SATURDAY 18 FEBRUARY 2023

SAT 00:00 BBC News (w172ykqk9sz6rfn)

The latest five minute news bulletin from BBC World Service.

SAT 00:06 The Real Story (w3ct33q8)

Can Lula fix the Amazon?

Brazil's newly-elected president, Luiz Inacio Lula da Silva, has pledged to protect the Amazon and to reach zero deforestation by 2030.

During a recent meeting with US President Biden, Lula said the rainforest had been "invaded" under the previous administration. His predecessor, Jair Bolsonaro, relaxed environmental protections, encouraging mining and logging in the Amazon that he said would help economic development.

Voters will now be waiting to see if they can trust Lula to follow through on the promises he has made so far for the Amazon. But Lula faces huge challenges: The Brazilian Congress elected in the October polls is still largely dominated by conservatives, with Bolsonaro's PL the largest party in the lower house. Lula's government will also have to contend with widespread violent crime and illegal mining and logging taking place across the region, even in the protected territories of indigenous communities. The Amazon has been under increasing pressure recently with Brazil setting a new deforestation record last year for the amount of trees cut down in the rainforest in one month.

So what needs to happen to save the Amazon? Can preservation and economic development go hand in hand? How important is the conservation of the rainforest for the rest of the world? And will Lula live up to his promise to end deforestation by the end of the decade?

Chris Morris is joined by:

Carlos Nobre is a climatologist who is chair of the Brazilian Panel on Climate Change. He's also a senior researcher at the Institute for Advanced Studies in the Federal University of São Paulo

Christian Lohbauer is a political scientist and founder of the political party - Partido Novo (NOVO)

Richard Lapper is the former Latin America editor for the Financial Times and the author of Beef, Bible and Bullets: Brazil in the Age of Bolsonaro published in 2021

Also featuring

Ricardo Salles, Minister of the Environment from 2019 to 2021, under Jair Bolsonaro

Photo: A member of the Xikrin indigenous group fighting deforestation in the Amazon, Para, 20 September 2019. Credit: European Photopress Agency

SAT 01:00 BBC News (w172ykqk9sz6w5s)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 Business Matters (w172ydqbbld6s34)

Tech Giants face stricter rules as EU Digital Services Act comes into force

The likes of Tiktok, Meta and Google will face some of the strictest rules about how they look after our data anywhere in the world as the Digital Services Act or DSA comes into force across European nations.

Firms with over 45 million users in the European will have to pay fines of up to 6 per cent of their massive global revenues should they be found to breach the new rules.

Also on the programme, we discuss how Helsinki became a global mobile games capital.

Will Bain is joined throughout the programme by Dr Stephanie Hare, a researcher of technology and politics and Sushma Ramachandran, an independent business journalist and columnist for The Tribune newspaper.

(Photo: Logos of Google, Apple, Facebook, Amazon and Microsoft on a mobile phone with an EU flag in the background. Credit; Getty Images.)

SAT 02:00 BBC News (w172ykqk9sz6zxx)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172yl85q6b6bk9)

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

SAT 02:30 BBC News Summary (w172ykrcrjkxc69)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3ct371v)

The Women's Premier League auction

In a momentous week in women's cricket when the Women's Premier League Auction took place Alison Mitchell, Jim Maxwell and Charu Sharma discuss the big signings and the players that were unsold.

Plus we are joined by Ben Gibson who is the Director of Financial Planning at UK based Wealth Management business Evelyn. He tells us how players should manage their newfound wealth.

And we discuss where it has all gone wrong for New Zealand in the Women's T20 World Cup.

Photo: Smriti Mandhana and Harmanpreet Kaur (C) of India celebrate the victory during the T20 International series between India and Australia at Dr DY Patil Cricket Stadium on December 11, 2022 in Mumbai, India. (Photo by Pankaj Nangia/Getty Images)

SAT 03:00 BBC News (w172ykqk9sz73p1)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 The Fifth Floor (w3ct380k)

BBC Ukrainian: A year of war

Since the start of the war in Ukraine nearly a year ago, thousands of lives have been lost on both sides, and millions of Ukrainians have been forced to leave their homes. For BBC Ukrainian, it's been a year of upheaval, with many journalists from Kyiv moving to new hubs in Lviv and Warsaw, and some living apart from family members. We hear how the team have continued to report the war, from editor Marta Shokalo in Warsaw, Daria Taradai in Lviv and Oleg Karpyak in Kyiv.

Ukraine war - perspectives from around the world Over the past year, Russia has been building on its already strong ties to many countries around the world, using trade deals, historic loyalties and propaganda. We get perspectives from China, Latin America and Africa from BBC Chinese editor Howard Zhang, Grigor Atanesian from the BBC's Global Disinformation Unit and Luis Faiardo from BBC Monitorine.

(Photo: The Ukrainian national flag flies over Kyiv. Credit: Raul Moreno/Getty Images)

SAT 03:50 Witness History (w3ct3bxt)

First winter ascent of Everest

On 17 February 1980, the first people climbed Everest in winter.

John Beauchamp hears from Leszek Cichy and Krzysztof Wielicki from Poland who were the men who did it.

It was at the height of the Cold War, when Poland was behind the Iron Curtain.

The two climbers decided that they had to show the world that their country was still capable of doing extraordinary things.

Despite a lack of money and equipment and using whatever they could lay their hands on – including welding goggles – they made it to the top of the world's tallest mountain.

A Free Range and Overcoat Media co-production for BBC World Service.

(Photo: Leszek Cichy (left) Krzysztof Wielicki (right). Credit: Krzysztof Wielicki)

SAT 04:00 BBC News (w172ykqk9sz77f5)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 The Real Story (w3ct33q8)

[Repeat of broadcast at 00:06 today]

SAT 05:00 BBC News (w172ykqk9sz7c59)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172yl85q6b6psp)

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

SAT 05:30 BBC News Summary (w172ykrcrjkxqfp)

The latest two minute news summary from BBC World Service.

SAT 05:32 The Explanation (w3ct4m2d)

Sudan's journey from independence to revolution

A military coup in 1989 brought Omar al-Bashir to power, until being overthrown by the military in the face of mass protests in 2019. During this time, war has raged in Darfur, South Sudan has gained independence and the Sudanese people demanded a return to civil government.

BBC journalist Mohanad Hashim grew up in Khartoum and has reported extensively on the Middle East and Africa. He speaks to Claire Graham about Sudan's journey from independence to revolution.

Producer: Owen McFadden Presenter: Claire Graham

SAT 05:50 More or Less (w3ct3k60)

Florence Nightingale and how she visualised data

Florence Nightingale became one of the icons of Victorian Britain for her work as a nurse during the Crimean War and the public health improvements she successfully campaigned for later on. Tim Harford discusses how she and her 'Nightingale Circle' used spectacular diagrams to explain health statistics persuasively with RJ Andrews, editor of "Florence Nightingale, Mortality and Health Diagrams".

Presenter: Tim Harford Producer: Jon Bithrey Editor: Richard Vadon

Production Co-Ordinator: Brenda Brown Sound Engineer: Graham Puddifoot

(Diagram of 'The causes of mortality in the army in the East' 1858 by Florence Nightingale. Public domain)

SAT 06:00 BBC News (w172ykqk9sz7gxf)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172ykwx1t5tt8n)

Ukraine's health sector struggles under the effects of war

The World Health Organisation Regional Director for Europe, Hans Kluge, is in Ukraine to assess the needs of the country's health sector which is crippled by the war against Russia.

Also in the programme: A Turkish travel blogger shares his memories of the ancient city of Antakya which now lies in ruins after being hit by a devastating earthquake almost two weeks ago.

And as the first anniversary of Russia's invasion of Ukraine approaches, we find out why Serbian people have chosen to support Russia over Ukraine.

Joining Paul Henley to discuss these and other stories are Jacquelin Magnay the European Correspondent for The Australian, based in London and Yannis Palaiologos, correspondent at large for the Greek daily newspaper

(Picture: A healthcare worker treats a woman wounded in a residential building destroyed by a Russian missile strike, amid Russia's attack on Ukraine, in a hospital in Kramatorsk, Ukraine February 2, 2023. Credit: REUTERS/Vyacheslav Madiyevskyy)

SAT 07:00 BBC News (w172ykqk9sz7lnk)

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172ykwx1t5ty0s) British PM set to rally support for Ukraine

British PM set to rally support for Ukrain

British Prime Minister, Rishi Sunak, is expected to urge Western allies to double down on their military support for Ukraine when he delivers his speech later today at a security conference in Munich.

Also in the programme: the mayor of Erzin, a small city in the Turkish province of Hatay which was hit by a devastating earthquake last week, tells us how the city and its people were spared.

And why a controversial diamond claimed by India has become a subject of much discussion ahead of King Charles' coronation.

Joining Paul Henley to discuss these and other stories are Jacquelin Magnay the European Correspondent for The Australian, based in London and Yannis Palaiologos, correspondent at large for the Greek daily newspaper Kathimerini.

(Picture: Prime Minister Rishi Sunak is due to say the West must give Ukrainian armed forces the "advanced, Nato-standard capabilities" needed to banish Russian troops from its land. Rishi Sunak will tell the Munich Security Conference that more needs to be done to "boost Ukraine's long-term security" and that leaders must "double down" on military support for the wartorn country. Photo credit: Peter Nicholls/PA Wire)

SAT 08:00 BBC News (w172vkqk9sz7qdp)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172vkwx1t5v1rx)

Turkish writer and essayist Kaya Genc reflects on the growing anger in the country after the deadly earthquake which has claimed thousands of lives.

Also in the programme: a journalist who helped make a documentary nominated for a prestigious British accolade has been barred from attending the awards ceremony on security

And we will also hear from the one-time child prodigy Alma Deutscher who has just written an opera.

Joining Paul Henley to discuss these and other stories are Jacquelin Magnay the European Correspondent for The Australian, based in London and Yannis Palaiologos correspondent at large for the Greek daily newspaper

(Picture: Rescue workers pass by in the aftermath of a deadly earthquake in Kahramanmaras, Turkey February 17, 2023. Credit: REUTERS/Maxim Shemetov TPX IMAGES OF THE DAY)

SAT 08:30 BBC News Summary (w172vkrcrikv2p2)

The latest two minute news summary from BBC World Service.

SAT 08:32 The Conversation (w3ct37n6)

Step-mothers: The joys and challenges

Kim Chakanetsa talks to a US step-parenting coach and a journalist in India about their experience of being a stepmother. They discuss the challenges of blended families and give advice to women in similar situations.

When Naja Hall began dating a divorced man with three young children she was soon dealing with difficult, confusing and stressful scenarios. When she couldn't find the practical advice she needed she set up online forums Blended and Black and VIP Stepmom. She's now a well-regarded step-parenting coach who specialises in high-conflict situations

Aarushi Ahluwalia was 26 when her husband's son came to live with them. In India there's a social stigma around being a stepparent where just 1% of marriages end in divorce and she knows very few other women with her experience. She says that as a step-mother you have all of the responsibility but none of the rights of a parent, despite this she's found it really rewarding to care for and love her step-son.

Produced by Jane Thurlow

(Image: (L) Aarushi Ahluwalia, courtesy Aarushi Ahluwalia. (R) Naja Hall, courtesy Naja Hall.)

SAT 09:00 BBC News (w172vkgk9sz7v4t)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct418t)

Ahead of the upcoming general election in Nigeria, Alan Kasujja hosts a special conversation from the commercial capital of Lagos. He sat down with around 20 young people to debate and talk about their lives in what many refer to as the

Even though the four leading candidates are all over 60, the average age in Nigeria is around 18, one of the youngest populations in the world. Nigeria is also Africa's largest economy, and it has the biggest population in the continent too. As one might expect, there are many challenges for a new president.

Writers, security guards, teachers, web designers and entrepreneurs are among those who join Alan to talk about issues including education, money, safety, corruption and the lack of women in the political landscape

Stella, a TV presenter, is among our guests. She tells us:

"Unfortunately when women come forward for positions like this, that's when they tell you: 'How many men have you slept with?' They don't do that to the men and these are the things that really hinder a lot of women who a really want to come forward.

(Photo: Pepper vendors wait for customers at a roadside market in the Ojodu district in Lagos, Nigeria, 08 February 2023. Credit: Akintunde Akinleye/EPA-EFE/Rex/Shutterstock)

SAT 09:30 BBC News Summary (w172ykrcrjky6f6)

The latest two minute news summary from BBC World Service.

SAT 09:32 Pick of the World (w3ct41v3)

A plea from earthquake-hit Syria

An update from a follower in earthquake-hit northern Syria. Plus, the strange case of UFOs over the US - and the great German sausage crisis.

SAT 09:50 Over to You (w3ct35tk)

Behind-the-scenes of a weekend news show

It is billed as a "review of the week with the latest news" - we meet the team behind Weekend and put to them your comments and feedback.

Plus, where does the BBC World Service stand on issuing programme transcripts? A listener in the Philippines wants to

Presenter: Rajan Datar Producer: Howard Shannon.

A Whistledown Production for BBC World Service

SAT 10:00 BBC News (w172ykqk9sz7ywy)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w3ct363l)

Sportshour remembers Christian Atsu

Ghanian sports broadcaster Michael Oti Adjei and the BBC's John Bennett pay tribute to Christian Atsu after he was found dead under the rubble of his home almost two weeks after the Turkey earthquake.

The Ghana international - who was playing in Turkey for Hatayspor - had spells with Premier League sides Everton, Chelsea and Newcastle and was also well respected for his charity work in Ghana

Photo: Christian Atsu of Newcastle United arrives before the Premier League match between Newcastle United and Crystal Palace at St. James's Park, Newcastle on Saturday 21st December 2019. (Credit: NurPhoto via Getty Images)

SAT 11:00 BBC News (w172vkgk9sz82n2)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172vl85q6b7f8g)

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

SAT 11:30 BBC News Summary (w172ykrcrjkyfxg)

The latest two minute news summary from BBC World Service.

SAT 11:32 The Climate Question (w3ct3kk8)

How can oceans help us capture carbon?

The ocean covers over 70% of the Earth's surface and can hold more than 150 times the amount of carbon dioxide as air. Around a quarter of CO2 emissions created by human activity each year is absorbed by them. From phytoplankton to whales to seagrass meadows, we explore how this happens. And in climate news, we hear about the wildfires and drought affecting Chile.

Hosts Jordan Dunbar and Kate Lamble speak with:

Rita Stevn, Contributing Editor at The Marine Diaries and lecturer at University of Tampa, Florida Michael Yap is a Marine Biologist and Founder of Seagrass Guardians, Malaysia

Dr. Haimanti Biswas, Principal Scientist of Biological Oceanography at CSIR-National Institute of Oceanography, India

Dr. Annette Scheffer, Marine Biologist and Lecturer, speaking with us from Antarctica

John Kirkwood, Marine Biologist and Expedition Leader speaking with us from Antarctica

Alex Godoy Faundez, Director of the Sustainability Research Centre, Universidad of Desarrollo in Chile

This programme was first broadcast in May 2022

Researcher: Immie Rhodes Reporter: Mark Stratton

Producers: Dearbhail Starr and Sophie Eastaugh

Series Producer: Alex Lewis Editor: Richard Fenton-Smith

Sound Engineer: Tom Brignell and Neil Churchill Production coordinator: Siobhan Reed

SAT 12:00 BBC News (w172ykqk9sz86d6)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 The Documentary (w3ct3jzl)

Cold War in full swing

Jazz and communist East Germany seem unlikely bedfellows. Yet in 1965 Louis Armstrong became the first American entertainer to play jazz there at the height of the Cold War. Germans celebrated Armstrong, and his visit became a propaganda victory for East Germany, helping it to boost its reputation in the wake of its oppressive government building the Berlin Wall in 1961.

On his brief and only tour through East Germany Armstrong played to packed houses. His popularity surprised the authorities very much considering not one record of him was available before 1965 and one's passion for the music could land you in prison.

Kevin Le Gendre peeks through the former Iron Curtain to discover the dangers jazz lovers faced to pave the way for these legendary concerts to happen. He speaks to jazz journalist Karlheinz Drechsel who first risked his career for jazz but then had the privilege to accompany Louis Armstrong on the tour and announce his concerts. He tells Kevin what it was like meeting Louis Armstrong. Armstrong not only had to navigate political sensitivities on the Cold War front between East and West, but also on the home front in the US, when questioned about the Civil Rights Movement, which was at its peak.

