

SATURDAY 31 OCTOBER 2020**SAT 00:00 BBC News (w172x5p439m5f3)**

The latest five minute news bulletin from BBC World Service.

SAT 00:06 The Real Story (w3cszscns)

US v China: A new Cold War?

The central committee of China's ruling Communist Party has been meeting this week in Beijing to map out its priorities for the next five years. While Americans decide whether Donald Trump or Joe Biden will set the direction of US foreign policy going forward, there is little doubt that Chinese President Xi Jinping will remain in his post for the foreseeable future - party leaders have already abolished his term limits. Whoever wins on 3 Nov, Beijing is likely to continue advancing its interests across the Asia-Pacific region and globally, often at odds with US goals. UN Secretary General Antonio Guterres has warned more must be done to avoid 'a new Cold War', adding: "our world cannot afford a future where the two largest economies split the globe in a great fracture - each with its own trade and financial rules and internet and artificial intelligence capacities." But as the Communist Party continues to successfully grow the Chinese economy and its influence overseas - while at the same time refusing to give ground on human rights or democratic reforms - is such a split inevitable? China's military is expanding and the number of countries relying on investment from Beijing is growing too. As the country becomes more technologically and economically self-sufficient, are the chances of avoiding a global schism decreasing? Are we about to witness a new Cold War? Ritula Shah is joined by a panel of experts.

SAT 01:00 BBC News (w172x5p439m5xvq)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 Business Matters (w172x19218yz4ym)

Global market nerves

Global stock markets fall amidst election and pandemic nerves. The worst week and month on US financial markets since March comes as the Eurozone economies experience strong quarterly growth, but that is not enough to reverse the declines in the first half of 2020 due to the pandemic. And fears grow of rich world economies going back into hibernation because of the second wave hitting Europe. Chris Low of FHN financial breaks down the data causing the market jitters. Kai Ryssdal of our sister station Marketplace checks in to talk about a Pennsylvania businessman who is anxious about what the US election will mean for his company. Also in the programme, we ask what if you've been stranded at sea since the start of the pandemic - and can't get home. An estimated 400,000 seafarers, are in that position. Plus, India has applied for Geographical Indication status for Basmati rice, which would prohibit Pakistan from exporting it to the EU.

All through the show we'll be joined by Colin Peacock of Radio New Zealand.

(Picture: a man wearing a face mask in front of the Euro currency symbol. Credit: AFP.)

SAT 02:00 BBC News (w172x5p439m61lv)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172x7bh36rrt0z)

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

SAT 02:30 BBC News Summary (w172x5pyk16wdw7)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3cszhk1)

Can cricket be a leading sport in the USA?

We discuss the latest in the Men's IPL and also preview the Women's IPL challenge with former India bowler, Snehal Pradhan, and look at the clash in scheduling with the Women's Big Bash. Plus, we speak to the Chief Executive of US Cricket, Iain Higgins, on their bid for ICC full member status by 2030. And with the whole of the South African cricket board resigning, we speak to Mo Allie live from Cape Town about what is next for South Africa cricket.

Photo: USA team photo (Credit: Getty images)

SAT 03:00 BBC News (w172x5p439m65bz)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 The Fifth Floor (w3cszjhx)

Inside the schools that chain boys

A BBC Arabic investigation has uncovered systemic child abuse inside Islamic schools in Sudan, known as khalwas. It found that boys are routinely chained, shackled and beaten; in some khalwas there was evidence of sexual abuse. The BBC's Mamdouh Akbiek worked with a local investigative journalist on the story.

Boston's Brazilian party-goers
Boston's large Brazilian community has stirred up controversy by holding huge outdoor parties despite Covid-19 restrictions, as BBC Brasil's Ricardo Senra explains.

Somali storm in a teacup
A social media star was deported from the self-declared republic of Somaliland because of a cup of tea. Bilal Bulshawi is from Somalia, and posted a picture of himself drinking tea decorated with the Somalia flag, whilst in Somaliland. BBC Somali's Bidhaan Dahir tells us about the online storm which followed.

Chile's referendum
Constanza Hola explains how a 30 pesos price rise for metro tickets last October led to the overwhelming referendum result this week to rewrite Chile's constitution.

Opening up about mental health in Pakistan
World mental health day is 10th October. To mark the date BBC Urdu's Saher Baloch decided to speak up about a topic very close to her heart, living with someone with a mental health condition.

Image: Sudanese schoolboy chained
Credit: BBC

SAT 03:50 Witness History (w3cszmvms)

With the president on 9/11

On September 11 2001, President George W. Bush was visiting an elementary school in Florida as two planes hit the World Trade Center. In an image that would become iconic, the White House chief of staff, Andrew Card, broke the news to the president by whispering in his ear as he listened to schoolchildren practising their reading. In interviews from 2011, Andrew Card recalls the moment that transformed President Bush's presidency and the course of recent history.

PHOTO: President George W. Bush shortly after learning of the 9/11 attacks (AFP/Getty Images)

SAT 04:00 BBC News (w172x5p439m6933)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 The Real Story (w3cszscns)

[Repeat of broadcast at 00:06 today]

SAT 05:00 BBC News (w172x5p439m6dv7)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172x7bh36rs58c)

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

SAT 05:30 BBC News Summary (w172x5pyk16ws3m)

The latest two minute news summary from BBC World Service.

SAT 05:32 Comedians Vs. The News (w3ct0x3j)

Dr Jason Leong and Evelyn Mok

Malaysian comedian Dr Jason Leong and Swedish comic Evelyn Mok join Jess Salomon and Eman El-Husseini to tackle the international headlines. This week, why is Malaysia facing a political crisis? And has the Swedish Prime Minister really banned trick or treating at Halloween? Get involved and tell us about the funny stories where you are. #comediansvssthenews

SAT 06:00 BBC News (w172x5p439m6jlc)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172x7d3znz4ww2)

Deaths and floods as quake hits Turkey and Greece

Rescuers have spent the night searching through the rubble of collapsed buildings in the Turkish city of Izmir, looking for survivors of Friday's powerful earthquake. Twenty people have been confirmed dead and at least seven-hundred were injured. The quake struck the Greek island of Samos too, where two teenagers were killed.

