some consider misogynistic and racist? In 'The Bible, Black Women and Brazil', Lebo Diseko travels to Brazil for Heart and Soul from the BBC World Service, to find out if their vote may deliver the President his second victory.

**FRI 05:00 BBC News (w172ykq5p6ytsfy)**

The latest five minute news bulletin from BBC World Service.

**FRI 05:06 Newsday (w172yf8mg6xvf3c)**

Live news, business and sport from around the world.

**FRI 06:00 BBC News (w172ykq5p6ytx62)**

The latest five minute news bulletin from BBC World Service.

**FRI 06:06 Newsday (w172yf8mg6xvjvh)**

Four days of Chinese military exercises are under way around Taiwan

Four days of Chinese military exercises are under way around Taiwan. Beijing launched these drills in response to the US House Representatives Speaker Nancy Pelosi's controversial trip to the island.

We'll have the latest from the aftermath of deadly floods in the US State of Kentucky where four young children have become the latest victims.

Also in the programme, we find out how Germany is responding to Russia's drastic energy cuts.

**FRI 07:00 BBC News (w172ykq5p6y0y6)**

The latest five minute news bulletin from BBC World Service.

**FRI 07:06 Newsday (w172yf8mg6xvnlm)**

China's military drills in Taiwan continue following Nancy Pelosi's visit

The Speaker of the US House of Representatives says that the US will not allow Taiwan to be isolated. Her comments come as China continues to express its anger at her visit to the Island with massive military exercises.

US basketball star Brittney Griner has been found guilty of possessing and smuggling drugs in Russia, receiving a nine year prison sentence.

We have an update on the deadly flood situation in Pakistan amid reports of more rain to come.

**FRI 08:00 BBC News (w172ykq5p6yv4pb)**

The latest five minute news bulletin from BBC World Service.

**FRI 08:06 HARDtalk (w3ct32g5)**

Gregory Doran: Why does Shakespeare still captivate us?

Stephen Sackur is in Stratford-upon-Avon, interviewing Gregory Doran, artistic director emeritus of the Royal Shakespeare Company. More than 400 years after his death, Shakespeare's words and stories live on, transcending languages and borders. Why do we continue to make much ado about Shakespeare?

**FRI 08:30 BBC News Summary (w172ykr03ykhjyq)**

The latest two minute news summary from BBC World Service.

**FRI 08:32 Business Daily (w3ct30rz)**

The power of fungi

Tim Hayward takes a journey into the world of fungi. There's a global wave of interest in the potential uses of fungi right now - and businesses are catching on and playing their part.

Tim starts at the Fungarium in Kew Gardens, the world's biggest collection of dried fungal specimens, guided by collections curator Lee Davies. He then heads to a forest in Finland, where chief executive Eric Puro and lab manager Joette Crosier walk him through the setup at Käätä Biotech - one of a new breed of fungally-focussed companies with big ambitions rooted in a passion for mushrooms and mycelium. Then he talks with Albert Garcia-Romeu, an assistant professor of psychiatry and behavioural sciences at the Johns Hopkins University School of Medicine. Albert is part of a research team looking at the fungally-derived compound psilocybin - about which there's a huge amount of interest relating to its therapeutic potential.

Presenter: Tim Hayward

Producer: Richard Ward.

Image: Shiitake (Lentinula edodes) mushrooms being cultivated at Käätä Mushrooms, Karjalohja, Finland. Used with permission.

Tim's three-part series about fungi, 'Fungi: The New Frontier', is available now on BBC Sounds.

**FRI 08:50 Witness History (w3ct3bws)**

The return of Asians to Uganda

When President Yoweri Museveni came to power in 1986, he encouraged exiled Asians to return to Uganda and reclaim their homes and businesses to help rebuild the country. The economy had collapsed under the dictator Idi Amin after he expelled the Asian population in 1972.

Dr Mumtaz Kassam went back to Uganda years after arriving in the UK as a refugee. She talks to Reena Stanton-Sharma about returning to her birthplace.