With contributions from journalists Siegfried Schmidt-Joos and Leslie Colitt, the jazz fan Volker Stiehler, jazz journalist Detlef Ott, authors Ricky Riccardi and Stephan Schulz, pianist Ulrich Gumpert, and Roland Trisch, who worked at East Germany' Artists Agency, which enabled Louis Armstrong's tour. Archive material of the Selma to Montgomery march in Alabama on 7 March 1965 is courtesy of the Robert H Jackson Center.

Since making the programme jazz journalist Karlheinz Drechsel passed away

SAT 13:00 BBC News (w172vkqk9sz8b4b)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172yfcgdzrbw2m)

Turkey-Syria earthquake: survival stories

Nearly two weeks after the devastating earthquakes in Turkey and Syria, we hear about the struggle to survive in the city of Antakya, Turkey.

Also on the programme: world leaders are meeting at the Munich Security Conference to discuss the Ukraine war, there's a call for increased military support for Kviv.

And in New Zealand, Cyclone Gabrielle has devastated the North Island and cut off hundreds of communities.

(Photo: Rescuers carry the body of a victim at the site of a collapsed building, in the aftermath of the deadly earthquake, in Antakya, Turkey. Credit: Reuters)

SAT 14:00 BBC News (w172ykqk9sz8fwg)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172ygk6jj593x7)

Live Sporting Action

Sportsworld brings commentary of English champions Manchester City's trip to Nottingham Forest. League leaders Arsenal are the early kick off in the Premier League on Saturday as they welcome Aston Villa to the Emirates. It's an important day for Arsenal and City as it comes four days after the two sides met in the league for the first time.

Joining Lee James will be the former West Ham midfielder Nigel Reo Coker and the current Republic of Ireland defender Louise Quinn, who will be on international duty with her country. As well as Louise, Lee will be speaking to Italy international Aurora Galli about the Arnold Clark Cup

We'll have the latest on all things cricket: Women's T20 World

Cup, the second Test of the Border–Gavaskar Trophy between India and Australia as well as New Zealand and England. Plus ahead of the All Star break in the NBA, we'll look at the season so far.

Photo: Erling Haaland of Manchester City scores to make it 2-0 during the Premier League match between Manchester City and Nottingham Forest at Etihad Stadium on August 31, 2022. (Credit: Getty Images)

SAT 18:00 BBC News (w172ykqk9sz8xvz)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172yl85q6b88hc)

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

SAT 18:30 BBC News Summary (w172ykrcrjkz94c)

The latest two minute news summary from BBC World Service.

SAT 18:32 The Explanation (w3ct4m2d)

[Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct36gw)

Muay Thai: World champion Sylvie Von Duuglas-Ittu

American Sylvie Von Duuglas-Ittu started Muay Thai fighting in Boulder, Colorado. It was a trip to Thailand that made her realise that if she wanted to progress in the sport, she would have to move there permanently to train and fight.

She quickly became one of the best fighters in the martial art, surpassing 200 fights; something no other western fighter has achieved in Thailand. She became WBC Muay Thai minimum weight world champion in 2023.

Sylvie has been speaking to Wayne Wright for this Made in Manchester production.

(Photo: Sylvie Von Duuglas-Ittu in training for a fight. Credit: Kevin Von Duuglas-Ittu)

SAT 19:00 BBC News (w172ykqk9sz91m3)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 BBC World Drama (w3ct4z79)

The Snowman

The Snowman by Neil Flynn is a lyrical monologue telling of an Antarctic explorer's desperate attempts to make it back to base camp with two colleagues. It was inspired in part by Irish polar explorer Tom Crean's efforts to save a sick crew member during his first Antarctic expedition. The man is played by Damien Molony.

It won the English as a First Language prize of the International Playwriting Competition hosted by the BBC World Service and the British Council. The competition offers a unique opportunity for playwrights to use the medium of audio drama to reach a global audience. The competition has two first prizes – one for writers with English as a First Language and another for writers with English as a Second Language. Both winners attend an awards ceremony in London and see their plays recorded for broadcast and streaming on the BBC World Service.

Writer: Neil Flynn Music composer: Jon Nicholls Sound design: Keith Graham Director: Tracey Neale

(Photo: Illustration of an Antarctic explorer sitting in the snow outside his tent. Credit: Getty Images)

SAT 20:00 BBC News (w172ykqk9sz95c7)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct391h)

Director Pan Nalin on the importance of family

Nikki Bedi is joined by Indian film director Pan Nalin whose latest movie, Last Film Show is India's official Oscar entry.

Together with Bollywood aficionado Anil Sinanan they discuss Michelle Yeoh's Oscar nominated performance in Everything Everywhere All at Once.

Indian director Shekhar Kapur talks about his cross-cultural rom-com What's Love Got to Do with It?.

American comedy screenwriter Monica Heisey on her debut

novel.

Rapper, Youtuber and boxer KSI talks about his Nigerian work ethic.

The Oscar winning Mexican film-maker Alejandro González Iñárritu on his latest, Bardo

And live fado music from Ana Moura

(Photo: A still from Last Film Show. Credit: Chhello Show LLP)

SAT 21:00 BBC News (w172ykqk9sz993c)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172yfcgdzrcv1n)

World leaders call for long-term support of Ukraine

World leaders are meeting at the Munich Security Conference, as issues including the Ukraine war and US-China relations dominate headlines.

Also on the programme: a Chinese balloon shot down off the coast of South Carolina is being investigated by US authorities to see what information it may have collected.

And a row has erupted over changes to the works of renowned, and controversial, British author Roald Dahl.

(Photo: US Vice President Kamala Harris speaks during the 2023 Munich Security Conference in Munich, Germany. Photo credit: Johannes Simon / Getty)

SAT 22:00 BBC News (w172ykqk9sz9dvh)

The latest five minute news bulletin from BBC World Service.

SAT 22:06 The Newsroom (w172yrx9vqp0dx2)

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

SAT 22:20 Sports News (w172yghkn1yyhws)

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

SAT 22:30 BBC News Summary (w172ykrcrjkzs3w)

The latest two minute news summary from BBC World Service.

SAT 22:32 The Cultural Frontline (w3ct37ss) Modi's hip-hop nation

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Rap is huge in India and Desi hip-hop, the music and culture which combines the influences of hip-hop and the Indian subcontinent, is about to go global.

Fan and champion Bobby Friction meets the leading artists on the scene as US rap legend Nas, begins a new hip-hop label in Mumbai. Nas has no doubt that the next global rap superstar will come from India but hip-hop culture is about more than shifting records. Rap is giving India's lower caste, religious minorities and women a space to speak truth to power and change the narrative around who can be a music star.

Bobby speaks with Raja Kumari who was signed by Nas but is now stepping out on her own label Godmother Records with the intention of pushing female rappers in a male dominated scene. Prabh Deep is the Sikh class warrior and poet taking rap to new artistic levels from the grimiest parts of Delhi but also scoring hits with his take on life in India today. Prabh's label mate Ahmer is the politically conscious Muslim rapper from Kashmir who uses music to process the violence he has witnessed in the disputed territory.

These rising stars alongside artists like KRSNA, Raftaar, Naezy and Divine are inspiring a new generation of hip-hop heads in Delhi, Mumbai and across India.

(Photo: Bobby Friction at a hip-hop event in Mumbai)

SAT 23:00 BBC News (w172ykqk9sz9jlm)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 Music Life (w3ct3017)

Becoming your own muse, with Amelia Moore, REI AMI, G Flip and Royal & the Serpent

Amelia Moore, REI AMI, G Flip and Royal & the Serpent discuss favourite lyrics, the power of the second verse, getting inspiration in the shower, learning to become more vulnerable and how their upbringings influence their music.

Amelia Moore is a singer and multi-instrumentalist based in Los Angeles, whose future pop sound is inspired by artists including Frank Ocean, SOPHIE and Flume. Having started playing violin at the age of 4, she taught herself piano and started writing songs at 13, before producing for other artists by the age of 16. During the pandemic she started sharing songs on TiKTok, which led to a record deal and her debut EP, in a whirlwind journey she describes as "homeschool to Hollywood".

REI AMI is a South Korean-born, US-raised singer whose breakout single Snowcone went viral in 2019. Her rebellious pop sound has earned support from Billie Eilish and former Music Life guest FINNEAS, and her debut mixtape Foil was released in 2021.

G Flip is an Australian singer, producer and drummer who makes synth-driven indie pop with vulnerable, relatable lyrics. Their powerful single Waste of Space reflects on and celebrates their non-binary identity.

Royal & the Serpent is an American singer who blends rock guitar riffs and heavy hyperpop drums with experimental industrial sounds and deeply personal lyrics. Her latest EP, Happiness is an Inside Job, came out in October last year.

SUNDAY 19 FEBRUARY 2023

SUN 00:00 BBC News (w172ykqk9sz9nbr)

The latest five minute news bulletin from BBC World Service.

SUN 00:06 BBC OS Conversations (w3ct418t)

[Repeat of broadcast at 09:06 on Saturday]

SUN 00:30 BBC News Summary (w172ykrcrjl00m4)

The latest two minute news summary from BBC World Service.

SUN 00:32 The Explanation (w3ct4m2d)

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 More or Less (w3ct3k60)

[Repeat of broadcast at 05:50 on Saturday]

SUN 01:00 BBC News (w172ykqk9sz9s2w)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Science Hour (w3ct3b0j)

In the decade since the genome editing capabilities of CRISPR-Cas9 emerged, research into novel medicines has boomed – but alongside progress comes new ethical considerations. Controversy erupted in 2018, when Chinese scientist He Jiankui created the first babies with edited genomes. After leaving prison last year, he's now back in the lab trying to raise support for new research but refuses to discuss the ethical implications of his work. Dr Joy Zhang recently arranged a bioethics seminar and invited He Jiankui, it was the first time he'd agreed to engage with a global cohort of CRISPR scientists since returning to his research.

Going back in time from cutting-edge to ancient technology, some of the oldest stone tools ever used by human ancestors have been unearthed at a fossil site in Kenya. Professor Tom Plummer talks us through the findings and how important the tools were in our evolution.

And we immerse ourselves in the mysterious sounds of the Arctic and Antarctic, from singing ice to the man-made noises of oil and gas drilling. These dramatic soundscapes, created for the Polar Soundscapes project, showcase just how busy our oceans are. Dr Geraint Rhys Whittaker, composer and project lead, believes a novel approach may be required to prompt climate action.

Yoga benefits our health in many ways, say the yogis, but which claims are backed up by science? Can yoga actually alleviate depression, fix lower-back pain or even reduce cardiovascular disease?

Presenter Marnie Chesterton gets into her Lotus (position) and finds out first-hand at a class. Whilst in warrior one, she discusses the potential physical and mental health benefits of this ancient art of stretching, balance and movement with her class teacher. Returning from mat to studio, Marnie puts some of those claims to experts around the globe. She investigates the evidence to find out whether health boosting properties are the key to yoga's enduring popularity.

Image Credit: Anthony Wallace

Presenter: Roland Pease

Producer: Harrison Lewis Assistant Producer: Sophie Ormiston

SUN 02:00 BBC News (w172ykqk9sz9wv0)

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SUN 02:06 The Newsroom (w172yl85q6b97gd)

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SUN 02:30 BBC News Summary (w172ykrcrjl083d)

The latest two minute news summary from BBC World Service.

SUN 02:32 Health Check (w3ct32xr)

Biting back: The fight against snakebite

Venomous snakebites are responsible for up to 150,000 deaths a year around the world – and they also leave around half a million survivors with life-changing injuries, including amputations and disfigurement.

In this week's Health Check we investigate why snakebite still disproportionately affects poorer, more rural communities, and what is being done to tackle the problem.

We'll talk to a mother in Kenya whose little girl was bitten by a snake not once, but twice, and to a doctor about how it feels to save lives. We'll hear how anti-venoms are checked and how in many cases they are too expensive to afford and how there are not always enough supplies. And even when they are available some don't work well.

Smitha Mundasad also visits the Centre for Snakebite Research and Interventions in Liverpool, England, where she gets to see a snake being "milked" for its venom – and finds out how new and improved anti-venoms are being created, all with a little help from camels.

Join us on a journey crossing continents, from the front line of the fight against snakebite to the hunt for new therapies.

Image: Herpetologist Edouard Crittenden "milking" a snake for

Presenter: Smitha Mundasad Producers: Gerry Holt & Julia Ravey

SUN 03:00 BBC News (w172ykqk9szb0l4)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Documentary (w3ct3jzl)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172ykqk9szb4b8)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct32bp)

Rescue hopes fade in Turkey and Syria

Pascale Harter presents stories from Turkey, Nigeria and

Lyse Doucet has been in southern Turkey reporting on the earthquake which has devastated towns there and in north-west Syria, and left more than five million people homeless. She describes how rescue efforts are now changing to a recovery mission as hopes of finding survivors fade - but among the ruins, there are still families hoping for a miracle.

Meanwhile, also in southern Turkey, Nick Beake says many people he's spoken to are angry about the scale of the disaster, and are beginning to ask the big questions: why did so many buildings collapse, who allowed this to happen, and what do we do now?

Africa's most populous country, Nigeria, heads to the polls next week to elect a new president. The election is shaping up to be the most competitive since Nigeria's transition to civilian rule 24 years ago and for the first time there's a viable third-party candidate. Peter Obi, a former state governor, has been enthusing crowds of young Nigerians, a generation that until now has been disillusioned by Nigerian politics. But, as the BBC's Mayeni Jones explains, this election comes at a particularly tumultuous time for the African superpower.

It's four months since Russia first launched a wave of drone and missile attacks aimed at destroying Ukraine's power grid. During the recent winter months, millions of Ukrainians have had to put up with regular power cuts, sometimes lasting for days. Paul Adams meets the army of engineers who are working around the clock to try to re-connect Ukraine's towns and cities.

Producer: Louise Hidalgo

Editor: Richard Fenton-Smith Production Coordinator: Helena Warwick-Cross

SUN 04:30 BBC News Summary (w172ykrcrjl0hln)

The latest two minute news summary from BBC World Service.

SUN 04:32 The Cultural Frontline (w3ct37ss)

[Repeat of broadcast at 22:32 on Saturday]

SUN 05:00 BBC News (w172ykqk9szb82d)

The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172vl85q6b9lps)

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

SUN 05:30 BBC News Summary (w172ykrcrjl0mbs)

The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct50pm)

America's first black bank

The Freedman's Bank was established in 1865 after the abolition of slavery and the Civil War. The Bank was designed to help newly freed African Americans in their quest to become financially stable. At its peak, it stretched across huge swathes of America. But what began with huge promise ended in massive failure nine years later, leaving a legacy of distrust in its wake. For US Black History Month, Szu Ping Chan looks in the the history and lessons from the collapse of America's first black bank.

(Photo: The north side of the 1500 block of Pennsylvania Avenue, NW, Washington, D.C., with Riggs Bank (no.1501) at right, and the Department of Justice building (formerly the Freedman's Savings and Trust Company bank) at left, on Madison Place, circa 1888. Artist: Frances Benjamin Johnston. Credit: Heritage Art/Heritage Images/Getty Images)

SUN 06:00 BBC News (w172ykqk9szbctj)

The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172ykwx1t5xq5r)

Ukrainian refugees still arriving in Poland

As the first anniversary of the start of the war approaches, many Ukrainians continue to leave the country. The BBC's Sarah Rainsford has been to meet some of them in Poland, and others who have been there since the conflict began. Also in the programme: at the Munich Security Conference Western nations unite in their support for Ukraine, as the US vice-president says Russia has carried out war crimes; and adverts for natural gas are all over social media, but how clean is it as an energy source?

Joining Paul Henley to discuss these and other stories are Julia Buxton, a professor of criminology specialising in international drug policy at the University of Manchester, and Christopher de Bellaigue, a British journalist, author and historian.

(Photo: Refugees brave the cold in a frozen field after they fled from Ukraine - March 2022 Credit: REUTERS/Kai Pfaffenbach)

SUN 07:00 BBC News (w172ykqk9szbhkn)

The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172ykwx1t5xtxw)

Munich Security Conference: Western nations unite in support for Ukraine

The United States has warned China against supplying weapons to Russia for its war against Ukraine; the US vice-president says Russia has carried out war crimes.

Also in the programme: an independent commission in Portugal this week released a damning report on the Roman Catholic Church in that country; and how Western Australia is trying to encourage Brits to emigrate.

Joining Paul Henley to discuss these and other stories are Julia Buxton, a professor of criminology specialising in international drug policy at the University of Manchester, and Christopher de Bellaigue, a British journalist, author and historian.