Also in the programme: A crackdown on political dissent in Cambodia; and why tourism bosses in Kazakhstan are now

embracing the iconic film character, Borat!

Joining Julian Worricker to discuss these and other issues: Azadeh Moaveni, Iranian author and Crisis Group's Gender Project Director, and James Rodgers, writer and lecturer in international journalism.

(Photo: Rescuers and local residents are frantically searching for survivors in Izmir. Credit: Reuters)

SAT 07:00 BBC News (w172x5p439m6nbh)

News bulletin

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172x7d3znz50m6)

US Election 2020: Trump and Biden battle for swing states

In a final burst of campaigning, US President Donald Trump and his Democratic challenger Joe Biden have criss-crossed Midwestern states that may hold the keys to the White House. More than 85 million people have voted early, 55 million of them by post, setting the US on course for its biggest voter turnout in over a century. James Coomarasamy reports from Michigan.

Also in the programme: Anger in France and in a number of Muslim-majority countries after the killings in Nice; and the impact of conflict on women around the world.

Joining Julian Worricker to discuss these and other issues: Azadeh Moaveni, Iranian author and Crisis Group's Gender Project Director, and James Rodgers, writer and lecturer in international journalism.

(Photo credit: Getty Images)

SAT 08:00 BBC News (w172x5p439m6s2m)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172x7d3znz54cb)

Covid-19 rise in Europe and US

The United States has again broken its daily coronavirus record with ninety four thousand new reported infections and nearly one thousand deaths. The number of people who have now tested positive in the US has passed nine million. Belgium has become the latest European country to announce a return to national lockdown for at least a month.

Also in the programme: The search for earthquake survivors continues in Turkey, victims of falling buildings and rising seas; and Biden and Trump battle for swing states.

(Photo credit: Getty Images)

SAT 08:30 BBC News Summary (w172x5pyk16x4c0)

The latest two minute news summary from BBC World Service.

SAT 08:32 The Documentary (w3csz4pv)

The Superlinguists

How to learn a language

Simon Calder asks how to go about acquiring a new tongue. He gets tips from those who know - innovative teachers and polyglots. The answers are surprising. At school, it is repetitive drills, shouted out loud by the whole class, that seem to lodge the grammar and pronunciation in the pupils' brains. But if you are an adult learning by yourself, then, on the contrary, don't stress about grammar and pronunciation, there are better, and more fun things to focus on. Simon has a go at learning Slovenian, can he order coffee and cake after just one lesson?

(Photo: Olly Richards and Katie Harris, with kind permission from both)

SAT 09:00 BBC News (w172x5p439m6wtr)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct19ys)

US Election: Race and policing

As the presidential election campaign nears its conclusion, another American city witnesses protests for racial justice after police officers shoot dead a black man on the streets of Philadelphia.

Host Nuala McGovern shares several conversations on the prominence of race in this election campaign including two police officers from New York and Missouri and several Black

Lives Matter protesters in Charlotte, North Carolina.

After the presidential debates promoted controversy around white supremacy groups, we also hear the individual stories of a man and woman who joined Neo Nazi groups in the US and their fears for post-election America.

Picture: Joseph Imperatrice

SAT 09:30 BBC News Summary (w172x5pyk16x834)

The latest two minute news summary from BBC World Service.

SAT 09:32 Girl Taken (w3ct0xw7)

Girl Taken

31/10/2020 GMT

Girl Taken is a two year investigation to find a little girl taken from her mother in Iran. In this 11 part series, recorded in real time, Sue Mitchell and Rob Lawrie slowly unravel the mystery of what happened to four year old Bru and set out to reunite mother and daughter after years of being apart.

The series starts when Sue Mitchell came into the story, as a reporter for the BBC covering the refugee crisis in Europe. The little girl had hit the media spotlight when her father, claiming to be a widow fleeing Afghanistan under threat of death from the Taliban, asked Rob Lawrie, a volunteer at the Calais camp, for help. He wanted Rob to smuggle Bru to the UK but this failed. Although the story was extensively covered no one knew Bru's mother was alive and desperately searching for her.

Through the original BBC coverage the mother, Goli, makes contact with Sue and Rob, telling them her daughter was taken from the family home in Tehran without her knowledge or consent. She'd been to the police in Iran but was told they could not help. She then travelled thousands of miles at the hands of smugglers with Bru's baby sister, Baran. Sickness forced her to stop in Denmark but authorities and refugee charities there could not find Bru. These recordings cover a series of dramatic turns in the search for the little girl.

The recordings also touch on the plight of other women whose children have been taken from them by abusive husbands. It is still a rare thing to happen, but this investigation exposes shortcomings in the asylum process. Since the recordings aired, officials have discovered other cases where men have come into the United Kingdom with a child to help their asylum claims. These claims have not been fully investigated in the past and there are few safeguards to protect those who have suffered as a result.

The series raises the plight of children living in the Calais Jungle and other overcrowded and unsanitary camps. Through Goli's story we learn more about the control others had in shaping her life. She'd had an arranged marriage to a cruel and controlling man and lived in a society where she had few rights. When she decided to flee Iran and search for Bru, she encountered many dangers, from smugglers to perilous sea crossings in the dead of night with Bru's baby sister, Baran, in her arms.

The series gives voice to one woman's story and in doing so raises issues affecting many others. Goli left the only culture she had known to search the world for her little girl and in doing so changed her outlook completely. On reaching the West she immersed herself in the education she had always wanted. As she began making her own choices she starts to experience possibilities and freedoms she had never before imagined. Goli is hopeful that her story could help other women to challenge the injustice and cruelty she has overcome.