Caption: Dr. Mumtaz Kassam receiving a Golden Jubilee Presidential medal at the 56th independence celebrations.  
Credit: Dr Mumtaz Kassam

**FRI 09:00 BBC News (w172ykq5p6yv8fg)**

The latest five minute news bulletin from BBC World Service.

**FRI 09:06 Tech Tent (w3ct375f)**

The future of medical virtual reality

We take a look at virtual reality as it helps surgeons in Brazil work with colleagues in Britain on an operation to separate twins joined at the head.

As global temperatures rise how do we keep data centres cool in a power efficient and environmentally friendly way.

Teaching technology in Africa - the founder of a school in Lesotho tells us how it got started. And should records ditch vinyl to go green?

(Picture credit: Getty Images)

**FRI 09:30 BBC News Summary (w172ykr03yjkmpv)**

The latest two minute news summary from BBC World Service.

**FRI 09:32 Science In Action (w3ct369b)**

[Repeat of broadcast at 20:32 on Thursday]

**FRI 10:00 BBC News (w172ykq5p6yv5d1)**

The latest five minute news bulletin from BBC World Service.

**FRI 10:06 The Real Story (w3ct33p7)**

Italy's right-wing nationalists on the rise

Italians go to the polls on 25 September after the collapse of the country's 69th government in just 77 years. Polls suggest a conservative coalition - likely led by the right wing nationalist Brothers of Italy party - may form the next government. Critics accuse Brothers of Italy (Fratelli d'Italia) of having fascist roots, a claim it rejects. The beating to death of Ogorchukwu Alika, a Nigerian street trader in Italy last week, has shone a spotlight on growing anti-migrant rhetoric from a number of the country's right-wing parties. So, is Italy about to elect a hard-right government? If Brothers of Italy leader Giorgia Meloni does become the country's next Prime Minister what kind of leader will she be? And how could a more nationalist government impact Italy's relationships with the EU, Nato and the US?

Ritula Shah is joined by a panel of expert guests.  
Producers: Paul Schuster and Ellen Otzen.

**FRI 11:00 BBC News (w172ykq5p6yv9xq)**

The latest five minute news bulletin from BBC World Service.

**FRI 11:06 The Newsroom (w172y17t2m9tvk3)**

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

**FRI 11:30 BBC News Summary (w172ykr03yjkjw63)**

The latest two minute news summary from BBC World Service.

**FRI 11:32 World Football (w3ct3hqd)**

[Repeat of broadcast at 02:32 today]

**FRI 12:00 BBC News (w172ykq5p6yvmmv)**

The latest five minute news bulletin from BBC World Service.

**FRI 12:06 The Fifth Floor (w3ct37zj)**

What next for women in football?

What are the victories - and challenges - for women's football around the world? After a video of the England women's victory dance went viral, we hear from Laura Garcia from BBC Mundo and Alma Hassoun from BBC Arabic about how football has empowered women players in their regions.

Kashmir, three years on  
It has been three years since the Indian government revoked the special status of Jammu and Kashmir. Security forces were deployed, and the region was cut off from most lines of communication. Aamir Peerzada of BBC Indian languages is from Kashmir and was reporting from there at the time. He shares his memories.

**The Bandit Warlords of Zamfara**

In northwestern Nigeria, ultra-violent bandit gangs raid villages, attack drivers, abduct schoolchildren and kill anyone who

resists. Hausa villagers have formed vigilante militias to defend themselves, but have allegedly killed innocent people. BBC Africa Eye's Yusuf Anka takes us into the heart of Nigeria's worst security crisis.

**Human trafficking from Vietnam to Cambodia**

A new case of modern slavery has been revealed in Cambodia, where Vietnamese people are being lured with the promise of jobs in the gambling industry. Once over the border, their possessions are confiscated and they are made to work long hours and live in sub-human conditions. For BBC Vietnamese, Thu Bui spoke to victims and their rescuers.

(Photo: Mary Earp dances on the Press Conference table surrounded by the England team. Credit: Sarah Stier, UEFA/UEFA via Getty Images)

**FRI 12:50 Witness History (w3ct3bws)**

[Repeat of broadcast at 08:50 today]

**FRI 13:00 BBC News (w172ykq5p6yvrdz)**

The latest five minute news bulletin from BBC World Service.