(Photo: US Vice-President Kamala Harris speaks during the Munich Security Conference Credit: REUTERS/Wolfgang Rattay)

$SUN~\bf 08:00~BBC~News~(w172ykqk9szbm9s)$

The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172vkwx1t5xyp0)

What has the Munich Security Conference achieved?

Western nations unite in support for Ukraine, as the US vicepresident says Russia has carried out war crimes.

Also in the programme: a two-day African Union summit in the Ethiopian capital, Addis Ababa, begins today with food security at the top of the agenda; and we speak to David Gutenmacher, a New York-based photographer who finds old photographs and returns them to their owners.

Joining Paul Henley to discuss these and other stories are Julia Buxton, a professor of criminology specialising in international drug policy at the University of Manchester, and Christopher de Bellaigue, a British journalist, author and historian.

(Photo: US Vice-President Kamala Harris speaks with Finland's Prime Minister Sanna Marin and Sweden's Prime Minister Ulf Kristersson, during the Munich Security Conference Credit: REUTERS/Wolfgang Rattay)

SUN 08:30 BBC News Summary (w172ykrcrjl0zl5)

The latest two minute news summary from BBC World Service.

SUN 08:32 The Food Chain (w3ct38p6)

The growth of food banks in Africa

Food banks have operated for decades in North America and Europe. They are generally operated as non profits, connecting food businesses that have waste with individuals, families and charities that need food.

In 2006 there was just one African food bank in Egypt. A second opened in South Africa in 2009. Today there are around twenty five across the continent.

In this programme we look at how African countries have adapted food banks to their needs, and hear how they address criticisms that the food bank model itself is flawed when it comes to addressing food poverty.

We ask Nairobi based reporter Michael Kaloki to spend a day with Food Banking Kenya, and its founder and CEO John Gathungu. Michael visits their warehouse storage, meets small holder farmers donating surplus food, and speaks to women living in some of Nairobi's informal settlements that rely on food donations.

Ruth Alexander speaks to Elijah Addo, who founded one of Africa's first food banks in 2015, Food for All Africa in Ghana. Gaby Kafarhire at The Global FoodBanking Network, based in Chicago in the United States, talks about the particular challenges African food banks face. And researcher Gareth Haysom at the African Centre for Cities at the University of Cape Town shares his concerns about the current system.

Presented by Ruth Alexander.

Produced by Beatrice Pickup.

Additional reporting by Michael Kaloki in Nairobi.

(Image: a food bank worker lifting a crate of vegetables onto a truck. Credit: BBC)

SUN 09:00 BBC News (w172ykqk9szbr1x)

The latest five minute news bulletin from BBC World Service.

SUN 09:06 From Our Own Correspondent (w3ct32bp) [Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172ykrcrjl13b9)

The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3ct41ft)

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 is now seeking to help single Latina mothers break the intergenerational chains of poverty. (A longer version of this interview was first broadcast in August 2022)

Presenter: Clayton Conn

Producer: Maryam Maruf

Get in touch: outlook@bbc.com

(Photo: Claudette Zepeda. Credit: Alejandro Ibarra)

SUN 10:00 BBC News (w172vkqk9szbvt1)

The latest five minute news bulletin from BBC World Service.

SUN 10:06 People Fixing The World (w3ct3j3q)

Sea cucumbers fixing the world

Meet the oceans' unsung hero - the humble sea cucumber. An animal in the same family as starfish that looks like a lumpy sausage and lives on the ocean floor could help with some of the impact of global warming, pollution from fish farms and damage from the fishing industry that are threatening some of the oceans most important ecosystems.

We meet the Australian researchers using drones to count the cucumbers to understand how their poo is helping coral reefs. And in Madagascar, we speak to the local communities which are learning to sustainably farm the creature, protecting the seas and increasing their income along the way.

Presenter: Myra Anubi Producer/Reporter: Lizzy McNeill Series producer: Tom Colls Sound mix: Annie Gardiner Editor: Penny Murphy

Email: peoplefixingtheworld@bbc.co.uk

(Image: Sea cucumbers. Credit: Getty Images)

SUN 10:30 BBC News Summary (w172ykrcrjl172f)

The latest two minute news summary from BBC World Service.

SUN 10:32 Heart and Soul (w3ct424m)

Stripped of my spirituality

Aged four, Mary was playing in her parents' front yard, when she was grabbed by "the government people" and taken to a Catholic boarding school to be turned into a Christian. She's just one of thousands of Native Americans who were forcibly removed from their homes and put into boarding schools from the 1800s right up to the 1970s. According to a US government report, the purpose of these schools was to strip indigenous people of their spiritual beliefs, culture and land. A government investigation also found that physical, emotional and sexual abuse was "rampant". Indigenous Americans' spiritual beliefs are now experiencing a renaissance, but is this revival enough to enable Mary and her friends heal from a childhood of trauma in America's residential schools?

Presenter: Leana Hosea

Producer: Leana Hosea with Rajeev Gupta Production co-ordinator: Nancy Bennie Editor: Helen Grady

Editor: Helen Grady

SUN~11:00~BBC~News~(w172ykqk9szbzk5)

The latest five minute news bulletin from BBC World Service.

SUN~11:06~The~Newsroom~(w172yl85q6bbb5k)

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

SUN 11:30 BBC News Summary (w172ykrcrjl1btk)

The latest two minute news summary from BBC World Service.

SUN 11:32 The Compass (w3ct4xrc)

The Invention Of Russia

The invention of Russia: A tale of two Ivans

Countries look so cohesive on the map - sturdy borders, familiar shapes. Don't be misled. They didn't always look like this. This is the story of Russia, biggest contiguous country on the planet, told from the time when it was still very small.

With contributions across the series from Janet Hartley, author of a history of the Volga; Rhodric Braithwaite, former ambassador to Moscow; historian and sociologist, Mischa Gabowitsch; Anthony Beevor; Natalia Antelava; Kateryna Khinkulova; Dominic Lieven; Olesya Khromeychuk; and James Hill of the New York Times.

(Photo: View of the Moskva River and the Moscow Kremlin. Credit: Vlad Karkov/Getty Images)

SUN 12:00 BBC News (w172ykqk9szc399)

The latest five minute news bulletin from BBC World Service.

SUN 12:06 BBC World Drama (w3ct4z79)

[Repeat of broadcast at 19:06 on Saturday]

SUN 13:00 BBC News (w172ykqk9szc71f)

The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172vfcgdzrfrzq)

US: China may give Russia weapons

The US Secretary of State Antony Blinken has alleged that China is considering supplying weapons and ammunition to Russia for its war against Ukraine. What's the view in Beijing?

Also in the programme: A new phase in the stifling of dissent in Nicaragua. We speak to an exiled writer stripped of her citizenship.

And the Ukrainians helping their neighbours through hard times

(File photo: US Secretary of State Antony Blinken speaks to the media prior to meetings at the State Department in Washington, US on February 7, 2023. Olivier Douliery/Pool via Reuters/File Photo)

SUN 14:00 BBC News (w172vkgk9szcbsk)

The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Forum (w3ct38tq)

Neanderthals: Meet the relatives

Developments in new technology such as DNA sequencing have transformed our understanding of the Neanderthals, one of a group of archaic humans who occupied Europe, the Middle East and Western Asia more than 300,000 years ago.

First identified by fossil remains in 1856 in a German quarry, the Neanderthals led an extremely physical existence as huntergatherers. They were stronger than us, adaptable as a species to huge variations in climate, with brains as large as ours and sophisticated ways of creating tools.

Many of us carry some of the DNA of Neanderthals, thanks to interbreeding with homo sapiens. Although the Neanderthals today are no longer with us, their story has a lot to tell us about ourselves and our future survival on the planet.

Rajan Datar is joined by Janet Kelso, a computational biologist and Group Leader of the Minerva Research Group for Bioinformatics at the Max Planck Institute for Evolutionary Anthropology. She specialises in the analysis of DNA sequencing of ancient people such as Neanderthals; Katerina Harvati, the Senckenberg Professor for Paleoanthropology and Director of the Institute for Archaeological Sciences at the University of Tübingen. Her work focuses on the origins of modern humans and Neanderthal evolution; and archaeologist and writer Rebecca Wragg Sykes, Honorary Fellow in the School of Archaeology, Classics and Egyptology at the University of Liverpool. Her award-winning book Kindred: Neanderthal Life, Love, Death and Art was published in 2020.

Produced by Fiona Clampin for the BBC World Service

(Image: Neanderthal Female, re-created by artists Andrie and Alfons Kennis. Photo: Joe McNally/Getty Images)

SUN 14:50 Over to You (w3ct35tk)

[Repeat of broadcast at 09:50 on Saturday]

SUN 15:00 BBC News (w172ykqk9szcgjp)

The latest five minute news bulletin from BBC World Service.

SUN 15:06 Sportsworld (w172ygk6jj5d4kg)

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

SUN 19:00 BBC News (w172ykqk9szcyj6)

The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172yl85q6bc94l)

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

SUN 19:30 BBC News Summary (w172ykrcrjl29sl)

The latest two minute news summary from BBC World Service.

SUN 19:32 Heart and Soul (w3ct424m)

[Repeat of broadcast at 10:32 today]

SUN 20:00 BBC News (w172ykqk9szd28b)

The latest five minute news bulletin from BBC World Service.

SUN 20:06 The History Hour (w3ct39mk)

'Hot Autumn' and Tutankhamun

Max Pearson presents a collection of this week's Witness History episodes from the BBC World Service. Our guest is Ilaria Favretto, Affiliate Professor at Kingston University in London, who tells us about the history of workers' protests across Europe.

The programme begins with a former union leader describing Italy's 'Hot Autumn' of 1969 when protests erupted. Then, we hear the archaeologist Howard Carter's remarkable account of opening the burial chamber of Tutankhamun, the Egyptian Pharaoh, 100 years ago.

In the second half of the programme, we hear about the creation of Pokémon, and the coronation of Denmark's first Queen in 600 years. Finally, an American woman tells us how she became a Muay Thai boxing champion.

Contributors:

Ilaria Favretto - Affiliate Professor at Kingston University in London

Renzo Baricelli - Italian union leader. Howard Carter - British archaeologist. Akihito Tomisawa - Pokémon developer. Kjeld Olesen - Danish politician.

Sylvie Von Duuglas-Ittu - Muay Thai boxer.

SUN 21:00 BBC News (w172ykqk9szd60g)

The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172yfcgdzrgqyr)

Turkey earthquake: Rescue effort ends in all but two areas

Turkey has ended rescue efforts in all but two provinces, almost two weeks after a massive earthquake killed tens of thousands of people, the country's disaster agency said.

Also in the programme, tensions remain high after Moldova's president accused Russia of plotting to use foreign "saboteurs" to overthrow her pro-EU government.

And the head of the European Trade Union Confederation speaks exclusively to Newshour about her dramatic expulsion from Tunisia, after she took part in a union demonstration in the city of Sfax.

(Picture: Members of a search and rescue team work to recover bodies from rubble on February 19, 2023 in Hatay, Turkey. Picture credit: Chris McGrath/Getty Images)

SUN 22:00 BBC News (w172ykqk9szd9rl)

The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Newsroom (w172yrx9vqp39t5)

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

SUN 22:20 Sports News (w172yghkn1z1dsw)

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

SUN 22:30 BBC News Summary (w172ykrcrjl2p0z)

The latest two minute news summary from BBC World Service.

SUN 22:32 Outlook (w3ct41ft) [Repeat of broadcast at 09:32 today]

[Repeat of broadcast at 09:32 today

SUN 23:00 BBC News (w172ykqk9szdfhq)

The latest five minute news bulletin from BBC World Service.

SUN 23:06 Tech Tent (w3ct4kj5)

Apple workers accuse firm of 'union busting'

One employee tells the BBC the tech giant has been attempting to 'scare' staff. The firm says it continues to 'make enhancements to our industry-leading benefits as a part of the overall support we provide to our valued team members.' We'll also hear from the African Tech Summit taking place in Kenya. And we learn how a small team of visual effects artists created the look of the stunning Oscar contender - Everything, Everywhere All at Once - using laptops in their bedrooms.

Page 6 of 16

Image credit: Reuters/ Joshua Roberts

SUN 23:30 BBC News Summary (w172ykrcrjl2ss3)

The latest two minute news summary from BBC World Service.

SUN 23:32 Pick of the World (w3ct41y3)

[Repeat of broadcast at 09:32 on Saturday]

SUN 23:50 Over to You (w3ct35tk)

[Repeat of broadcast at 09:50 on Saturday]

MONDAY 20 FEBRUARY 2023

MON 00:00 BBC News (w172ykqkp28jdj0)

The latest five minute news bulletin from BBC World Service.

MON 00:06 From Our Own Correspondent (w3ct32bp)

[Repeat of broadcast at 04:06 on Sunday]

MON 00:30 BBC News Summary (w172ykrd3sw6rsd)

The latest two minute news summary from BBC World Service.

MON 00:32 Heart and Soul (w3ct424m)

[Repeat of broadcast at 10:32 on Sunday]

MON 01:00 BBC News (w172ykqkp28jj84)

The latest five minute news bulletin from BBC World Service.

MON 01:06 The Newsroom (w172yl862gmhvwj)

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

MON 01:30 BBC News Summary (w172ykrd3sw6wjj)

The latest two minute news summary from BBC World Service.

MON 01:32 Discovery (w3ct30cq)

Bad Blood: The curse of Mendel

In the mid-19th Century, an Augustinian friar called Gregor Mendel made a breakthrough. By breeding pea plants and observing how certain traits were passed on, Mendel realised there must be units - little packets - of information determining characteristics. He had effectively discovered the gene.

His insights inspired eugenicists from the 1900s onwards. If traits were passed on by specific genes, then their policies should stop people with 'bad' genes from having children.

Mendel's ideas are still used in classrooms today - to teach about traits like eye colour. But the eugenicists thought Mendel's simple explanations applied to everything - from socalled 'feeblemindedness' to criminality and even paunerism.

Today, we recognise certain genetic conditions as being passed on in a Mendelian way. Achondroplasia - which results in short stature - is one example, caused by a single genetic variant. We hear from Professor Tom Shakespeare about the condition, about his own decision to have children despite knowing the condition was heritable - and the reaction of the medical establishment.

We also explore how genetics is taught in schools today and the danger of relying on Mendel's appealingly simple but misleading account.

Contributors include Dr Brian Donovan, senior research scientist at BSCS, Prof Tom Shakespeare, disability researcher at London School of Hygiene and Tropical Medicine, and Dr Christine Patch, principal staff scientist in Genomic Counselling in the Society and Ethics Research group, part of Wellcome Connecting Science.

(Photo: Johann Gregor Mendel (1822-1884). Austrian botanist, followed breeding experiments, discovered paired units of heritable characteristics. Credit: Hulton Archive/Getty Images)

MON 02:00 BBC News (w172ykqkp28jn08)

The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172yl862gmhzmn)

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

MON 02:30 BBC News Summary (w172ykrd3sw708n)

The latest two minute news summary from BBC World Service.

MON 02:32 The Climate Question (w3ct3kk9)

Can natural gas ever be green?

Natural gas is often seen as an environmentally friendly alternative to coal, yet it's a fossil fuel and gives off climate warming emissions when burned. On the internet there are many adverts suggesting that natural gas is a clean and green way to reduce emissions.

We investigate whether these adverts mislead the public as to whether gas is really 'green.'
Presenters Graihagh Jackson and Marco Silva are joined by:

Presenters Graihagh Jackson and Marco Silva are joined by: Pep Canadell, Executive Director of the Global Carbon Project & Chief Research Scientist at CSIRO

Naomi Oreskes, Professor of the History of Science and affiliated Professor of Earth and Planetary Sciences at Harvard University

Former Senator, Mary Landrieu, co-chair of 'Natural Allies for a Clean Energy Future'

Email us: theclimatequestion@bbc.com

Producers: Frances Read and Marco Silva Researchers: Natasha Fernandes and Matt Toulson Production Coordinator: Siobhan Reed Series Producer: Alex Lewis Editor: China Collins

Sound Engineer: Tom Brignell

MON 03:00 BBC News (w172ykqkp28jrrd)

The latest five minute news bulletin from BBC World Service.

MON 03:06 Tech Tent (w3ct4kj5)

[Repeat of broadcast at 23:06 on Sunday]

MON 03:30 BBC News Summary (w172ykrd3sw740s)

The latest two minute news summary from BBC World Service.