SAT 09:50 Over to You (w3cszf55)

TikTok's influence on the US election

Listeners react to the documentary The TikTok Election - how enlightening was the investigation? And ahead of next week's US presidential vote, we reveal details of an OTY special on your views on what you've heard about the whole campaign across the BBC WS.

Plus the digital doctor is back to solve your online digital dilemmas - including news of the BBC's Sounds app ... and there's another chance to get to know about two listeners' everyday habits in "How I Hear".

Presenter: Rajan Datar

Producer: Howard Shannon.

SAT 10:00 BBC News (w172x5p439m70kw)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w172x3c2yf8qtel)

'There are a lot of moments where this is still terrifying' –

Danell Leyva

Former three-time Olympic gymnastics medallist - Danell Leyva - revealed his sexuality on National Coming Out Day in the United States earlier this month. The 29-year-old tells us his mum is the only member of his family he is out to and he feels he is "almost cheating" by talking to us, because most of his family can't speak English. He recalls things family members have said, not knowing his sexuality, that have had an impact on him. He also tells us people have reached out to him on social media to tell him that his story has helped them. Leyva - who represented Team USA during his athletic career - has now moved into acting. He's not keen to put a label on his sexuality and adds he would like to create a television show where a bisexual male is the main character as he feels historically bisexuals have not been taken seriously.

One year on from South Africa's men winning the Rugby World Cup we speak to Nulusindiso Boozi, who is captain of the women's team. She reflects on the men's achievement and tells us about her involvement in a campaign to raise the profile of the women's game. Boozi wants girls to take up the sport in primary school and says it would be a dream to see a women's professional league in the country. Boozi is targeting playing in a third World Cup in 2021 and says the whole of South Africa will be screaming if they can emulate the men's achievement in New Zealand.

Staying with rugby union and Murray Kinsella from the 42.ie gives us his thoughts and explains the permutations ahead of Super Saturday in the men's Six Nations.

Photographer Kelly Gavin joins us to reflect on covering baseball's World Series. The LA Dodgers ended a 32-year wait for the title and Gavin was there to capture the historic moment, which she describes as "nerve wracking" but also a dream come true. One of her images was used for the front cover of Sports Illustrated. Gavin also describes the moment she was hit on the skull by a ball travelling 96 miles an hour in 2016. She now wears a helmet when covering baseball.

Natasha Jonas tells us all about a week that saw her and her brother provide free boxing lessons and food parcels to children in need over the October school holidays in England. Jonas - who boxed at an Olympic Games and is chasing a world title in the professional ranks - says she relied on things like free school meals when she was growing up in Liverpool.

In Sporting Witness we tell the story of the Polish table-tennis player Natalia Partyka, who in Sydney 20 years ago became the youngest athlete in the history of the Paralympics when she competed at just 11 years of age.

And - the football journalist and broadcaster Vaishali Bhardwaj joins us to look ahead to Manchester City's game at Sheffield United in the Premier League.

(Photo: Silver medalist Danell Leyva of the United States celebrates at the medal ceremony for the Horizontal Bar, Rio 2016 Olympic Games, in Brazil. Credit: Alex Livesey/Getty Images)

SAT 11:00 BBC News (w172x5p439m74b0)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172x7bh36rsrw4)

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

SAT 11:30 BBC News Summary (w172x5pyk16xhld)

The latest two minute news summary from BBC World Service.

SAT 11:32 The Documentary (w3ct1642)

China's rocket man

Qian Xuesen is widely celebrated in China as the father of the country's rocket programme, and the man who kick-started its exploration of space. China is now second only to the US in terms of its dominance among the stars. But Qian also had an important part to play in the early scientific advances, before World War Two, that would eventually take the US to the moon. However, he is almost entirely forgotten by the country that nurtured his talent for decades, before anti-communist persecution sent him back to China, the land of his birth. Kavita Puri traces the rise and fall - and rise again - of an extraordinary life.

This is also a story about national myth-making and geopolitics. Qian's fortunes and misfortunes mirror Sino-American relations down the decades. And it is about the lies and betrayals that happen when individuals are caught up in the twists of history. There are important questions, too, about whom history remembers and whom it forgets, and whether Qian's deportation in 1955 was the biggest blunder the US ever made. This is also a tale that does not end with Qian's death in 2009. At a time when relations between America and China are again

at a nadir, his story still has powerful resonances today.

Presenter: Kavita Puri

(Photo: Qian Xuesen)

SAT 12:00 BBC News (w172x5p439m7824)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 Music Life (w3csz6tq)

The 'Lost Beats' folder with Felicia Douglass and Tiana Major9

Songwriter, keyboardist, percussionist and Dirty Projector Felicia Douglass chats to Sly5thAve, Leon Michels, and Tiana Major9 about their desires to become musicians, skills and hobbies they've acquired during quarantine that have fed into their work, and how they start a new piece of music.

Tiana Major9 is an up-and-coming singer-songwriter who has been praised as a "singular voice in British Black soul". Her music combines thoughtful soul, jazz, and R&B, and she features on Stormzy's Mercury-nominated album Heavy Is the Head. Leon Michels is an American producer and musician. As well as co-founding the labels Truth & Soul Records and Big Crown Records, he's also credited on Adele's Grammy-nominated album 19, and has worked with the likes of Lana Del Rey, Dr John and the Black Keys. And finally, Sylvester Onyejiaka, aka Sly5thAve, is a multi-instrumentalist, producer and arranger whose compositions are shaped by his faith in hip-hop and a deep understanding of soul, R&B, jazz, and West African music. He has performed alongside Prince, and worked with Stevie Wonder, Janelle Monáe and Quantic. In 2017 he released an orchestral album in tribute to Dr Dre, who congratulated his arrangement live on stage.