**FRI 13:06 The Newsroom (w172y17t2m9v31c)**

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

**FRI 13:30 BBC News Summary (w172ykr03ykk3pc)**

The latest two minute news summary from BBC World Service.

**FRI 13:32 Science In Action (w3ct369b)**

[Repeat of broadcast at 20:32 on Thursday]

**FRI 14:00 BBC News (w172ykq5p6yvw53)**

The latest five minute news bulletin from BBC World Service.

**FRI 14:06 Newshour (w172yfc2sdqy3d)**

Chinese military drills continue around Taiwan

As China continues to flex its military muscles and halts cooperation with the US on climate change, Taiwan's foreign minister, Joseph Wu, speaks to the BBC's Rupert Wingfield-Hayes.

Also in the programme: we hear from author Jon Ronson about a legal setback for American shock jock Alex Jones. And memories of the Edinburgh Fringe festival from British comedy star Omid Djalili, who first performed there nearly 30 years ago. (Image: a Chinese People's Liberation Army aircraft flies over Pingtan island, August 5, 2022. REUTERS/Aly Song)

**FRI 15:00 BBC News (w172ykq5p6yvxz7)**

The latest five minute news bulletin from BBC World Service.

**FRI 15:06 HARDtalk (w3ct32g5)**

[Repeat of broadcast at 08:06 today]

**FRI 15:30 BBC News Summary (w172ykr03ykkc5m)**

The latest two minute news summary from BBC World Service.

**FRI 15:32 World Business Report (w172yk31vtxg8h4)**

A world of its own: Football's Premier League

It's among the most watched sporting leagues around the world, with rights deals breaking into the billions. As a new season gets underway, World Business Report is live from Manchester City's Etihad Stadium. Join us and a range of guests to find out what gives the Premier League its extraordinary brand power.

Throughout the programme, Will Bain is joined by Professor Tom Cannon, a football finance expert from the University of Liverpool; and Fiona Green, the co-founder of sports analytics consultancy Winners.

A former chief executive at Liverpool FC, Peter Moore, provides his insight into how clubs are still searching for growth.

Andrew Tucker from supporters' group The Third Rail explains how fanbases are expanding in unexpected places. Football agent Shehneela Ahmed is also on hand to discuss how the money players generate is likely to keep soaring.

(Picture: The Etihad Stadium, home of Manchester City FC. Credit: Getty Images.)

**FRI 16:00 BBC News (w172ykq5p6yw3nc)**

The latest five minute news bulletin from BBC World Service.

**FRI 16:06 BBC OS (w172yg1nkkq99j0f)**

China-US tensions over Taiwan

China has spent a second day carrying out military drills in response to Nancy Pelosi's visit to Taiwan earlier this week. China also suspended co-operation with the United States on various issues, including climate change and military affairs. We look back at this week's developments and speak to the editor of BBC Chinese, as well as to two journalists in Japan and the Philippines.

We bring you some of the latest lines on the war in Ukraine with the help of our Russia editor at BBC Monitoring.

Ahead of next week's elections in Kenya, two businesswomen talk about the challenges they have faced in their daily lives.

We speak to our specialist disinformation and social media reporter about the ruling against the US conspiracy theorist Alex Jones and about his infowars website.

(Photo: Chinese People's Liberation Army (PLA) aircraft flies over the 68-nautical-mile scenic spot, one of mainland China's closest points to the island of Taiwan, in Pingtan island, Fujian province, China August 5, 2022. Credit: Aly Song/Reuters)

**FRI 17:00 BBC News (w172ykq5p6yw7dh)**

The latest five minute news bulletin from BBC World Service.

**FRI 17:06 BBC OS (w172yg1nkkq99mrk)**

Kenyan elections

Ahead of next week's elections in Kenya, two businesswomen talk about the challenges they have faced in their daily lives.

Fears are growing that extreme drought will affect the crops and food production Europe. We speak to people in Italy and France who are experiencing the drought first hand.