MON 03:32 Pick of the World (w3ct41y3)

[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 Over to You (w3ct35tk)

[Repeat of broadcast at 09:50 on Saturday]

MON 04:00 BBC News (w172ykqkp28jwhj)

The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172yl862gmj73x)

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

MON 04:30 BBC News Summary (w172ykrd3sw77rx)

The latest two minute news summary from BBC World Service.

MON 04:32 The Conversation (w3ct37n7)

A new life for women after redundancy

Companies around the world are making their employees redundant. Kim Chakanetsa talks to two women who managed to re-invent themselves after losing their jobs.

After being laid off in 2015, communication executive Dawn Kelly used her severance pay to open her own cafe, The Nourish Spot, in Queens, New York. Dawn, who was 58 when she started her entrepreneurial journey, had always wanted to run her own business but never had the funds to start. Hers is a story shared by many black women who, despite being the fastest-growing demographic of small and medium entrepreneurs in the USA, still face discrimination and struggle to access capital.

Eleanor Tweddell worked in senior management positions in the corporate world for over twenty years for companies including Virgin Atlantic, Costa Coffee and Vodafone - until she was made redundant, twice. She wrote a book about her experience, Why Losing Your Job Could Be The Best Thing That Ever Happened To You, and started her own company, Another Door. She now coaches individuals and organisations to provide advice and support through redundancy.

Produced by Alice Gioia

(Image: (L) Eleanor Tweddell, credit Aga Mortlock; (R) Dawn Kelly, courtesy of Dawn Kelly.)

MON 05:00 BBC News (w172ykqkp28k07n)

The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172yf90g27kmx2)

Turkey earthquake: Rescue effort ends in all but two areas

Turkey has ended search and rescue operations in most of the provinces affected by the earthquake - 2 weeks after the disaster struck. Searches will continue in Kahramammaras and Hatay though hopes of finding anyone else alive in the rubble are fading fast. More than 44,000 people are confirmed to have lost their lives in south-eastern Turkey and northern Syria. The death toll is expected to climb, with about 345,000 apartments in Turkey destroyed and many people still missing.

The new hard right government in Israel led by Benjamin Netanyahu is pushing for legal changes that critics say endanger the country's democratic checks and balances.

And a BBC investigation reveals the scandal of managers in Kenya's tea industry pressurising workers to provide sex in order to keep their jobs.

MON 06:00 BBC News (w172vkqkp28k3zs)

The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172yf90g27krn6)

Tensions rise as North Korea launches two missiles into the sea off Japan

North Korea has launched two missiles into the sea off Japan's east coast, prompting it to call for an emergency meeting of the UN security council.

In Sao Paulo in Brazil torrential rain and flooding has claimed more than 30 lives - the military have deployed helicopters to the region.

US Secretary of State Anthony Blinken is in Turkey two weeks after an earthquake that devastated areas in the south of the country. He has witnessed the devastation from the air and has pledged an additional \$100 million in aid.

And tension in Israeli politics as the right wing government proposes legal changes that critics say would remove checks and balances that are vital to the democratic nature of the country.

MON 07:00 BBC News (w172ykqkp28k7qx)

The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172yf90g27kwdb)

North Korea fires missiles into the sea off Japan's coast

North Korea has launched two missiles into the sea off its east coast prompting an angry reaction from its neighbours. The North Korean missiles were in response to planned US and South Korea military exercises.

In the state of Sao Paolo in Brazil torrential rain and flooding has taken the lives of at least 36 people. The state has been inundated with a month's worth of rain in 24 hours.

US Secretary of State Anthony Blinken is in Turkey where he has pledged additional aid to victims of the earthquake. He will also hold talks with President Recep Tayyip Erdoğan later

In Northern Syria, victims of the quake two weeks ago are in desperate need of help, but access to the area has been severely limited.

Portugal is halting its use of Golden Visas - they encouraged wealthy individuals to invest in the country, but also contributed to rising house prices.

MON 08:00 BBC News (w172ykqkp28kch1)

The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3ct32mr)

Stefanie Green: The ethics of assisted dying

Stephen Sackur speaks to Dr Stefanie Green, a leading advocate for Canada's liberal assisted dying laws, who has herself overseen more than 300 deaths by euthanasia. Is Canada at ease with its role as a testing ground for complex ethical and medical arguments about assisted dying?

MON 08:30 BBC News Summary (w172ykrd3sw7qrf)

The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct30yk)

Ukraine war: Economic fallout

Nearly a year since the Russian invasion of Ukraine, Ed Butler examines the real state of the Russian economy.

Ami Daniel, chief executive of Windward, a maritime data

company, tells Ed about the Russian oil tankers transferring millions of tonnes of crude oil between ships to bypas

As the war continues, millions of euros worth of Russian assets remain frozen as a result of sanctions. Urmas Reinsalu, the Estonian foreign minister, tells us about an initiative Estonia is leading to actually seize and exploit some of Russian's frozen billions for the benefit of Ukraine.

Presenter / producer: Ed Butler (Image: A market in Kyiv; Credit: Getty Images)

MON 08:50 Witness History (w3ct3c03)

Battle for the capital: Bonn v Berlin

In 1989, the Berlin Wall fell and Germany had to decide which city would be the new capital.

The contenders were the West German city of Bonn and the East German city of Berlin and the two fought it out in a ferocious political battle that would help define the country.

Ilona Toller hears from Bonn citizen Jürgen Nimptsch, who would later become the mayor of the city and Wolfgang Schäuble who fought on the side of Berlin

(Photo: Bundestag 2023, Credit: Getty Images)

MON 09:00 BBC News (w172vkgkp28kh75)

The latest five minute news bulletin from BBC World Service.

MON 09:06 The Newsroom (w172yl862gmjtvk)

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

MON 09:30 BBC News Summary (w172ykrd3sw7vhk)

The latest two minute news summary from BBC World Service.

MON 09:32 The Climate Ouestion (w3ct3kk9)

[Repeat of broadcast at 02:32 today]

MON 10:00 BBC News (w172ykqkp28klz9)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The Cultural Frontline (w3ct37ss)

[Repeat of broadcast at 22:32 on Saturday]

MON 10:30 BBC News Summary (w172ykrd3sw7z7p)

The latest two minute news summary from BBC World Service.

MON 10:32 The Explanation (w3ct4m2d)

[Repeat of broadcast at 05:32 on Saturday]

MON 10:50 More or Less (w3ct3k60)

[Repeat of broadcast at 05:50 on Saturday]

MON 11:00 BBC News (w172ykqkp28kqqf)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172vl862gmk2bt)

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

MON 11:30 BBC News Summary (w172ykrd3sw82zt)

The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3ct37n7)

[Repeat of broadcast at 04:32 today]

MON 12:00 BBC News (w172vkakp28kvgk)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct34pm)

The chicken who sailed the world

Guirec Soudée had always dreamed of sailing around the world. He set out at the age of 21 in a rusty 30ft boat, with no communication equipment and little sailing experience. He'd wanted to take a pet, but a cat or dog seemed impractical. Then, during a stop in the Canary Islands he met Monique - a Rhode Island Red chicken and, 'fell in love'. She was to become his confidante and best friend during a four-year trip. Together, they sailed across the Atlantic and then on to Greenland. They confronted icebergs and storms and were trapped in the Arctic

ice for 130 days. They even crossed the treacherous Northwest Passage between the Pacific and the Atlantic. He became the youngest sailor to complete the crossing; Monique the only

Guirec has written a book about his journey with Monique called: A Sailor, a Chicken, an Incredible Voyage

This episode was first broadcast in December 2021.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen Producer: Katy Takatsuki

(Photo: Monique and Guirec. Credit: Guirec Soudée)

MON 12:50 Witness History (w3ct3c03)

[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172vkqkp28kz6p)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172yl862gmk9v2)

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

MON 13:30 BBC News Summary (w172ykrd3sw8bh2)

The latest two minute news summary from BBC World Service.

MON 13:32 CrowdScience (w3ct3i87)

Are yoga claims bogus claims?

Yoga benefits our health in many ways, say the yogis, but which claims are backed up by science? Can yoga actually alleviate depression, fix lower-back pain or even reduce cardiovascular

Presenter Marnie Chesterton gets into her Lotus (position) and finds out first-hand at a class. Whilst in warrior one, she discusses the potential physical and mental health benefits of this ancient art of stretching, balance and movement with her class teacher. Returning from mat to studio, Marnie puts some of those claims to experts around the globe. She investigates the evidence to find out whether health boosting properties are the key to yoga's enduring popularity.

Pannalists: Rajvi Mehta Prof. Holger Cramer Dr Richard Davidson

Presented by Marnie Chesterton Produced by Richard Walker

MON 14:00 BBC News (w172ykqkp28l2yt)

The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172yfcgs81nmx3)

Biden makes surprise visit to Kviv

US President Joe Biden- on a surprise visit to Kyiv- says Vladimir Putin's 'war of conquest' in Ukraine is failing. Speaking alongside President Zelensky, ahead of this week's anniversary of Russia's invasion, Mr Biden said Mr Putin had been 'plain wrong' to think Russia could outlast Ukraine and its

Also today: A BBC investigation uncovers widespread sexual abuse in the East African tea plantations of Kenya - suppliers to the world's biggest brands; and we're in Aleppo, Syria, to hear from earthquake survivors worried about the future.

(Photo: US President Joe Biden meets Ukrainian President Volodymyr Zelensky and Olena Zelenska during an unannounced visit to Kyiv, Ukraine on Monday Feb 20, 2023. Credit: Evan Vucci/Pool via Reuters)

MON 15:00 BBC News (w172ykqkp28l6py)

The latest five minute news bulletin from BBC World Service.

MON 15:06 HARDtalk (w3ct32mr)

[Repeat of broadcast at 08:06 today]

MON 15:30 BBC News Summary (w172ykrd3sw8kzb)

The latest two minute news summary from BBC World Service.

MON 15:32 World Business Report (w3ct3g0p)

President Biden makes surprise visit to Ukraine Supported by bbc.co.uk/programmes/ The US president made a new pledge to ramp up sanctions, on his first visit to the country since the invasion. We hear from Estonia's foreign minister about how sanctions can be used to rebuild Ukraine.

With just days to go until the Nigerian election, we speak to a group of young people about why more and more of them are leaving the country to pursue work opportunities elsewhere.

And Scottish craft brewer BrewDog likes to claim it's beer is for everyone, and now it'll test that theory as it expands into

(Picture: U.S. President Joe Biden shakes hands with Ukrainian President Volodymyr Zelenskiy after they both delivered statements at Mariinsky Palace on an unannounced visit in Kyiv, Ukraine, Monday, Feb. 20, 2023. Credit: Evan Vucci/Pool via REUTERS)

MON 16:00 BBC News (w172ykqkp28lbg2)

The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172vg21kkm0qt4)

President Biden makes surprise visit to Kviv

President Biden has made a surprise visit to the Ukrainian capital, Kyiv, days before the first anniversary of Russia's fullscale invasion of the country. At a joint news conference with President Zelensky, he said Vladimir Putin's war of conquest in Ukraine is failing. Our correspondent is following the story.

Also on the programme, we go to the small Ohio town of East Palestine in the US. It's been more than two weeks since a train carrying toxic chemicals derailed there. We hear from people living there, and an update from a local reporter.

The story of a British woman called Nicola Bulley, who disappeared three weeks ago went viral on social media. People have been sharing their conspiracy theories on her disappearance. A body has now been found in the river near where she disappeared. The BBC's Disinformation and Social Media Correspondent has been tracking the tragic story

And changes to Roald Dahl books, after the removal of some references to things like characters' appearance and weight has sparked a fierce debate. We hear mixed reactions from people who have read the books.

And we go to Nigeria, where people are preparing to vote for their next president. This comes amid worsening insecurity and economic hardship across the country. The BBC's Alan Kasujja went to a salon in Lagos, to hear the views of people there.

(Photo: U.S. President Ioe Biden shakes hands with Ukrainian President Volodymyr Zelenskiy at Mariinsky Palace on an unannounced visit in Kyiv, Ukraine, Monday, Feb. 20, 2023. Credit: Evan Vucci/Pool via Renters)

MON 17:00 BBC News (w172vkqkp28lg66)

The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172yg21kkm0vk8) Nigeria election 2023: What do people want?

On the programme we go to Nigeria where people are preparing to vote for their next president. This comes amid worser insecurity and economic hardship across the country. The BBC's Alan Kasujja went to a salon in Lagos, to hear the views

President Biden has made a surprise visit to the Ukrainian capital, Kyiv, days before the first anniversary of Russia's fullscale invasion of the country. At a joint news conference with President Zelensky, he said Vladimir Putin's war of conquest in Ukraine is failing. Our correspondent is following the story.

And changes to Roald Dahl books, after the removal of some references to things like characters' appearance and weight has sparked a fierce debate. We hear mixed reactions from people who have read the books.

(Photo: Supporters of Labour party's presidential candidate, Peter Obi attend a campaign rally, ahead of the Nigerian presidential election in Lagos, Nigeria, February 11, 2023. Credit: Reuters/ Nyancho Nwanri)

MON 18:00 BBC News (w172ykqkp28lkyb)

The latest five minute news bulletin from BBC World Service.

MON 18:06 Outlook (w3ct34pm)

[Repeat of broadcast at 12:06 today]

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MON 18:50 Witness History (w3ct3c03) [Repeat of broadcast at 08:50 today]

MON 19:00 BBC News (w172ykqkp28lppg)

The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172vl862gml19v)

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

MON 19:30 BBC News Summary (w172ykrd3sw91yv)

The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w3ct4l7z)

2023/02/20 GMT

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

MON 20:00 BBC News (w172vkqkp28ltfl)

The latest five minute news bulletin from BBC World Service.

MON 20:06 The Climate Ouestion (w3ct3kk9)

[Repeat of broadcast at 02:32 today]

MON 20:30 BBC News Summary (w172ykrd3sw95pz)

The latest two minute news summary from BBC World Service.

MON 20:32 Discovery (w3ct30cr)

Bad Blood: Newgenics

Are we entering a 'newgenic' age - where cutting-edge technologies and the power of personal choice could achieve the kind of genetic perfection that 20th century eugenicists

In 2018, a Chinese scientist illegally attempted to precision edit the genome of two embryos. It didn't work as intended. Twin sisters - Lulu and Nana - were later born, but their identity, and the status of their health, is shrouded in secrecy. They were the first designer babies.

Other technological developments are also coming together in ways that could change reproduction: IVF can produce multiple viable embryos, and polygenic screening could be used to select between them.

Increased understanding and control of our genetics is seen as a threat by some - an inevitable force for division. But instead of allowing genetics to separate and rank people, perhaps there's a way it can be used - actively - to promote equality. Professor Paige Harden shares her suggestion of an anti-eugenic politics which makes use of genetic information

Contributors: Dr Helen O'Neill, lecturer in Reproductive and Molecular Genetics at University College London, Dr Jamie Metzl, author of Hacking Darwin, Professor Kathryn Paige Harden from the University of Texas and author of The Genetic Lottery: Why DNA Matters for Social Equality.

MON 21:00 BBC News (w172ykqkp28ly5q)

The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172yfcgs81ph40)

President Biden says America will back Ukraine

President Biden says America will back Ukraine in its fight against Russia for "as long as it takes". He was speaking during an unannounced and highly symbolic visit to Kyiv. Admiral John Kirby, the US National Security Council Coordinator for Strategic Communications, joins us from Washington DC to discuss US support for the war in Ukraine.

Also in the programme: Official figures suggest Russia's economy hasn't been hit as badly as predicted by the war in Ukraine. And we hear from the BBC's Anna Foster in Adana on today's earthquake in Turkey.

(Picture: U.S. President Joe Biden walks with Ukrainian President Volodymyr Zelenskiy at St. Michael's Golden-Domed Cathedral during an unannounced visit, in Kyiv, Ukraine, Monday, Feb. 20, 2023. Picture credit: Evan Vucci/Pool via REUTERS)

MON 22:00 BBC News (w172vkgkp28m1xv)

The latest five minute news bulletin from BBC World Service.

MON 22:06 The Newsroom (w172vrxb6zzb1zf)

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

MON 22:20 Sports News (w172yghl0b884z4)

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

MON 22:30 BBC News Summary (w172vkrd3sw9f67)

The latest two minute news summary from BBC World Service.

MON 22:32 World Business Report (w3ct3g2v)

Ukraine: how far does US support go?