SAT 13:00 BBC News (w172x5p439m7ct8)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172x2z0kv3xkfv)

Turkey-Greece quake: Search for survivors under rubble

Rescue teams in the Turkish port city of Izmir are hunting through the rubble of collapsed buildings for survivors of Friday's powerful earthquake.

Also in the programme, James Bond actor Sean Connery dies aged 90; and mounting speculation in England about a new lockdown is under way.

(Photo: A woman reacts next to debris during rescue operations after an earthquake struck the Aegean Sea, in the coastal province of Izmir. Credit: Reuters)

SAT 14:00 BBC News (w172x5p439m7hkd)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172x3lgxzy16q)

Live Sporting Action

Sportsworld brings you live Premier League commentary as Burnley take on Chelsea at Turf Moor.

Lee James is joined by former Manchester City and Everton defender Sylvain Distin, ex-Australia international Alicia Ferguson and former Wolves and Nigeria goalkeeper Carl Ikeme to discuss all the big talking points.

We'll also bring you the latest from the IPL, qualifying for Formula One's Emilia Romagna Grand Prix at Imola, rugby's Six Nations and the netball Test series between England and New Zealand.

Photo: Chelsea and Senegal goalkeeper Edouard Mendy (Getty Images)

SAT 18:00 BBC News (w172x5p439m7zjx)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172x7bh36rtqz1)

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

SAT 18:30 BBC News Summary (w172x5pyk16yb9)

The latest two minute news summary from BBC World Service.

SAT 18:32 Trending (w3cszsvsm)

Sex, monks and video fakes

Luon Sovath is a softly spoken Buddhist monk who has long been a thorn in the side of the Cambodian government. And

now, he's been targeted by a state-sponsored disinformation campaign.

Earlier this year, a series of mysterious videos appeared on Facebook, accusing him of having affairs with four women from the same family.

Soon after he was defrocked and charged with raping another woman, one who didn't feature in the videos.

Luon Sovath denies all the allegations, and fled the country to go into exile in Switzerland. He and his supporters say he was the victim of an obvious smear campaign. Human rights organisations say the people responsible didn't cover their tracks very well – and that officials operate with impunity in Cambodia.

Should Facebook have moved quicker to disrupt an online plot to destroy a powerful voice for the powerless?

Presenter: Reha Kansara
Reporter: Ed Main

Photo: Luon Sovath in the Swiss countryside
Photo credit: Luon Sovath

SAT 18:50 More or Less (w3ct0py6)
Asymptomatic Covid-19 cases

A headline in a British tabloid newspaper claimed that 'Staggering 86% who tested Covid positive in lockdown had NONE of the official symptoms' but what does this mean and is it true?

SAT 19:00 BBC News (w172x5p439m8391)
The latest five minute news bulletin from BBC World Service.

SAT 19:06 The Evidence (w3ct0xk3)
Coronavirus: The Evidence

Are national lockdowns evidence of policy failure?

As a surge of cases risks overwhelming health services in parts of Europe, Claudia Hammond and experts from around the world examine the evidence behind using lockdowns to suppress the virus.

Lockdowns describe a huge range of actions that many governments took in the first wave of the pandemic when so little was known about where the virus was circulating. But full lockdowns are seen as very blunt tools, a last resort because they can have enormous social and economic consequences.

Instead a more targeted, localised, smarter response to slow down transmission is recommended, where data about virus circulation informs focussed interventions.

Also in the programme, The Great Barrington Declaration earlier this month called for an end to current lockdown policies and appealed for the vulnerable to receive "focussed protection" while everybody else "should immediately be allowed to resume life as normal". The goal, the group of scientists said, should be to minimise deaths and social harm, until herd immunity, or population immunity, is reached.

The World Health Organisation has described such a strategy as dangerous and counterproductive. Claudia's guests discuss the scientific and ethical issues raised and consider the scale of global exposure to this novel virus. So far only around 10% of the world's population have been infected so what would a policy of herd immunity in the absence of a vaccine mean for the remaining 90%?

Listeners put their questions about coronavirus and the pandemic directly to Claudia and her panel of specialists, which this month includes Dr Maria Van Kerkhove, Technical Lead for the World Health Organisation's Covid-19 Response; Professor Salim Abdool Karim, a clinical infectious diseases epidemiologist and Chair of South Africa's Ministerial Advisory Committee for Covid-19; Martin McKee, Professor of European Public Health at the London School of Hygiene and Tropical Medicine and one of the signatories to the John Snow Memorandum; epidemiologist Tove Fall, Professor at Uppsala University in Sweden running the Covid-19 symptom app and virologist Professor Steven Van Gucht, from Sciensano, the Belgian national institute for public and animal health.

The Evidence is produced in association with Wellcome Collection.
Production team: Fiona Hill and Maria Simons
Studio engineer: Jackie Margerum
Editor: Deborah Cohen

Photo: Customers standing on markers, Credit: Sam Panthaky/AFP/Getty Images

SAT 20:00 BBC News (w172x5p439m8715)
The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3cszk3p)
Singer Mariah Carey

Superstar diva Mariah Carey talks about struggling with her mixed-race identity.

Hollywood star Nicole Kidman tells us about her latest TV thriller *The Undoing*, and how director Susanne Bier made her sing its theme tune.

Husband and wife actors Samuel L Jackson and Latanya Richardson Jackson give us an insight into their 40-year marriage.

The Korean band Leenalchi sing their pop-meets-pansori hit *Tiger is Coming*.

RZA, one of the founding members of the legendary hip-hop group Wu-Tang Clan, talks about his latest film set in New Orleans.

The experimental composer Jennifer Walshe dissects Irish culture in her latest work *Ireland: A Dataset*.