China has spent a second day carrying out military drills in response to Nancy Pelosi's visit to Taiwan earlier this week. China also suspended co-operation with the United States on various issues, including climate change and military affairs. We look back at this week's developments and speak to our former China correspondent who is now in Washington DC.

The BBC has been told Russian forces at Ukraine's largest nuclear power plant are using the site to launch rocket attacks on civilians. We speak to our colleague who has been working on the story.

(Photo: Employees of the Independent Electoral and Boundaries Commission (IEBC) arrange ballot boxes and election material at a tallying centre in Nairobi, Kenya, August 4, 2022. Credit: Baz Ratner/REUTERS)

**FRI 18:00 BBC News (w172ykq5p6ywc4m)**

The latest five minute news bulletin from BBC World Service.

**FRI 18:06 The Fifth Floor (w3ct37zj)**

[Repeat of broadcast at 12:06 today]

**FRI 18:50 Witness History (w3ct3bws)**

[Repeat of broadcast at 08:50 today]

**FRI 19:00 BBC News (w172ykq5p6ywgwr)**

The latest five minute news bulletin from BBC World Service.

**FRI 19:06 The Newsroom (w172y17t2m9vtj4)**

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

**FRI 19:30 BBC News Summary (w172ykr03ykkv54)**

The latest two minute news summary from BBC World Service.

**FRI 19:32 Sport Today (w172ygf40r4zvn)**  
2022/08/05 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 (w172ykq5p6ywlmw)**

The latest five minute news bulletin from BBC World Service.

**FRI 20:06 Tech Tent (w3ct375f)**

[Repeat of broadcast at 09:06 today]

**FRI 20:30 BBC News Summary (w172ykr03ykkx8)**

The latest two minute news summary from BBC World Service.

**FRI 20:32 CrowdScience (w3ct3j76)**

Are humans naturally clean and tidy?

From dumping raw sewage into rivers to littering the streets with our trash, humans don't have a great track record when it comes to dealing with our waste. It's something that CrowdScience listener and civil engineer Marc has noticed: he wonders if humans are particularly prone to messing up our surroundings, while other species are instinctively more hygienic and well-organised.

Are we, by nature, really less clean and tidy than other animals? Farming and technology have allowed us to live more densely and generate more rubbish - maybe our cleaning instincts just aren't up to the vast quantities of waste we spew out?

CrowdScience digs into the past to see if early human rubbish heaps can turn up any answers. We follow a sewer down to the River Thames to hear about The Great Stink of Victorian London; turn to ants for housekeeping inspiration; and find out how to raise hygiene standards by tapping into our feelings of disgust and our desire to follow rules.

Presented by Marnie Chesterton and produced by Cathy Edwards for the BBC World Service.

[Image: Man on beach with rubbish. Credit: Getty Images]

**FRI 21:00 BBC News (w172ykq5p6ywd0)**

The latest five minute news bulletin from BBC World Service.

**FRI 21:06 Newshour (w172yfc2sdqz8b9)**

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

**FRI 22:00 BBC News (w172ykq5p6yww44)**

The latest five minute news bulletin from BBC World Service.

**FRI 22:06 HARDtalk (w3ct32g5)**

[Repeat of broadcast at 08:06 today]

**FRI 22:30 BBC News Summary (w172ykr03ykl6dj)**

The latest two minute news summary from BBC World Service.

**FRI 22:32 World Football (w3ct3hqd)**

[Repeat of broadcast at 02:32 today]

**FRI 23:00 BBC News (w172ykq5p6ywyw8)**

The latest five minute news bulletin from BBC World Service.

**FRI 23:06 The Newsroom (w172yrwy74nlyxy)**

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

**FRI 23:20 Sports News (w172ygh60gyk1xk)**

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

**FRI 23:30 BBC News Summary (w172ykr03yklb4n)**

The latest two minute news summary from BBC World Service.

**FRI 23:32 World Business Report (w172yk3w9kj5jwg)**

First broadcast 05/08/2022 22:32 GMT

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