US President Joe Biden has pledged a further \$450 million in assistance to Ukraine. But back at home, questions are being raised over how long such support can continue.

Also on the programme, why Hong Kong is becoming a global player in the crypto market.

(Picture: US President Joe Biden meets Ukrainian leader Volodomyr Zelensky. Credit: Getty Images.)

MON 23:00 BBC News (w172ykqkp28m5nz)

The latest five minute news bulletin from BBC World Service.

MON 23:06 HARDtalk (w3ct32mr)

[Repeat of broadcast at 08:06 today]

MON 23:30 BBC News Summary (w172ykrd3sw9jyc)

The latest two minute news summary from BBC World Service.

MON 23:32 The Conversation (w3ct37n7)

[Repeat of broadcast at 04:32 today]

TUESDAY 21 FEBRUARY 2023

TUE 00:00 BBC News (w172vkakn28m9f3)

The latest five minute news bulletin from BBC World Service.

TUE 00:06 The History Hour (w3ct39mk)

[Repeat of broadcast at 20:06 on Sunday]

TUE 01:00 BBC News (w172ykqkp28mf57)

The latest five minute news bulletin from BBC World Service

TUE 01:06 Business Matters (w172ydqbpvpmb2l)

Biden pledges more support for Ukraine

Peter Morici and Karen Percy discuss the latest US funding commitments for Ukraine, announced by the US President on a

We're also discussing Meta's familiar-looking 'blue tick' rollout. Just where did they get that idea from?

(Picture: Joe Biden and Volodymyr Zelensky in Ukraine. Credit: Getty Images.)

TUE 02:00 BBC News (w172ykqkp28mjxc)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172yl862gmlwjr)

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

TUE 02:30 BBC News Summary (w172vkrd3sw9x5r)

The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct50pn)

Fishrot: Clear waters, murky dealings

Two countries a world apart are linked by a multi-million dollar corruption scandal, and it is all about fish

At one end, the southern African nation of Namibia where leading politicians and businessmen are facing trial on racketeering charges, accused of running an elaborate scheme that squandered valuable fish stocks, meant to help people out

On the other a powerful fishing company under scrutiny in Iceland, a country long credited with the image of transparency and honest dealing.

Just over three decades ago, newly independent Namibia set out to become a model of good governance, to avoid falling into the trap of corruption and nepotism other young nations have fallen

But 33 years on a major corruption case that has become widely known as Fishrot has cast a shadow over these aspirations, undermined the country's development plans, put people out of work and caused significant damage to the once all-powerful ruling SWAPO party.

Johannes Dell sets out to discover how the fishing industry in Namibia became embroiled in a scandal of epic proportions and how journalists in both Namibia and far-away Iceland worked together to break the story

(Photo: Journalist Helgi Seljan in Namibia. Credit: Helgi Seljan)

TUE 03:00 BBC News (w172ykqkp28mnnh)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct34pm)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct3c03)

[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172ykqkp28msdm)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172yl862gmm410)

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

TUE 04:30 BBC News Summary (w172ykrd3swb4p0)

The latest two minute news summary from BBC World Service.

TUE 04:32 In the Studio (w3ct3jk9)

Keith McNally's Balthazar

Restaurateur Keith McNally is a 71-year-old Londoner, the son of a longshoreman and office cleaner, who moved to New York in 1976. Forty-five years later, he is one of the most celebrated restaurateurs in the city. In 2004, The New York Times dubbed him "the restaurateur who invented Downtown." In this episode of In the Studio, we get a glimpse into the mind of this unique creative talent, who used his early career in film and theatre to dominate an altogether different stage. The flagship of his New York restaurants is Balthazar, which is packed day and night and has been in operation for more than 25 years. But who is Keith McNally, and how has he created such an iconic success in such a cutthroat business?

TUE 05:00 BBC News (w172ykqkp28mx4r)

The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172vf90g27njt5)

US president Joe Biden has been in Kyiv promising more weapon deliveries as Ukraine attempts to defend itself against

Eastern Europe seems filled with echoes of the Cold War at the moment, US president Joe Biden has been in Kviv promising yet more weapon deliveries as Ukraine attempts to defend itself against Russia

The US leader has now moved on to Poland, one of Ukraine's

As the one year anniversary of the war approaches, President Vladimir Putin is also keen to control the narrative both at home and abroad. The Russian leader will deliver his state of the nation speech later today in Moscow

And another terrifying night for people in the Turkish earthquake zone - renewed tremors sent people fleeing from buildings on Monday evening.

TUE 06:00 BBC News (w172ykqkp28n0ww)

The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172vf90g27nnk9)

Biden visits Zelensky in Kyiv and says the US will back Ukraine "for as long as it takes" in its war against Russia

President Joe Biden has sought to show his determination to support Kyiv by visiting the Ukrainian capital in a morale boost for President Volodomyr Zelensky. The US announced a new

package of yet more weapon deliveries and Mr Biden said the US will back Ukraine "for as long as it takes" in its war against Russia.

We can expect a different narrative later today when President Vladimir Putin delivers a state of the nation speech in Moscow. The Russian leader will be keen to portray the past year's war as a victory, though many critics both at home and abroad suggest that the invasion of Ukraine has definitely not gone to plan.

And many of the people of southern Turkey and northern Syria have had to endure another tense night as another earthquake on Monday evening forced them from their homes.

TUE 07:00 BBC News (w172ykqkp28n4n0)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172yf90g27ns9f)

Biden in Poland to reinforce support for Ukraine in its war against Russia

After a surprise visit to Kyiv in a public show of support for Ukraine, US President Joe Biden has moved on to Poland, where he is expected to make a speech later thanking the nation for their steadfast support for the war effort in Ukraine. Poland is one of the staunchest opponents of Vladimir Putin. The country's deputy foreign minister told Newsday that to prevent Russia targeting other nations, NATO needs to present a united front in help for Ukraine.

As the one year anniversary of the war approaches, President Vladimir Putin is also keen to control the narrative both at home and abroad. So what we can expect from his state of the nation speech later today in Moscow?

And another terrifying night for people in the Turkish earthquake zone - renewed tremors sent people fleeing from buildings on Monday evening.

TUE 08:00 BBC News (w172ykqkp28n8d4)

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 (w172ykrd3swbmnj)

The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct317l)

Ukraine war: Refugees starting again

It is estimated almost eight million people have left Ukraine in the past 12 months. They have all had to start again, finding housing, schools and a way to earn a living. Some have managed to carry on running their businesses and others have set up new companies in the countries they now call home.

Business Daily has been hearing some of their stories of remarkable resilience. Volodymyr and Regina Razumovskaya, now living in Perth, Western Australia, tell us about first leaving Donetsk in 2014 only to be forced to leave their new home and business in Kyiv eight years later.

Polina Salabay describes the moment she realised she had to leave her home and dance school business behind in Lviv. She now lives in Canada and runs Polli's Dance teaching Canadian

and Ukrainian children. And Anastasia Kozmina and boyfriend Oleksiyy Danko, tell us how they turned their side hustle into a business when they moved to England.

Presenter / producer: Alex Bell

(Image: Polli's Dance: Credit: Polina Salabay)

TUE 08:50 Witness History (w3ct3c4m)

Seggae riots in Mauritius

Mauritian musician Kaya, who pioneered a new genre called seggae, fusing reggae and sega, died in police custody on 21 February 1999.

His death sparked three days of rioting. People believed Kaya had been beaten to death.

Veronique Topize, Kaya's widow demanded an independent autopsy and President Cassam Uteem travelled into the heart of the disorder to appeal directly to the rioters to put down their weapons and go home.

Veronique Topize and Cassam Uteem shared their memories with Reena Stanton-Sharma.

(Photo: Painting of Kaya (left). Credit: BBC)

TUE 09:00 BBC News (w172ykqkp28nd48)

The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Newsroom (w172yl862gmmqrn)

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

TUE 09:30 BBC News Summary (w172ykrd3swbrdn)

The latest two minute news summary from BBC World Service.

TUE 09:32 The Documentary (w3ct50pn)

[Repeat of broadcast at 02:32 today]

TUE 10:00 BBC News (w172ykqkp28nhwd)

The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct391h)

[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172ykqkp28nmmj)

The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172yl862gmmz7x)

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

TUE 11:30 BBC News Summary (w172ykrd3swbzwx)

The latest two minute news summary from BBC World Service.

$\it TUE~11:32~In~the~Studio~(w3ct3jk9)$

[Repeat of broadcast at 04:32 today]

TUE 12:00 BBC News (w172ykqkp28nrcn)

The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct3545)

Cockroaches, mice and mouldy walls: Why I fight for better homes

Kwajo Tweneboa grew up with his father and sisters in social housing in South London, moving from a converted car garage to a vermin-infested flat. When his father was diagnosed with cancer, teenage Kwajo watched as he was nursed in dreadful conditions. He decided to confront the housing provider taking to social media and speaking out against the living conditions people like him face. In this way, Kwajo became a champion of his housing estate, and of many living in social housing in the UK.

Brad Ryan and his grandmother Joy both faced separate but similar moments of hardship in their lives, so they set out to find peace in nature. They embarked on an incredible journey to visit all of the United States' 63 national parks. They spoke to Gaia Caramazza about what they learned from their epic road trip.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen Producer: Gaia Caramazza (Photo: Kwajo Tweneboa visiting social housing homes. Credit: Graeme Robertson)

TUE 12:50 Witness History (w3ct3c4m)

[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172ykqkp28nw3s)

The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172yl862gmn6r5)

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

TUE 13:30 BBC News Summary (w172ykrd3swc7d5)

The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct30cr)

[Repeat of broadcast at 20:32 on Monday]

TUE 14:00 BBC News (w172ykqkp28nzvx)

The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172yfcgs81rjt6)

Defiant Putin insists Russia is not the aggressor

Defiant Putin insists Russia is not the aggressor, blames the West for the war in Ukraine and suspends Russia's participation in the START treaty; also in the programme reactions to Putin's speech and a senior polish official on Warsaw's determination to send fighter jets to Ukraine.

(Photo: President Putin. Credit: Shutterstock)

TUE 15:00 BBC News (w172ykqkp28p3m1)

The latest five minute news bulletin from BBC World Service.

$\it TUE~15:06~People~Fixing~The~World~(w3ct3j2p)$

[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172ykrd3swcgwf)

The latest two minute news summary from BBC World Service.

TUE **15:32 World Business Report (w3ct3g9q)** Russia's War Economy

Russia's war Economy

In his state of the nation speech, Vladimir Putin has blamed the West for provoking Russia's invasion of Ukraine. We ask what is the state of the Russian economy after one year of the war?

We hear from one of the world's biggest cryptocurrency exchanges on the future of regulation in the industry.

And does a shorter working week make us more productive? The world's biggest trial of a four day working week suggests it doesn't harm the performance of companies and leaves employees feeling healthier and happier.

(Picture: Russian President Vladimir Putin delivers his annual address to the Federal Assembly in Moscow, Russia February 21, 2023. Credit: Sputnik/Sergei Savostyanov/Pool via REUTERS)

TUE 16:00 BBC News (w172ykqkp28p7c5)

The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172yg21kkm3mq7)

Putin's annual address

Vladimir Putin has given a speech in Moscow about Russia's war against Ukraine. President Joe Biden is due to give his own speech in Warsaw. We get analysis on what the two men have said. We also get reaction from people around the world.

Our correspondent in Poland will look at recent diplomatic efforts to end the war in Ukraine.

And our reporter, Alan Kasujja, joins us from Nigeria's commercial capital Lagos with a group of students. What issues are important to young people in the country ahead of elections this weekend?

(Photo: Putin delivering his speech. Credit: Sergey Savastyanov/Sputnik/Kremlin Pool/EPA-EFE/REX/Shutterstock)

TUE 17:00 BBC News (w172ykqkp28pc39)

The latest five minute news bulletin from BBC World Service

TUE 17:06 BBC OS (w172yg21kkm3rgc)

Vladimir Putin has given a speech in Moscow about Russia's war against Ukraine. President Joe Biden has given his own speech in Warsaw. We get analysis on what the two men have said. We also get reaction from people around the world.

Our correspondents in the US and Ukraine will look at recent diplomatic efforts to end the war.

And our reporter, Alan Kasujja, joins us from Nigeria's commercial capital Lagos with a group of students. What issues are important to young people in the country ahead of elections this weekend?

(Photo:Joe Biden and Andrzej Duda. Credit: Jakub Szymczuk/KPRP/Handout via Reuters)

TUE 18:00 BBC News (w172vkqkp28pgvf)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 Outlook (w3ct3545)

[Repeat of broadcast at 12:06 today]

TUE 18:50 Witness History (w3ct3c4m)

[Repeat of broadcast at 08:50 today]

$\it TUE~19:00~BBC~News~(w172ykqkp28pllk)$

The latest five minute news bulletin from BBC World Service.

TUE 19:06 The Newsroom (w172yl862gmny6y)

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

TUE 19:30 BBC News Summary (w172ykrd3swcyvy)

The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w3ct4ldh)

2023/02/21 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 (w172ykqkp28pqbp)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 The Documentary (w3ct50pn)

[Repeat of broadcast at 02:32 today]

TUE 20:30 BBC News Summary (w172ykrd3swd2m2)

The latest two minute news summary from BBC World Service.

TUE 20:32 Digital Planet (w3ct31zr)

After the devastating earthquake in Turkey and Northern Syria. how do you collate data to aid those coordinating the disaster response? Cecilia Utas from DEEP (Data Entry and Exploration Platform) explains how important data is in disaster relief and crisis management. And Aziz Şasa from the Turkish Amateur Radio Association also explains the vital role of amateur radio as a key communication method in the region after the earthquake.

High altitude communication platforms

After multiple objects have been shot down in US airspace, Professor David Grace from the University of York is on the show to talk Gareth through these high-altitude communication and surveillance platforms. The devices serve many purposes and take many different forms, from balloons to airships

Electricity from human waste

In the village of Lelo in South Western Kenya, 21 year old Vincent Odero is harnessing electricity from a surprising source – human waste. Using the warmth from human waste in a pit, he is making enough electricity to power his home. Wairimu Gitahi went to meet Vincent and to see his invention in action.

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

Studio Manager: Andrew Garratt

Producer: Hannah Fisher

Image: Digital earthquake wave with circle vibration illustration

Credit: Varunya/Getty Images

TUE 21:00 BBC News (w172vkqkp28pv2t)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172vfcgs81sd13)

Biden: Nato 'rock solid' behind Ukraine

Ahead of the first anniversary of Russia's full-scale invasion of Ukraine on Friday, Biden tells crowds in Warsaw that Ukraine will 'never be a victory for Russia'. We hear from a former US ambassador to Ukraine

Also on the programme: Analysing president Putin's state of the union speech; and the drying canals of Venice.

(Picture: U.S. President Joe Biden delivers remarks ahead of the one year anniversary of Russia's invasion of Ukraine outside the Royal Castle, in Warsaw, Poland, February 21, 2023. Picture credit: REUTERS/Evelyn Hockstein)

TUE 22:00 BBC News (w172ykqkp28pyty)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 The Newsroom (w172yrxb6zzdywj)

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

TUE 22:20 Sports News (w172yghl0b8c1w7)

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

TUE 22:30 BBC News Summary (w172ykrd3swdb3b)

The latest two minute news summary from BBC World Service.

TUE 22:32 World Business Report (w3ct3gcz)

The economics of Ukraine's refugees

A year since Russia invaded, millions of Ukrainians are still displaced around the globe. Away from the immediate horror of the conflict, it's presented challenges and opportunities for host countries, refugees, and their businesses. What does this population shift mean for Europe and beyond?

(Picture: Ukrainian refugees queue to leave the country for Poland. Credit: Getty Images.)

TUE 23:00 BBC News (w172ykqkp28q2l2)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 People Fixing The World (w3ct3j2p)

[Repeat of broadcast at 08:06 today]

TUE 23:30 BBC News Summary (w172vkrd3swdfvg)

The latest two minute news summary from BBC World Service.

TUE 23:32 In the Studio (w3ct3jk9)

[Repeat of broadcast at 04:32 today]

WEDNESDAY 22 FEBRUARY 2023

WED 00:00 BBC News (w172ykqkp28q6b6)

The latest five minute news bulletin from BBC World Service.

WED 00:06 The Arts Hour (w3ct391h)

[Repeat of broadcast at 20:06 on Saturday]

WED 01:00 BBC News (w172ykqkp28qb2b)

The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172ydqbpvpq6zp)

The case for a four-day work week

The leaders of Russia and the US have traded firm words over the war in Ukraine. We look at the economic situation facing millions of Ukrainian refugees around the globe.