And the Zambian singer, songwriter and producer Roberto tells us why he wrote his anthem to African women.

Joining Nikki Bedi in the studio to discuss the week's cultural highlights and to talk about her latest film *Luxor* is filmmaker Zeina Durra, and journalist and broadcaster William Lee Adams.

(Photo: Mariah Carey. Credit: Samir Hussein/Getty Images)

SAT 21:00 BBC News (w172x5p439m8bs9)
The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172x2z0kv3yjdjw)
Turkey-Greece quake: rescuers continue to find people alive

Rescuers in the Turkish city of Izmir are continuing to pull survivors from the rubble of collapsed buildings, after an earthquake on Friday brought down a number of apartment blocks. The city's mayor Tunc Soyer says 38 people have died.

Also on the programme; the British prime minister, Boris Johnson, announces plans for a second lockdown in England; and we'll hear about the blue moon that can be seen across the world tonight.

(Picture: Rescue operations in Izmir, Credit: EPA)

SAT 22:00 BBC News (w172x5p439m8gjf)
The latest five minute news bulletin from BBC World Service.

SAT 22:06 The Newsroom (w172x7bh36rv6yk)
The world's Newsroom brings you global events as they happen

SAT 22:30 BBC News Summary (w172x5pyk16yfst)
The latest two minute news summary from BBC World Service.

SAT 22:32 Heart and Soul (w3ct17xj)
The living water

Elizabeth Alker loves to feel the cold water as she slides into it from the river bank or steps nervously from the lake side. She is a Christian, used to the euphoric feeling that worship also brings her, and swimming in the open gives her a similar, immersive sensation - as soon as she leaves the water she immediately craves it again.

She sets out to find out why so many people have that same craving, discovering tranquility and spirituality in the icy water. From there she moves on to consider the spiritual nature of water itself.

Right across the world's faiths water represents life, fertility, healing and purity. It has been used in rituals for thousands of years, rivers are sacred, baptisms with water symbolises the introduction of children to their faith

Elizabeth explores why water is so important in the lives of believers, wild swimmers and the millions around the world whose spiritual thirst is quenched by its power.

She goes swimming with Helen Pidd of *The Guardian* newspaper who first introduced her to swimming outdoors, and Scottish singer Julie Fowlis who explains how the stories and myths surrounding water make their way into Gaelic music.

Professor Bron Taylor, author of *'Dark Green Religion'* discusses the place of water in organised religion - as well as his own connection with the ocean having spent years as a coast guard.

Izumi Hasegawa describes the place of water in Shinto, and Ruth Fitzmaurice, author of *'I Found My Tribe'*, describes how swimming in the ocean helped her profoundly through the illness and death of her beloved husband Simon.

Why is water so important in the lives of believers, wild swimmers and the millions around the world whose spiritual thirst is quenched by its power.

Producer: Geoff Bird
Presenter: Elizabeth Alker

(Photo: Two people watch someone swimming in the water.
Credit: Richard Lautens/Toronto Star/Getty Images)

SAT 23:00 BBC News (w172x5p439m8l8k)
The latest five minute news bulletin from BBC World Service.

SAT 23:06 Business Weekly (w3ct0spf)
Japan: Carbon neutral by 2050?

The new Japanese prime minister has pledged to make his country carbon neutral by 2050. On this edition of *Business Weekly* we'll ask how is he planning to do it? We'll also be taking a closer look at nuclear energy to find out whether mass production of smaller reactors could be the way forward for the industry. We'll find out what can be done to get more medical grade oxygen to countries in need. Plus, as the pandemic forces Hollywood to delay the release of big budget movies - how are cinemas affected?

Business Weekly is produced by Matthew Davies and presented by Lucy Burton

SUNDAY 01 NOVEMBER 2020

SUN 00:00 BBC News (w172x5p439m8q0p)
The latest five minute news bulletin from BBC World Service.

SUN 00:06 Comedians Vs. The News (w3ct0x3j)
[Repeat of broadcast at 05:32 on Saturday]

SUN 00:30 BBC News Summary (w172x5pyk16z292)
The latest two minute news summary from BBC World Service.

SUN 00:32 Trending (w3cszvszm)
[Repeat of broadcast at 18:32 on Saturday]

SUN 00:50 Over to You (w3cszfs5)
[Repeat of broadcast at 09:50 on Saturday]

SUN 01:00 BBC News (w172x5p439m8trt)
The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Science Hour (w3cszxxj)
Osiris Rex stows asteroid material

Last week NASA's Osiris-Rex mission successfully touched down on asteroid Benu's crumbly surface. But the spacecraft collected so much material that the canister wouldn't close. NASA systems engineer Estelle Church tells Roland Pease how she and the team back on Earth performed clever manoeuvres to remotely successfully shut the lid.

As winter draws on in the North, and people spend more time indoors, there's considerable debate about the conditions in which SARS-Cov2 is more likely to spread. Princeton University's Dylan Morris has just published research exploring the coronavirus's survival in different humidities and temperatures.

Indian agriculture in some areas uses vast amounts of water. Dr Vimal Mishra of the Indian Institute of Technology in Gandhinagar has discovered that this irrigation, plus very high temperatures, is causing not just extreme discomfort amongst the population but also more deaths.

In the 1930s serious dust storms over several years ruined crops and lives over a huge part of Midwest America. The dustbowl conditions were made famous by the folk songs of Woody Guthrie and in John Steinbeck's novel *Grapes of Wrath*. Now a study in *Geophysical Research Letters* suggests that levels of dust have doubled in the past twenty years. Roland Pease asks

researchers and farmers if they think the dust bowl is returning.

We've probably all got a friend who sings along wildly out of tune - or maybe you are that person. But why are some of us apparently tone deaf, while others can hold a melody? Can you train yourself to sing in tune, or is it mostly down to raw talent?

These musical questions, from CrowdScience listeners Jenny and Anastasia, certainly struck a chord with us. Anastasia loves to sing but her friends tell her she's off-key - or that "a bear trod on her ear," as they say in her native Russia. Is it possible for her to improve her singing voice, and what are the best ways of going about it?

Both musicians and scientists help us tackle these questions, and explain what's going on in our ears, brains and throats when we try to sing the right notes. We learn about congenital amusia, a condition which makes it almost impossible to tell if you're in tune or not, and attempt to tease out the relative influence of our genes and our environment when it comes to musical ability.

(Image: Getty Images)

SUN 02:00 BBC News (w172x5p439m8yhy)

The latest five minute news bulletin from BBC World Service.

SUN 02:06 The Newsroom (w172x7bh36rvpy2)

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

SUN 02:30 BBC News Summary (w172x5pyk16z9sb)

The latest two minute news summary from BBC World Service.

SUN 02:32 Heart and Soul (w3ct17xj)

[Repeat of broadcast at 22:32 on Saturday]

SUN 03:00 BBC News (w172x5p439m9282)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Big Idea (w3ct1c4s)

Big ideas: The body

What are the big ideas shaping how we think about our lives? New research, new theories, new data and new experiments are redefining how we behave as individuals and in our communities and societies. But where do these big ideas come from, who's behind them and what do they say? This hour-long programme provides a simple guide to the big ideas reshaping our understanding of both mind and body, and how the two are linked.

In The Big Idea, a programme based on the podcast with the same name, David Edmonds looks at some of the latest research on the body. We look at the role of laughter. We ask how politicians manipulate our sense of disgust. We test the links between our body and our emotions. We ask why some drug addicts want drugs, but don't like them. And we examine why humans spend a third of our lives asleep – and what goes wrong if we're awake for too long.

SUN 04:00 BBC News (w172x5p439m9606)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3csz9qc)

Power and the people in the USA, Nigeria and Chile

Whoever wins the Presidency, says Nick Bryant, wider trends in American society will still be felt long after the vote. While the fortunes of President Trump and Joe Biden have waxed and waned through the long campaign, the Covid pandemic has made this race unlike any other - and there are long-term problems still waiting to be addressed.

Pascale Harter introduces this and more insights and analysis from BBC correspondents and journalists around the world.

Nigeria has been startled - and in many places, inspired - by the speed and volume of a new protest movement aiming to speak out against police brutality. The #EndSARS campaign began as

a hashtag, but soon there were many thousands of Nigerians, particularly young ones, ready to take to the streets to express their concerns and their demands. Yemisi Adegoke traces the roots and the impact of the recent demonstrations.

Chile's citizens recently voted for a new constitution - to replace the existing one, which was brought in during the era of the Pinochet dictatorship. Jane Chambers listens to people on both sides of the debate over what sort of a country Chileans want it to be in future.

(Image: A voting station in Atlanta, Georgia, USA. Credit: Reuters/Brandon Bell)

SUN 04:30 BBC News Summary (w172x5pyk16zk8l)

The latest two minute news summary from BBC World Service.

SUN 04:32 Girl Taken (w3ct0xw7)

[Repeat of broadcast at 09:32 on Saturday]

SUN 04:50 The Big Idea (w3ct0xj3)

Understanding emotions: Should we follow our hearts?

Watching a scary movie, you feel scared. But how do our brain and body work together to tell us about our emotions? A brilliant young scientist has been finding out why the art of interoception could help us better manage our emotions.

Image: A person makes a heart shape with their hands (Credit: Getty Images)

SUN 05:00 BBC News (w172x5p439m99rb)

The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172x7bh36rv25g)

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

SUN 05:30 BBC News Summary (w172x5pyk16zp0q)

The latest two minute news summary from BBC World Service.

SUN 05:32 Trending (w3cszvm)

[Repeat of broadcast at 18:32 on Saturday]

SUN 05:50 More or Less (w3ct0py6)

[Repeat of broadcast at 18:50 on Saturday]

SUN 06:00 BBC News (w172x5p439m9fng)

The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172x7d3znz7ss5)

Powerful typhoon hits the Philippines

A super typhoon has made landfall in the Philippines with wind speeds of up to two hundred and twenty five kilometres an hour.

Also in the programme: The British prime minister, Boris Johnson, has announced a second lockdown in England for a month to control a fast rise in coronavirus cases; and Biden and Trump in last weekend dash round swing states.

Joining Julian Worricker to discuss these and other issues: Amin Maalouf, Lebanese-born French author, and Karin von Hippel, Director-General of the Royal United Services Institute in London.

(Photo: Residents in Legaspi, Albay province, shop before the typhoon hits. Credit: Getty Images)

SUN 07:00 BBC News (w172x5p439m9k7l)

The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172x7d3znz7xj9)

US candidates in last weekend dash to win votes

This year's US presidential election is on course for a record turnout, with more than 90-million Americans voting early. That's two-thirds of the total number of people who voted in 2016.

Also in the programme: A typhoon that has made landfall in the Philippines is moving towards the capital, Manila, with wind speeds of more than two hundred kilometres an hour; and we hear from both France and Turkey following the attacks in Nice on Thursday and the demonstrations against President Macron

in a number of Muslim majority countries.

Joining Julian Worricker to discuss these and other issues: Amin Maalouf, Lebanese-born French author, and Karin von Hippel, Director-General of the Royal United Services Institute in London.

SUN 08:00 BBC News (w172x5p439m9nzq)

The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172x7d3znz818f)

Nearly 90 million Americans cast early vote

This year's US presidential election is on course for a record turnout. 90 million Americans have now cast early ballots before election day on Tuesday. That's two-thirds of the total number of people that voted in 2016.

Also in the programme: Votes have been cast in Ivory Coast's controversial presidential election; and Sir Sean Connery has died at the age of 90.