Elsewhere, a study of dozens of firms have suggested businesses which adopt a four-day working week could enjoy a boost to productivity and employee happiness. But are our guests convinced?

(Picture: The traditional working week. Could it be set to change? Credit: Getty Images.)

WED 02:00 BBC News (w172ykqkp28qftg)

The latest five minute news bulletin from BBC World Service.

WED 02:06 The Newsroom (w172yl862gmpsfv)

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

WED 02:30 BBC News Summary (w172ykrd3swdt2v)

The latest two minute news summary from BBC World Service.

WED 02:32 The Compass (w3ct4xrd)

The Invention Of Russia

The Invention of Russia: The empire strikes back

Countries look so cohesive on the map - sturdy borders, familiar shapes. Don't be misled. They didn't always look like this. This is the story of Russia, biggest contiguous country on the planet, told from the time when it was still very small.

"In my producer's history textbook it says here, on page 18, that Russia as a political entity did not exist."

With contributions across the series from Janet Hartley, author of a history of the Volga; Rhodric Braithwaite, former ambassador to Moscow; historian and sociologist, Mischa Gabowitsch; Anthony Beevor; Natalia Antelava; Kateryna Khinkulova; Dominic Lieven; Olesya Khromeychuk; and James Hill of the New York Times.

(Photo: The imperial procession coming out of the Winter Palace to go to the Cathedral, celebrations for the 3rd centenary of the Romanov dynasty, St Petersburg, Russia, photograph by Bulla-Trampus, from L'Illustrazione Italiana, Year XL, No 12, March 23, 1913. Credit: Getty Images)

WED 03:00 BBC News (w172ykqkp28qkkl)

The latest five minute news bulletin from BBC World Service.

WED 03:06 Outlook (w3ct3545)

[Repeat of broadcast at 12:06 on Tuesday]

WED 03:50 Witness History (w3ct3c4m)

[Repeat of broadcast at 08:50 on Tuesday]

WED 04:00 BBC News (w172ykqkp28qp9q)
The latest five minute news bulletin from BBC World Service.

WED 04:06 The Newsroom (w172yl862gmq0y3)

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

WED 04:30 BBC News Summary (w172ykrd3swf1l3)

The latest two minute news summary from BBC World Service.

WED 04:32 Love, Janessa (w3ct4ppg)

4. Helen of Troy

Where is Janessa Brazil? She seems to have vanished. Then, she turns up somewhere unexpected. Is that really Janessa on a radio show, with the wife of a scam victim? Meanwhile, Hannah discovers that justice is hard to come by. Can victims of romance fraud even get their money back? Please note, this series contains adult themes and strong language.

WED 05:00 BBC News (w172ykqkp28qt1v)

The latest five minute news bulletin from BBC World Service.

$\it WED~05:06~Newsday~(w172yf90g27rfq8)$

Ukraine war: US President Biden in Poland

Following president Vladimir Putin's State of the Nation address, US president Joe Biden rounded off a trip to eastern Europe with a speech in Poland, in which he said that Ukraine was fighting for democracy and freedom.

We hear on the programme from the Ukrainian ambassador to South Africa, as the country kicks off joint naval exercises with Chinese and Russian forces.

And Kenyan Senator Gloria Orwoba tells us why she made a very public gesture in parliament to draw attention to the problem of period poverty.

WED 06:00 BBC News (w172ykqkp28qxsz)
The latest five minute news bulletin from BBC World Service.

WED 06:06 Newsday (w172yf90g27rkgd)

Former Putin speechwriter: leader 'not so confident'

As we approach the one year anniversary of Russia's invasion of Ukraine we get the thoughts of Vladimir Putin's former speechwriter on the ongoing "special military operation".

A former senior official in Mexico's security service accused of helping the Sinaloa drugs cartel become a "global cocaine empire" has been convicted of taking bribes by a New York

And we look at the impact of war between Ukraine and Russia in Africa, as South Africa begins joint military exercises with Russia.

WED 07:00 BBC News (w172ykqkp28r1k3)

The latest five minute news bulletin from BBC World Service.

WED 07:06 Newsday (w172yf90g27rp6j)

Ukraine war: Biden and Putin trade accusatio

After a day of strident speeches and accusations from US leader Joe Biden and his Russian counterpart Vladimir Putin, we assess the state of play in the Ukraine war.

Rescue operations in the areas of Turkey affected by the earthquake have largely ended but we hear from Adana on how people are living in a devastated environment.

And as we approach the one-year anniversary of the war in Ukraine, we have a roundup from the several BBC correspondents who've covered the conflict over the past 12

WED 08:00 BBC News (w172ykqkp28r597)

The latest five minute news bulletin from BBC World Service.

WED 08:06 HARDtalk (w3ct32s8)

Olesya Khromeychuk: Conflict and identity

Stephen Sackur speaks to the British-Ukrainian historian and author Olesya Khromeychuk. She's written a book and a play about her brother Volodya, a soldier killed defending Ukraine in the Donbas long before Russia's all out invasion began last year. Has Putin's assault on Ukrainian identity strengthened what he set out to destroy?

WED 08:30 BBC News Summary (w172ykrd3swfjkm)

The latest two minute news summary from BBC World Service.

WED 08:32 Business Daily (w3ct31d3)

Ukraine war: Refugees and resilience

It is estimated almost eight million people have left Ukraine in the past 12 months. They have all had to start again - finding housing, schools and a way to earn a living.

In this episode we hear from Ukrainians who are staving resilient through huge changes to their lives. They tell us about making sure they can provide for their families, run businesses and help their employees.

Konstantin Klyagin is an IT and software entrepreneur from Kviv. When the war started he was on a flight and unable to land in Ukraine. He now lives in Lisbon, Portugal and tells us about helping his employees relocate with him.

Vadim Rogovskiy runs an company developing AI software for use in online shopping. Vadim now lives between New York and Poland. He relocated his whole team to Warsaw, Poland on the day of the invasion.

Presenter / producer: Alex Bell

(Image: Konstantin Klyagin; Credit: Konstantin Klyagin)

WED 08:50 Witness History (w3ct3c6w)

The invention of Semtex

In 1958, Stanislav Brebera invented Semtex.

It was a malleable, odourless and stable plastic explosive which became the choice weapon for those seeking to spread terror.

In 2018, Maria Jestaf jeva spoke to Mirisov Brebera, the brother of the chemist who created it.

(Photo: Semtex, Credit: Getty Images)

WED 09:00 BBC News (w172ykqkp28r91c)

The latest five minute news bulletin from BBC World Service.

WED 09:06 The Newsroom (w172vl862gmqmnr)

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

WED 09:30 BBC News Summary (w172ykrd3swfn9r)

The latest two minute news summary from BBC World Service.

WED 09:32 The Compass (w3ct4xrd)

[Repeat of broadcast at 02:32 today]

WED 10:00 BBC News (w172vkqkp28rdsh)

The latest five minute news bulletin from BBC World Service.

WED 10:06 The Documentary (w3ct3jzl)

[Repeat of broadcast at 12:06 on Saturday]

WED 11:00 BBC News (w172vkqkp28rjjm)

The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172vl862gmqw50)

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

WED 11:30 BBC News Summary (w172ykrd3swfwt0)

The latest two minute news summary from BBC World Service.

WED 11:32 Love, Janessa (w3ct4ppg)

[Repeat of broadcast at 04:32 today]

WED 12:00 BBC News (w172vkakp28rn8r)

The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3ct3y9r)

We left as kayakers and came back as dissidents

In the late 1970s, a bunch of fun-loving young Polish guys fed up with living under communism built themselves some kayaks and set off on an adventure. Despite their initial lack of experience, equipment or money, Andrzej Pietowski, Jacek Bogucki and their friends became the first to paddle one of the world's deepest river canyons - the Colca in southern Peru. They were about to return to Poland as heroes when the military imposed a crackdown on the burgeoning Solidarity movement, leaving the kayakers in a risky position. Andrzej and Jacek tell Jo Fidgen their extraordinary story, which was made in to a documentary called Godspeed, Los Polacos! This interview was first broadcast in August 2021.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen

(Image: The Polish kayaking group, Credit: Canoandes Inc)

WED 12:50 Witness History (w3ct3c6w)

[Repeat of broadcast at 08:50 today]

WED 13:00 BBC News (w172ykqkp28rs0w)

The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172yl862gmr3n8)

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

WED 13:30 BBC News Summary (w172vkrd3swg498)

The latest two minute news summary from BBC World Service.

WED 13:32 Digital Planet (w3ct31zr)

[Repeat of broadcast at 20:32 on Tuesday]

WED 14:00 BBC News (w172ykqkp28rws0)

The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172vfcgs81vfa9)

Will China give Russia military help in Ukraine?

China's top diplomat meets President Putin in Moscow, days before the first anniversary of Russia's invasion of Ukraine. China has stopped short of providing Moscow with unconditional backing for its war in Ukraine, but there are fears Beijing could change that position

so on the programme: we visit Nigeria where a currency crisis is dominating the run up to Saturday's general election. And we examine the environmental cost of the expansion of FIFA, the governing body for world football

(Picture: Wang Yi of China meets President Putin of Russia. Credit: Reuters)

WED 15:00 BBC News (w172ykqkp28s0j4)

The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct32s8)

[Repeat of broadcast at 08:06 todav]

WED 15:30 BBC News Summary (w172ykrd3swgcsj)

The latest two minute news summary from BBC World Service.

WED 15:32 World Business Report (w3ct3gg7)

Hong Kong rolls out voucher scheme

Residents of Hong Kong are to receive a third round of consumption vouchers, aimed at boosting consumer spending. We look at the economic pressures on the special administrative region, and how much difference new measures are likely to

In the world of video games, Microsoft has announced deals with two of its rivals as it tries to persuade competition authorities it should be allowed to take over Call of Duty developer Activision Blizzard; but will it be enough to allay

And the world's largest coffee chain, Starbucks, says it is launching a line of olive oil-infused drinks in Italy. We ask whether it will woo espresso sippers.

(Picture: A sign showing 'shop with the consumption voucher' in Hong Kong. Credit: Getty Images)

WED 16:00 BBC News (w172vkakn28s488)

The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172yg21kkm6jmb)

President Biden meets Nato leaders from Eastern Europe

We hear from mothers and their daughters who fled the war in Ukraine about how they are settling in in the UK, in light of the anniversary of the invasion of Ukraine

President Biden meets Nato leaders from Eastern Europe as part of a visit to Poland - our Warsaw Correspondent will have all the details.

Shamima Begum has lost her challenge over the decision to deprive her of British citizenship despite a "credible" case she was trafficked. We'll hear from Josh Baker, reporter of the podcast 'The Shamima Begum Story', who has interviewed Shamima Begum for more than a year.

And our reporter, Alan Kasujja, joins us from Nigeria's commercial capital Lagos to discuss security issues in the country, ahead of the country's general election.

PHOTO CREDIT: MARCIN OBARA/EPA-EFE/REX/Shutterstock

PHOTO DESCRIPTION: US President Joe Biden (L) and Polish President Andrzei Duda (R) during the summit of the Bucharest Nine, at the Presidential Palace in Warsaw, Poland, 22 February 2023.

WED 17:00 BBC News (w172ykqkp28s80d)

The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172vg21kkm6ncg)

Shamima Begum bid to regain UK citizenship rejected

We hear from mothers and their daughters who fled the war in Ukraine about how they are settling in in the UK, in light of the anniversary of the invasion of Ukraine.

Shamima Begum has lost her challenge over the decision to deprive her of British citizenship despite a "credible" case she was trafficked. We'll hear from Josh Baker, reporter of the podcast 'The Shamima Begum Story', who has spent time interviewing Shamima Begum over the course of a year.

WED 18:00 BBC News (w172vkqkp28scri)

The latest five minute news bulletin from BBC World Service.

WED 18:06 Outlook (w3ct3v9r)

[Repeat of broadcast at 12:06 today]

WED 18:50 Witness History (w3ct3c6w)

[Repeat of broadcast at 08:50 today]

WED 19:00 BBC News (w172ykqkp28shhn)

The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172v1862gmrv41)

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

WED 19:30 BBC News Summary (w172vkrd3swgvs1)

The latest two minute news summary from BBC World Service

WED 19:32 Sport Today (w3ct4lgr)

2023/02/22 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 (w172ykqkp28sm7s)

The latest five minute news bulletin from BBC World Service.

WED 20:06 The Compass (w3ct4xrd)

[Repeat of broadcast at 02:32 today]

WED 20:30 BBC News Summary (w172ykrd3swgzj5)

The latest two minute news summary from BBC World Service.

WED 20:32 Health Check (w3ct32xs)

Supporting Ukrainian children

From human milk banks to babies born during conflict, this week we're all about the health of children and newborns.

The most vulnerable premature babies benefit from human milk, but their mother's milk is often not available. We visit a human milk bank to explore how donors are making a

Dr Ann Robinson shares some surprising new research looking at a novel way of preventing short-sightedness. And one year on from the start of the war, Smitha Mundasad talks to a Ukrainian mother who was forced to flee her country while 7 months pregnant. In conversation with Sasha Yarova from War Child. Smitha finds out about support available for the thousands of Ukrainian children now making new homes in countries around Europe.

Presenter: Smitha Mundasad Producer: Gerry Holt & Ilan Goodman

WED 21:00 BBC News (w172ykqkp28sqzx)

The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172yfcgs81w8y6)

Shamima Begum loses British citizenship appeal

Shamima Begum loses British citizenship appeal. While the ruling said it was possible she was a victim of trafficking, the judge found the government still had a legal right to take her citizenship away.

Also on the programme: the BBC Middle East correspondent Anna Foster at a relief centre in the city of Adana; and mixing olive oil and coffee.

(Picture: Shamima Begum during her interview with BBC's Middle East correspondent Quentin Sommerville, at al-Hawl refugee camp in north-eastern Syria. Picture credit: BBC

WED 22:00 BBC News (w172ykqkp28svr1)

The latest five minute news bulletin from BBC World Service.

WED 22:06 The Newsroom (w172yrxb6zzhvsm)

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

WED 22:20 Sports News (w172vghl0b8fvsb)

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

WED 22:30 BBC News Summary (w172ykrd3swh70f)

The latest two minute news summary from BBC World Service.

WED 22:32 World Business Report (w3ct3gjh)

US ruling bans caste discrimination

Seattle, in the US state of Washington, has become the first American city to outlaw prejudice based on India's caste system. It's a big moment for South Asian diaspora.

Elsewhere, Italy's authorities are considering whether to send Facebook's parent company a \$900 billion tax bill. Meta insists it's up to date with all its liabilities.

(Picture: The national flags of India and the USA. Credit: Getty

WED 23:00 BBC News (w172vkqkp28szh5)

The latest five minute news bulletin from BBC World Service.

WED 23:06 HARDtalk (w3ct32s8)

[Repeat of broadcast at 08:06 today]

WED 23:30 BBC News Summary (w172ykrd3swhbrk)

The latest two minute news summary from BBC World Service.

WED 23:32 Love, Janessa (w3ct4ppg)

[Repeat of broadcast at 04:32 today]

THURSDAY 23 FEBRUARY 2023

THU 00:00 BBC News (w172ykqkp28t379)

The latest five minute news bulletin from BBC World Service.

THU 00:06 The Documentary (w3ct3jzl)

[Repeat of broadcast at 12:06 on Saturday]

THU 01:00 BBC News (w172vkakp28t6zf)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172ydqbpvpt3ws)

Fighting India's caste system in the US

In a landmark ruling for South Asian workers, the city of Seattle, Washington has become the first American city to outlaw caste-based discrimination

Also on the programme, would you try olive oil in your coffee?

(Photo: An Indian passport against a backdrop of the US flag Credit: Getty Images)

THU 02:00 BBC News (w172ykqkp28tbqk)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172yl862gmspby)

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

THU 02:30 BBC News Summary (w172vkrd3swhpzy)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3ct304z)

The parallel universe of Russia's war

A year on from the invasion of Ukraine, many Russians now inhabit a parallel world that justifies the conflict. How have they been persuaded to support, or accept, a war against a country they had the closest of personal and historical ties with? Assignment talks to some of the persuaders - a celebrated war correspondent, a top talkshow host, a popular singer and poet. and a volunteer fighter - to understand how Russians' understanding of the conflict has been forged. What are the memories and fears that have been invoked to convince many that it's Russia, not Ukraine, that's fighting for its survival?

(Photo of Russian war reporter Alexander Kots)

THU 03:00 BBC News (w172ykqkp28tggp)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct3y9r)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct3c6w) [Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172ykqkp28tl6t)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172vl862gmsxv6)

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

THU 04:30 BBC News Summary (w172vkrd3swhyh6)

The latest two minute news summary from BBC World Service.

THU 04:32 The Food Chain (w3ct38p7)

Feeding the VIPs

How do you make Michelin Star-level food, for hundreds of people, in a kitchen you just built in someone's garden, and with no access to cooking gas? That's just a typical scenario facing chefs in the world of high end mass catering.

In this episode, we hear from John Downey, the Catering Manager at the Web Summit tech conference, on the pressures of feeding high profile figures, and VIPs who've spent \$26,000

We also hear from Matt and Ted Lee, authors of the book Hot Box: Inside catering, the food world's riskiest business. They tell us about the stresses and often extraordinary challenges of providing high end food, at scale, at some of the USA's most fancy weddings and galas.

Presenter: Marie Keyworth Producer: Sarah Treanor

(Picture: A chef's hand, putting the final touches to some dishes. Credit: Getty Images/BBC)

THU 05:00 BBC News (w172ykqkp28tpyy)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172vf90g27vbmc)

Ukraine war: UN debates resolution on Russian withdrawal

The UN general assembly debates a resolution calling on Russia to withdraw from Ukraine - we hear on Newsday from a former US ambassador to the Western military alliance Nato, who tells us about the diplomatic efforts to push back against Russia's

Also, Kenya opens an investigation into a BBC report about sexual abuse on tea plantations - we speak to our reporter in

And we hear about the latest efforts to beat the power cuts and get the lights back on in South Africa.

THU 06:00 BBC News (w172ykqkp28ttq2)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172yf90g27vgch)

UN discusses motion for Russia's immediate withdrawal from

The UN General Assembly has been meeting in New York to discuss a demand for Russia to withdraw immediately and unconditionally from Ukraine.

Meanwhile, a year after the conflict began our correspondent takes us to Moscow and explores how the Kremlin is persuading Russians to continue backing the war.

And Israel has carried out air strikes in the Gaza Strip, claiming rockets were fired from the Palestinian-controlled territory.

THU 07:00 BBC News (w172vkakp28tvg6)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172yf90g27vl3m)

UN chief condemns Russia's Ukraine invasion

The United Nation's chief has condemned the invasion of Ukraine ahead of the anniversary of the start of the war.

We also heard what ordinary Russians think of their future and the leader who instigated what he calls Russia's "special military operation".

Also today we're in Nigeria where the last full day of campaigning is taking place ahead of this weekend's election -

we take a special look at female representation.

THU 08:00 BBC News (w172ykqkp28v26b)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct39vc)

What is Putin's plan now for Ukraine?

It's a year since President Putin launched a full scale invasion of

Russia currently holds areas in the South and East of Ukraine including Donetsk and Luhansk but the Ukrainian army, helped militarily by its allies, has regained control over key towns and large swathes of land.

Russia is also thought to have lost 20,000 soldiers in the

But it is reinforcing its ranks with hundreds of thousands of new conscripts, and experts suggest Russia may be positioning fighter jets and gathering troops on the border for a renewed land offensive.

So we're asking - What is Putin's plan now for Ukraine?

THU 08:30 BBC News Summary (w172ykrd3swjfgq)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct3132)

Ukraine war: Preserving culture

In this epsiode of Business Daily Ashish Sharma looks at how the art world has tried to preserve Ukraine's cultural and artistic heritage from the ongoing war.

Hear the story of how valuable Ukrainian paintings were put on trucks and sneaked out of Ukraine as Russia began heavily bombing the country. Thanks to the idea of one art collector they are now on display in a museum in Madrid.

Ashish also managed to link up with Kyiv to speak to the Director of the National Art Museum of Ukraine, Yulia Lytvynets and Nadia Tymchuk the CEO of the Museum's Charitable Foundation about how they are trying to protect important artefacts and preserve Ukrainian culture

Presenter/producer: Ashish Sharma

(Photo: Exhibition of Ukrainian art in Spain. Credit: Getty

THU 08:50 Witness History (w3ct3c2c)

Families interned in WW2 China

Despite facing malnutrition, starvation and disease, Christopher John Huckstep's father set up a school in the Japanese internment camp where his family was sent in 1943.

Herbert Huckstep ensured the 350 children of Lunghwa Civilian Assembly Centre were taught a wide range of subjects using brown paper bags to write on. The school wa called Lunghwa Academy and it had its own badge, motto and certificates. A syllabus was followed, exams were taken and there were even evening classes for adults.

The Japanese set up more than 20 internment camps in China and Hong Kong holding an estimated 14,000 people, but it is not believed that such a sophisticated schooling system was established elsewhere.

In spite of the many hardships, educational standards were kept so high that qualifications taken in the camp were later recognised by the Cambridge exam board when the exam scripts were taken to England after the war.

Christopher John Huckstep shares his memories with Josephine McDermott

(Photo: Christopher John Huckstep and other children at Lunghwa Civilian Assembly Centre, Shanghai, in 1945. Credit: Oscar Seepol. Image courtesy of Susannah Stapleton and Special Collections, University of Bristol Library)

THU 09:00 BBC News (w172ykqkp28v5yg)

The latest five minute news bulletin from BBC World Service.

THU 09:06 The Newsroom (w172vl862gmtjky)

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

THU 09:30 BBC News Summary (w172vkrd3swjk6v)

The latest two minute news summary from BBC World Service.

THU 09:32 Assignment (w3ct304z)

[Repeat of broadcast at 02:32 today]

THU 10:00 BBC News (w172ykqkp28v9pl)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Forum (w3ct38tr)

How the shipping container changed the world

Nearly everything we consume is transported by ship. The biggest container ships in the world are among the largest moving structures made by man and can carry over 24,000 20-foot container units. The standardisation of these simple metal containers in the 1950s and 60s marked a turning point in world trade, driving down costs and ultimately fuelling globalisation. Now that supply chains have become ever more complex and been put under increasing strain, we take a look at the history of the shipping container.

Joining Rajan Datar are Marc Levinson, American historian and economist and author of The Box: How the Shipping Container Made the World Smaller and the World Economy Bigger; Alan McKinnon, professor of Logistics at Kühne Logistics University in Hamburg and author of Decarbonising Logistics: Distributing Goods in a Low Carbon World; Yash Gupta, shipping industry expert with over 20 years' experience in vessel management and logistics.

Presenter: Rajan Datar

Producer: Jo Impey for BBC World Service

(Photo: Aerial view of a container ship passing under a suspension bridge with truck crossing above. Credit: Shaul/Getty Images)

THU 10:50 Sporting Witness (w3ct36gx)

The first Basketball World Cup

In 1950, Argentina hosted the inaugural Basketball World Cup for ten teams from around the world.

Argentina beat the USA 64-50 in the final in Buenos Aires on 3

Rachel Naylor speaks to Ricardo González, Argentina's captain.

(Photo: Ricardo González in 2023, Credit: María Eva González)

THU 11:00 BBC News (w172ykqkp28vffq)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172vl862gmts23)

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

THU 11:30 BBC News Summary (w172ykrd3swjsq3)

The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3ct38p7)

[Repeat of broadcast at 04:32 today]

THU 12:00 BBC News (w172vkakp28vk5v)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct34xd)

How a kids' TV star ended up on China's most wanted list

In the 1990s Gulchehra Hoja was a popular face on Chinese TV, the star of the country's first Uyghur-language kids' show. But as the Chinese authorities began a crackdown on Uvghur culture, Gulchehra had to toe the party line. She felt her TV show was being used to promote government policies that were making life hard for her people. Gulchehra found a way out moving to the US and becoming a journalist. But it would mean saying goodbye to her family, possibly forever. And it would make her an enemy of the Chinese state.

Gulchehra has written a book called A Stone is Most Precious Where it Belongs.

Presenter: Jo Fidgen Producer: Maryam Maruf

Get in touch: outlook@bbc.com

(Photo: Gulchehra Hoja in the 90s. Credit: Courtesy of

Gulchehra Hoja)

THU 12:50 Witness History (w3ct3c2c) [Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172ykqkp28vnxz)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172vl862gmv0kc)

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

THU 13:30 BBC News Summary (w172vkrd3swk16c)

The latest two minute news summary from BBC World Service.

THU 13:32 Health Check (w3ct32xs)

[Repeat of broadcast at 20:32 on Wednesday]

THU 14:00 BBC News (w172ykqkp28vsp3)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172vfcgs81vbmd)

Putin's popularity at home

Ahead of an expected vote in the UN General Assembly about the war in Ukraine - which has its first anniversary on Friday we go to Russia where it is Defender of the Fatherland Day. It's a celebration of the country's armed forces. How popular is Vladimir Putin inside Russia? We also hear from two Russian men escaping military service.

Also on the programme: the BBC Middle East correspondent in Nablus; and David Bowie's archive at the Victoria and Albert

(Photo: Russian President Vladimir Putin attends a concert dedicated to Russian service members involved in the country's military campaign in Ukraine, on the eve of the Defender of the Fatherland Day at Luzhniki Stadium in Moscow, Russia February 22, 2023. Credit: Sputnik/Mikhail Metzel/Pool via Reuters)

THU 15:00 BBC News (w172vkakp28vxf7)

The latest five minute news bulletin from BBC World Service.

THU 15:06 The Inquiry (w3ct39vc)

[Repeat of broadcast at 08:06 today]

THU 15:30 BBC News Summary (w172ykrd3swk8pm)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w3ct3g56)

Keeping the lights on in South Africa

The South African government has agreed to take on \$23bn of debt from the state power company Eskom. We speak to a former executive about how this move will help the country avoid continued blackouts

A new regulating body for Football in England aims to keep the boardroom finances in check, and give the fans more of a say. We speak to one club owner about how it could impact clubs competing in the global sport industry.

And what makes milk, milk? The Food and Drug Administration in the US has now issued draft guidance that plant-based alternatives could now be marketed as milk

(Photo: The logo of state power utility Eskom is seen outside Cape Town's Koeberg nuclear power plant. Credit: Mike Hutchings/Reuters)

THU 16:00 BBC News (w172vkgkp28w15c)

The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172yg21kkm9fjf)

We hear from Daryna, Ilona, Anastasiya - three students who had to flee their home country of Ukraine since the start of the Russian invasion - and Sophie, who was already living in London at the time, about their experiences nearly one year since the war began. They sit down to tell us what they remember of the 24th February 2022, in the Ukrainian restaurant in London called Mriya - which means "hopeful dream" in Ukrainian.

We hear from our colleagues in Nigeria's biggest city, Lagos, ahead of the elections this weekend, where voters will go to the polls to elect their next president. We also hear voice messages

from Nigerians who have left the country on why they decided

And our correspondent Yolande Knell gives us the latest updates following air strikes in the Gaza Strip carried out by the Israeli military, after Palestinian militants in the territory fired rockets at southern Israel.

(Photo: Daryna, Ilona, Anastasiya and Sophie, four Ukrainian students in London. Credit: BBC)

THU 17:00 BBC News (w172ykqkp28w4xh)

The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172yg21kkm9k8k)

This Saturday is presidential election day in Nigeria, and with more than 93 million registered voters, it's Africa's biggest election. Our correspondent Alan Kasujja is live in Nigeria's biggest city, Lagos, ahead of the elections this weekend, where voters will go to the polls to elect their next president. We also hear voice messages from Nigerians who have left the country on why they decided to move on and from our colleague in the Lagos newsroom

We hear from Darvna, Ilona, Anastasiva - three students who had to flee their home country of Ukraine since the start of the Russian invasion - and Sophie, who was already living in London at the time, about their experiences nearly one year on since the war began. They sit down to tell us what they remember of the 24th February 2022, in the Ukrainia restaurant in London called Mriya - which means "hopeful dream" in Ukrainian.

Meanwhile, our Ukraine Correspondent James Waterhouse speaks to us live from Kyiv, as Ukraine's President Volodymyr Zelensky has paid tribute to all those who have died since the war with Russia began last February. He answers some of the questions listeners have sent in about the war. The BBC'S Sophie Williams joins us to discuss why more than two hundred and thirty athletes and their support staff have lost their lives since the Russian invasion.

THU 18:00 BBC News (w172ykqkp28w8nm)

The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3ct34xd)

[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3ct3c2c)

[Repeat of broadcast at 08:50 today]

THU 19:00 BBC News (w172ykqkp28wddr)

The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172yl862gmvr14)

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

THU 19:30 BBC News Summary (w172ykrd3swkrp4)

The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w3ct4lb7)

2023/02/23 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~(w172ykqkp28wj4w)

The latest five minute news bulletin from BBC World Service.

THU 20:06 Assignment (w3ct304z)

[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172ykrd3swkwf8)

The latest two minute news summary from BBC World Service.

THU 20:32 Science In Action (w3ct36bd)

Cyclone Freddy batters Madagascar

Cyclone Freddy has made landfall on Madagascar, leaving destruction in its wake. At the time this edition of Science In Action is going to air, Freddy is on course to reach Mozambique and South Africa. Freddy, which has been gaining strength since it originally formed on the 30th of January, is the

most powerful southern hemisphere cyclone on record. Professor Francois Engelbrecht provides the science behind the

In the centre of our galaxy, an enormous cloud is heading towards the Milky Way's supermassive black hole. Dr Anna Ciurlo tells us that this is a unique opportunity to study the influence of the black hole on the cloud's shape and properties.

We've heard a lot about balloons floating above Earth recently... but what about sending balloons to Venus? That's exactly what Dr Siddharth Krishnamoorthy is proposing in order to study Venus's seismic activity. Recorders on a "floatilla" above the planet's surface could listen into Venusquakes and reveal Venus's mysterious past

And closer to home, scientists have discovered a new layer in the Earth's core. We journey into the very centre of the Earth with Professor Hrvoje Tkalčić, who tells Roland what the innermost inner core can teach us about our planet's past.

Image: NASA Earth Observatory image by Lauren Dauphin, using VIIRS data from NASA EOSDIS LANCE, GIBS/Worldview, and the Joint Polar Satellite System (JPSS).

Producer: Roland Pease

Assistant Producer: Sophie Ormiston

THU 21:00 BBC News (w172ykqkp28wmx0)

The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172yfcgs81z5v9)

UN General Assembly votes on Ukraine war

Britain's UN ambassador, Dame Barbara Woodward, tells us why she thinks a vote on Russia's invasion of Ukraine is important

Also in the programme: A German MEP who's been warning for years about TikTok, on the EU Commission's warning about the Chinese social media app; and a Palestinian journalist living in Gaza on the increased violence between Israelis and

(Photo: Screens show the recorded vote of member countries as the United Nations General Assemble passes a resolution calling for peace in Ukraine during the 11th Emergency Session of the United Nations at United Nations headquarters in New York on 23 February 2023. Credit: EPA/Justin Lane)

THU 22:00 BBC News (w172ykqkp28wrn4)

The latest five minute news bulletin from BBC World Service.

THU 22:06 The Newsroom (w172yrxb6zzlrpq)

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

THU 22:20 Sports News (w172yghl0b8jvpf)

BBC Sport brings you all the latest stories and results from

THU 22:30 BBC News Summary (w172ykrd3swl3xj)

The latest two minute news summary from BBC World Service.

THU 22:32 World Business Report (w3ct3g7g)

Former FTX boss faces four new criminal charges

Former boss of collapsed crypto exchange FTX faces four new criminal charges accusing him of conspiring to make illegal political donations and to commit bank fraud

Sam Bankman-Fried has already pleaded not guilty to defrauding customers and investors

FTX filed for bankruptcy last year, leaving many users unable to withdraw their funds.

Mr Bankman-Fried now faces a total of 12 criminal charges.

(Picture: NEW YORK, NEW YORK - FEBRUARY 16: FTX Founder Sam Bankman-Fried exits a Manhattan Federal Court for a court appearance on February 16, 2023 in New York City. Picture Credit: Getty Images).

THU 23:00 BBC News (w172vkakp28wwd8)

The latest five minute news bulletin from BBC World Service.