Joining Julian Worricker to discuss these and other issues: Amin Maalouf, Lebanese-born French author, and Karin von Hippel, Director-General of the Royal United Services Institute in London.

(Photo credit: EPA)

SUN 08:30 BBC News Summary (w172x5pyk170183)

The latest two minute news summary from BBC World Service.

SUN 08:32 The Food Chain (w3cszjqr)

How to enjoy eating with your own children

Mealtimes with small children, whether they are your own or someone else's, can be a far from relaxing experience. Dinner with a toddler can be a wild affair, leaving the adults around the table exhausted. Is this a key part of a child's learning, or should we get in quick and teach table manners in the high chair? How can a parent banish mealtime battles and turn a child into a dream dinner companion? And what can we tell about our attitudes to food and parenting philosophies when we look at how we teach our children to eat?

Emily Thomas meets three parents from around the globe, who've mastered the art of a chilled family mealtime.

Contributors: Pamela Druckerman, author of French Children Don't Throw Food, Sherlyn Kim, CEO of Molly Manners Korea and Vaishali Sudan Sharma of The Champa Tree parenting blog.

SUN 09:00 BBC News (w172x5p439m9sqv)

The latest five minute news bulletin from BBC World Service.

SUN 09:06 From Our Own Correspondent (w3csz9qc)

[Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172x5pyk170507)

The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3csz0n)

The celestial treasure hunters

Mike Farmer and Robert Ward have spent decades travelling the world in pursuit of meteorites. Their awe-inspiring and insatiable hunt led to fortune – but also unexpected danger. It's a story of cowboys, cargo pants and some of the most coveted rocks on earth. This episode was first broadcast on 23rd February 2019.

Presenter: Saskia Edwards

Producer: Maryam Maruf

Image: Silhouette of a man watching a meteor shower over Italy
Credit: Marco Bertorello/AFP/Getty Images

SUN 10:00 BBC News (w172x5p439m9xgz)

The latest five minute news bulletin from BBC World Service.

SUN 10:06 WorklifeIndia (w3ct1c12)

Is intolerance impacting businesses in India?

In the backdrop of an India where religious polarization is rising, are businesses beginning to face the heat?

Recent instances in the country have highlighted sharp contrasts in the way brands have reacted to a changing social atmosphere.

A popular jewellery brand pulled its advertisement featuring an interfaith couple after a right-wing backlash on social media, while some other big businesses announced that they won't advertise anymore on news channels that, according to them, spread toxic content.

But is all this hurting business sentiment, and India's image on an international platform as an investor-friendly market?

In this edition of WorklifeIndia, we discuss how intolerance is affecting India's business community.

Presenter: Devina Gupta

Contributors: Dr Mukund Govind Rajan, former brand custodian, Tata Group, chairman, ECube Investment Advisors; Narayan Sundaraman, head of marketing, Bajaj Auto Ltd; Ronita Mitra, founder, Brand Eagle Consulting

SUN 10:30 BBC News Summary (w172x5pyk1708rc)
The latest two minute news summary from BBC World Service.

SUN 10:32 Heart and Soul (w3ct17xj)
[Repeat of broadcast at 22:32 on Saturday]

SUN 11:00 BBC News (w172x5p439mb173)
The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172x7bh36rwn7)
The world's Newsroom brings you global events as they happen

SUN 11:30 BBC News Summary (w172x5pyk170dhh)
The latest two minute news summary from BBC World Service.

SUN 11:32 The Compass (w3ct165g)
Climate Wars

Climate Wars: The Sahel

The latest Intergovernmental Panel on Climate Change report identified the Sahel as a 'climate change hot spot', a region where human security is particularly threatened by the effects of global warming.

Will Robson explores the area's war-torn history and investigates how climate change is acting as the catalyst to migration, violent disputes over water and the growth of brutal armed extremists. He hears from those caught in the middle of conflicts in Mali and the Lake Chad region and discovers how drought and rapid desertification are fanning the flames of violence.

Produced by Simon Jarvis and Tom Roseingrave. A Whistledown Production for the BBC World Service.

SUN 12:00 BBC News (w172x5p439mb4z7)
The latest five minute news bulletin from BBC World Service.

SUN 12:06 The Evidence (w3ct0xk3)
[Repeat of broadcast at 19:06 on Saturday]

SUN 13:00 BBC News (w172x5p439mb8qc)
The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172x2z0kv40gby)
US Election 2020: Biden and Trump in last weekend dash round swing states

On the last weekend of campaigning both presidential candidates focus on the swing states which could decide next Tuesday election. Donald Trump will hold rallies in Michigan, Iowa, North Carolina, Georgia and Florida on Sunday and Mr Biden will campaign in Pennsylvania.

Also in the programme: Typhoon Goni hammers the Philippines as the strongest typhoon so far this year in the country; and seven pro-democracy politicians are arrested in Hong Kong for taking part in a protest inside the territory's legislature earlier this year.

(Photo: A woman wearing a face mask with the word "vote" at a campaign drive-in for Joe Biden. Credit: Reuters).

SUN 14:00 BBC News (w172x5p439mbdgh)
The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Big Idea (w3ct1c4s)

[Repeat of broadcast at 03:06 today]

SUN 15:00 BBC News (w172x5p439mbj6m)
The latest five minute news bulletin from BBC World Service.

SUN 15:06 The Forum (w3cszjw8)
Dido of Carthage: A love story gone wrong

A Phoenician princess, who fled into exile to escape the cruel king of Tyre, sailed across the Mediterranean Sea to North Africa, where she founded the great city of Carthage in the ninth century BC. Well, that is one story about Dido, or Elissa, as she is known in today's Lebanon and Tunisia. Another, from the Roman poet Virgil, puts her at the centre of a tragic love story: first entranced, then abandoned by the wandering Trojan hero Aeneas, Dido curses him and takes her own life. So who was the real Dido? Was she a powerful independent queen, or a victim - a spurned lover? And did she exist at all?