THU 23:06 The Inquiry (w3ct39vc)

[Repeat of broadcast at 08:06 today]

THU 23:30 BBC News Summary (w172ykrd3swl7nn)

The latest two minute news summary from BBC World Service

THU 23:32 The Food Chain (w3ct38p7)

[Repeat of broadcast at 04:32 today]

FRIDAY 24 FEBRUARY 2023

FRI 00:00 BBC News (w172ykqkp28x04d)

The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Forum (w3ct38tr)

[Repeat of broadcast at 10:06 on Thursday]

FRI 00:50 Sporting Witness (w3ct36gx)

[Repeat of broadcast at 10:50 on Thursday]

FRI 01:00 BBC News (w172ykqkp28x3wj)

The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172ydqbpvpx0sw)

Ukraine War: One year on

Today marks one year since Russia invaded Ukraine, so how is the economy faring and what financial support has the country received?

(Photo: A woman works in one of the few stores open in the city of Bakhmut as soldiers remain in fierce fighting to defend the city against the Russians on 14 January, 2023, Ukraine. Credit: Getty Images)

FRI 02:00 BBC News (w172ykqkp28x7mn)

The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172yl862gmwl81)

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

FRI 02:30 BBC News Summary (w172ykrd3swllx1)

The latest two minute news summary from BBC World Service.

FRI 02:32 World Football (w3ct3hrg)

Haiti celebrate and Turkish football returns

Haiti's Chelsea Supris celebrates reaching the World Cup for the very first time in the country's history. And as football resumes in Turkey following the devastating earthquakes, the Gambian international Lamin Jallow finds himself searching for a new club after his team withdrew from the league.

Picture on website: Haiti's Roselord Borgella celebrates during their FIFA Women's World Cup 2023 Playoff game against Chile. (Photo by Luis Veniegra/SOPA Images/LightRocket via Getty Images)

FRI 03:00 BBC News (w172ykqkp28xccs)

The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct34xd)

[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct3c2c)

[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172ykqkp28xh3x)

The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172vl862gmwtr9)

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

FRI 04:30 BBC News Summary (w172ykrd3swlvd9)

The latest two minute news summary from BBC World Service.

FRI 04:32 Heart and Soul (w3ct424n)

Coming out of the Ifá Closet

Almost ten years ago, Peter Macjob's life changed forever. Born and raised a devout Christian like so many of his fellow Nigerians, he fell out of love with the Church and discovered the traditional Yoruba religion of his ancestors. Other Africans appear to be doing the same thing, both on the continent and

throughout the diaspora. But as Peter has found, it is not always easy to convert: Ifá, or Isese, involves effigies, divination, and making offerings to a range of deities, up to and including animal sacrifice. Those not initiated into the faith often see it as superstitious and even sinister. Devotees say that outsiders misunderstand, and complain that Ifá is pejoratively depicted as devil worship. It's perhaps little wonder that after Peter adopted Ifá, he chose not to tell his family about it. But now he's decided it's time to come clean, taking a trip back to Nigeria to confront childhood friends and loved ones, in the hope that they will give their blessing.

Presenter: Peter MacJob Producer: Michael Gallagher Strand producer: Rajeev Gupta

Production co-ordinator: Mica Nepomuceno

Editor: Helen Grady

FRI 05:00 BBC News (w172vkqkp28xlw1)

The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172yf90g27y7jg)

Ukrainians mark a year since Russian invasion

It's exactly a year since Russia invaded Ukraine. Tens of thousands of lives have been lost and millions of lives forever transformed. Ceremonies are due to take place across Ukraine to mark the anniversary with many people recollecting the day war broke out.

The scandal engulfing South Africa's energy company Eskom continues .

Saturday will see nearly 95 million Nigerians go to the polls in Presidential elections. How well prepared is the country?

And why is it so hard for new doctors to get jobs in Kenya?"

FRI 06:00 BBC News (w172ykqkp28xqm5)

The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172yf90g27yc8l)

A year of war in Ukraine

Ukraine is marking the first anniversary of the start of Russia's invasion with ceremonies across the country and a message of defiance expected from President Zelensky. The war that was meant to last just days is still raging with the human cost - almost impossible to measure

And in the US the culture wars are said to have reached a 'fever pitch' as libraries are under pressure to remove books about marginalized groups.

FRI 07:00 BBC News (w172ykqkp28xvc9)

The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172yf90g27yh0q)

One year on since the invasion of Ukraine

Ukraine is marking the first anniversary of the start of Russia's invasion. The Ukrainian President - Volodymyr Zelensky - who rallied his people during difficult times continues to win the support and admiration of the world. When this war is over how will Ukraine revive it's economy?

What has the past 365 days meant for Russia in the face of global sanctions?

Saturday will see nearly 95 million Nigerians go to the polls in Presidential elections. How well prepared is the country?

Also: Going from strength to strength - Manchester United are through to the last sixteen of the Europa League.

FRI 08:00 BBC News (w172ykqkp28xz3f)

The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct32h7)

Ece Temelkuran: Is Erdogan's control of Turkey under threat?

Stephen Sackur speaks to Ece Temelkuran, a prominent exiled Turkish writer and critic of President Erdogan. Erdogan has dominated Turkey for two decades but after the terrible earthquakes, with economic and political problems mounting and an election imminent, could his opponents finally bring him down?

FRI 08:30 BBC News Summary (w172ykrd3swmbct)

The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct30t1)

The importance of handmade products

The market for real handmade products is reported to have surged in recent years.

Initiatives such as Australia's Seasons of New England Expo and Makers Markets in the UK have led to a revival in small artisanal businesses. Online platforms also give skilful craftspeople a vast market to sell to.

Business Daily's David Reid hears from sellers in Manchester making things as diverse as balloon animals and mushroom growing kits. We also hear about the benefits of working with your hands.

The philosopher and motor mechanic, Matthew Crawford, is the author of "The Case for Working with your Hands' and "The World Beyond Your Head' – he tells us why office work and current management practices have removed judgement and decision making from our day-to-day efforts and alienated us from the real results of the work we do.

Produced and presented by David Reid.

(Image: A potter making a pot using a wheel. Credit: Getty Images)

FRI 08:50 Witness History (w3ct3bxv)

When the Queen 'jumped out of a helicopter'

How did an estimated 900 million people come to witness Her Majesty the Queen apparently parachuting from a helicopter with James Bond?

Frank Cottrell-Boyce who wrote the scene for the opening ceremony of the 2012 London Olympic Games explains how it came about.

Josephine McDermott hears how corgis, a clothes line and the Queen's dresser all played important parts.

(Photo: The moment the Queen and James Bond appeared to jump out of a helicopter above the Olympic Stadium in London. Credit: Getty Images)

FRI 09:00 BBC News (w172ykqkp28y2vk)

The latest five minute news bulletin from BBC World Service.

FRI 09:06 The Newsroom (w172yl862gmxfgy)

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

FRI 09:30 BBC News Summary (w172ykrd3swmg3y)

The latest two minute news summary from BBC World Service.

FRI 09:32 Tech Tent (w3ct4kj6)

Big Tech's big legal headache

On Tech Tent this week we hear how the Supreme Court is hearing claims that big tech firms such as Google and Twitter should be considered the publishers of the harmful content that appears on their platforms - Dr. Mary Anne Franks, President of the Cyber Civil Rights Initiative, tells us how it could change the way the internet works everywhere in the world. A year on from the Russian invasion of Ukraine we speak to one of the country's thousands of tech workers about how she has adapted to living and working in a time of war - and the government tells us the tech sector has kept growing, despite the destruction and loss of life. We find out about how some internet users in South Africa have had to become night owls because of the soaring cost of mobile data. And how to ride a virtual reality jetski - just by thinking about it.

(PHOTO CREDIT WASHINGTON, DC - FEBRUARY 21: (L-R) Jose Hernandez and Beatriz Gonzalez, stepfather and mother of Nohemi Gonzalez, who died in a terrorist attack in Paris in 2015, look on as their attorney Eric Schnapper speaks to the press outside of the U.S. Supreme Court following oral arguments in Gonzalez v. Google February 21, 2023 in Washington, DC. Oral arguments took place today in Gonzalez v. Google, a landmark case about whether technology companies should be liable for harmful content their algorithms promote. (Photo by Drew Angerer/Getty Images))

FRI 10:00 BBC News (w172ykqkp28y6lp)

The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3ct33q9)

What does the future hold for President Erdoğan?

The earthquakes that struck south-eastern Turkey and northern Syria on 6 February were deadly and devastating. Tens of

thousands have died - many more are unaccounted for.

It's not the first time that Turkey has been blindsided by a major earthquake. In 1999 the Turkish government was caught off-guard by an earthquake that killed more than 17,000 people. It sparked major public outcry that helped bring Recep Tayyip Erdoğan and his conservative Justice and Development Party (AKP) into power for the first time in 2003. Back then Erdoğan blamed poor governance and corruption for the huge number of

But now he is the one in power - and this earthquake is even deadlier still. There has been criticism of the speed and effectiveness of the Turkish government's response to the earthquake and anger at periodic building amnesties that legalised poorly built homes - despite Turkey's history of earthquakes.

So could Turkey's response to the earthquake have been better and what were the limiting factors? With elections on the horizon and an economy in trouble, will the shock of this earthquake loosen President Erdogan's grip on power? President Erdogan has cast himself as a key player on the international stage so what might all of this mean for the wider region?

Ritula Shah is joined by:

Sinan Ülgen, a former Turkish diplomat and director of the Centre for Economics and Foreign Policy Studies, an independent think tank based in Istanbul.

Tarık Oğuzlu, a Professor of Political Science and International Relations at Istanbul Aydin University.

Ayla Jean Yackley, a freelance journalist who has been covering the earthquake for the Financial Times.

Also featuring:

Ilnur Cevik, special advisor to President Erdoğan

Ilan Kelman, Professor of Disasters and Health and University College London

Photo: Turkish President Erdogan visits Hatay province in the aftermath of a deadly earthquake / Credit: Murat Cetinmuhurdar/Presidential Press Office/Handout via REUTERS

Producers: Imogen Wallace and Pandita Lorenz

FRI 11:00 BBC News (w172ykqkp28ybbt)

The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172yl862gmxnz6)

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

FRI 11:30 BBC News Summary (w172ykrd3swmpm6)

The latest two minute news summary from BBC World Service.

FRI 11:32 World Football (w3ct3hrg)

[Repeat of broadcast at 02:32 today]

FRI 12:00 BBC News (w172ykqkp28yg2y)

The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3ct380l) BBC Russian: Meet the Riga team

BBC Russian: Meet the Riga team

Faranak Amidi meets the BBC Russian journalists who relocated from Moscow to the Latvian capital after the invasion of Ukraine.

The first anniversary: what's in the news?

Editor Sergei Zakin tells us what the news focus has been for his team in the week of the first anniversary of the invasion.

The move from Moscow to Riga

Bureau chief Andrei Goryanov explains why the difficult decision was taken to move BBC Russian journalists and their families out of Moscow, and why Riga was chosen as their new home.

Leaving Russia

Seva Boiko, Liza Fokht and Sergei Goryashko share their experiences of the past year. They describe the challenge of leaving homes and family members and building a new life in a new city. We find out how the shared difficulties have brought the team closer together.

Riga: my home town

For several years, Latvian journalist Oksana Antonenko covered news from the Baltic region for BBC Russian. She tells

Page 16 of 16

us what it was like when nearly 50 colleagues arrived from Moscow to set up their new base in her home town.

Reporting Russia from outside

The move from Moscow to Riga has meant a new way of reporting for many of the BBC Russian team. Misha Poplavsky and Nataliya Zotova tell us how the change has impacted them. And they reflect with Oksana on what the future holds for them, personally and professionally.

(Photo: Faranak Amidi with BBC Russian's Oksana Antonenko in front of Riga's historic House of the Blackheads. Credit: BBC)

FRI 12:50 Witness History (w3ct3bxv)

[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172ykqkp28ykv2)

The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172yl862gmxxgg)

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

FRI 13:30 BBC News Summary (w172ykrd3swmy3g)

The latest two minute news summary from BBC World Service.

FRI 13:32 The Documentary (w3ct50pg)

Ukraine: A year of war

Correspondents come together to mark 12 months since the start of the Ukraine war for this special collaboration with BBC Podcast Ukrainecast.

Ukrainecast presenter and BBC Monitoring Russia editor Vitaly Shevchenko hosts a panel of BBC correspondents to answer questions from listeners around the world about the war, one year on. How is Ukraine faring, what is President Putin really thinking and what could happen next?

FRI 14:00 BBC News (w172ykqkp28ypl6)

The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172yfcgs8217jh)

Ukraine marks one year of war

One year after Moscow launched its invasion, ceremonies have been held in Kyiv and towns and cities across Ukraine - while in Russia the occasion is not being conspicuously marked. There's been no comment from President Putin, although the former president, Dmitry Medvedev, suggested his country should push Ukrainian forces all the way back to the Polish border. In Ukraine's capital, President Zelensky pledged to do everything to achieve victory in the year ahead.

Newshour's Lyse Doucet is live in the capital Kyiv and we'll be live in Moscow as well.

(Photo: Ukraine's President Volodymyr Zelensky hands a flag to a serviceman during a ceremony dedicated to the first anniversary of the Russian invasion of Ukraine. February 24, 2023. Credit: Ukrainian Presidential Press Service/Handout via Reuters)

FRI 15:00 BBC News (w172ykqkp28ytbb)

The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct32h7)

[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172ykrd3swn5lq)

The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w3ct3fw5)

Ukraine: The cost, one year on

Twelve months since Russian tanks rolled into Ukraine, farmers and food supply experts explain why the global impact of the invasion is still being felt. We speak to Oleg Ustenko, an economic advisor to President Zelensky. Also, a look ahead to Nieeria's national election.

(Picture: A ceremony to mark the first anniversary of the conflict, in Lviv, Ukraine. Credit: Getty Images.)

FRI 16:00 BBC News (w172ykqkp28yy2g)

The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172yg21kkmdbfj)

Russia-Ukraine war: One year on

One year on from Russia's invasion of Ukraine, we hear from three women who lost their husbands in the war. Viktoria, Natalie and Natalia's husbands were all part of the same brigade, and died after a rocket hit their base in September 2022.

We also connect to colleagues from the BBC's Ukrainian service. They tell us how they've been balancing reporting with protecting their families from the toll of the war.

We'll also discuss how other parts of the world are covering the anniversary, as many experience aftershocks such as rising food and energy prices.

(Photo: A visitor reacts while kneeling down in front of a monument to Ukrainian poet Lesya Ukrainka on the first anniversary of the beginning of Russia's military campaign in Ukraine, in Moscow, Russia. Credit: Reuters/Stringer)

FRI 17:00 BBC News (w172ykqkp28z1tl)

The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172yg21kkmdg5n) 2023/02/24 17:06 GMT

BBC OS gives a vibrant account of the day's events with explanation and reaction from those involved.

FRI 18:00 BBC News (w172ykqkp28z5kq)

The latest five minute news bulletin from BBC World Service.

FRI 18:06 The Fifth Floor (w3ct380l)

[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3ct3bxv)

[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172ykqkp28z99v)

The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172yl862gmymy7)

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

FRI 19:30 BBC News Summary (w172ykrd3swnn17)
The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w3ct4l5q) 2023/02/24 GMT

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

FRI 20:00 BBC News (w172ykqkp28zf1z)

The latest five minute news bulletin from BBC World Service.

FRI 20:06 Tech Tent (w3ct4kj6)

[Repeat of broadcast at 09:32 today]

FRI 20:30 BBC News Summary (w172ykrd3swnsbc)
The latest two minute news summary from BBC World Service.

FRI 20:32 The Documentary (w3ct50pq) [Repeat of broadcast at 13:32 today]

FRI 21:00 BBC News (w172ykqkp28zjt3)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172yfcgs8222rd)

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

FRI 22:00 BBC News (w172ykqkp28znk7)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 The Newsroom (w172yrxb6zzpnlt)

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

FRI 22:20 Sports News (w172yghl0b8mrlj)

Supported by bbc.co.uk/programmes/

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

FRI 22:30 BBC News Summary (w172ykrd3swp0tm)

The latest two minute news summary from BBC World Service.

FRI 22:32 World Business Report (w3ct3fyf) First broadcast 24/02/2023 22:32 GMT

The latest business and finance news from around the world, on

FRI 23:00 BBC News (w172ykqkp28zs9c)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 HARDtalk (w3ct32h7)

[Repeat of broadcast at 08:06 today]

FRI 23:30 BBC News Summary (w172ykrd3swp4kr)
The latest two minute news summary from BBC World Service.

FRI 23:32 World Football (w3ct3hrg) [Repeat of broadcast at 02:32 today]