Bridget Kendall is joined by Josephine Quinn, professor of Ancient History at Oxford University, and the author of the book *In Search of the Phoenicians*; Helene Sader, professor of Archaeology at the American University of Beirut, and the author of *The History and Archaeology of Phoenicia*; Roald Docter, professor of Archaeology at Ghent University and the editor of *Carthage Studies*; and Boutheina Maraoui Telmini, professor of Punic History and Archaeology at the University of Tunis.

(Image: A drawing of Dido and Aeneas hunting deer. Credit: Bettmann/Getty Images)

SUN 15:50 The Big Idea (w3ct0xj3)
[Repeat of broadcast at 04:50 today]

SUN 16:00 BBC News (w172x5p439mbmyr)
The latest five minute news bulletin from BBC World Service.

SUN 16:06 Sportsworld (w172x3lgzq15m2)
Live Sporting Action

Sportsworld brings you live Premier League commentary as Manchester United host Arsenal.

Delyth Lloyd is joined by former Premier League goalkeeper with Chelsea and Stoke, Asmir Begovic, to discuss the weekend's big talking points.

We'll have reaction to the day's early games with Aston Villa facing Southampton and Newcastle taking on Everton.

Elsewhere, we'll keep you updated with men's football across the rest of Europe and we'll reflect on Formula One's Emilia Romagna Grand Prix.

Photo: Arsenal and Ghana midfielder Thomas Partey (Getty Images)

SUN 19:00 BBC News (w172x5p439mc064)
The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172x7bh36rxrm8)
The world's Newsroom brings you global events as they happen

SUN 19:30 BBC News Summary (w172x5pyk171cgj)
The latest two minute news summary from BBC World Service.

SUN 19:32 The Documentary (w3csz4pv)
[Repeat of broadcast at 08:32 on Saturday]

SUN 20:00 BBC News (w172x5p439mc3y8)
The latest five minute news bulletin from BBC World Service.

SUN 20:06 Music Life (w3csz6tq)
[Repeat of broadcast at 12:06 on Saturday]

SUN 21:00 BBC News (w172x5p439mc7pd)
The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172x2z0kv41f9z)
Turkey earthquake: Search efforts continue for third day

The number of people who are known to have died in Friday's earthquake in western Turkey has risen to sixty-nine. Rescue

work is continuing in collapsed buildings in the city of Izmir, but hopes of finding more survivors are diminishing.

Also on the programme: a look at allegations that some people in Texas are still facing unfair hurdles; and more on the computer software that can detect the virus because of the way you cough.

(Picture: Buildings damaged by Friday's earthquake in Turkey. Credit: Reuters)

SUN 22:00 BBC News (w172x5p439mcfj)
The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Newsroom (w172x7bh36r3vnn)
The world's Newsroom brings you global events as they happen

SUN 22:30 BBC News Summary (w172x5pyk171qpx)
The latest two minute news summary from BBC World Service.

SUN 22:32 Outlook (w3cszf0n)
[Repeat of broadcast at 09:32 today]

SUN 23:00 BBC News (w172x5p439mch5n)
The latest five minute news bulletin from BBC World Service.

SUN 23:06 From Our Own Correspondent (w3csz9qc)
[Repeat of broadcast at 04:06 today]

SUN 23:30 BBC News Summary (w172x5pyk171vg1)
The latest two minute news summary from BBC World Service.

SUN 23:32 Girl Taken (w3ct0xw7)
[Repeat of broadcast at 09:32 on Saturday]

SUN 23:50 The Big Idea (w3ct0xj3)
[Repeat of broadcast at 04:50 today]

MONDAY 02 NOVEMBER 2020

MON 00:00 BBC News (w172x5p4gkxhg5y)
The latest five minute news bulletin from BBC World Service.

MON 00:06 BBC OS Conversations (w3ct19ys)
[Repeat of broadcast at 09:06 on Saturday]

MON 00:30 BBC News Summary (w172x5pyx9j5tgb)
The latest two minute news summary from BBC World Service.

MON 00:32 Discovery (w3ct16c3)
Anatomy Of Touch

Affectionate touch

Claudia Hammond looks at the neuroscience behind our sense of touch. Why does a gentle touch from a loved one make us feel good? This is a question that neuroscientists have been exploring since the late 1990s, following the discovery of a special class of nerve fibres in the skin. There seems to be a neurological system dedicated to sensing and processing the gentle stroking you might receive from a parent or lover or friend, or that a monkey might receive from another grooming it. Claudia talks to neuroscientists Victoria Abaira, Rebecca Bohme, Katerina Fotopoulou and Francis McGlone who all investigate our sense of emotional touch, and she hears from Ian Waterman who lost his sense of touch at the age of eighteen.

MON 01:00 BBC News (w172x5p4gkxhk2)
The latest five minute news bulletin from BBC World Service.

MON 01:06 World Business Report (w172x57xgrxhy8t)
Two days until US election

It's all getting very tense as we near the end of the US election process, so what's it like on the ground? We speak to Lauren Fedor, the Financial Times' Washington correspondent. The US election doesn't just impact that country, it has seismic implications for many other economies around the globe as we hear from independent economist, Michael Hughes. Plus, what do parents owe their adult children and has the covid pandemic changed the financial equation? Manuela Saragosa reports. And Alex Durrant, Chief Executive of dating app Jigsaw, tells us how online dating is faring during the coronavirus pandemic.

(Photos of President Donald Trump and Joe Biden during the final presidential debate by Brendan Smialowski and Jim Watson, Brendan Smialowski, Jim Watson via Getty Images)

MON 01:30 BBC News Summary (w172x5pyx9j5y6g)
The latest two minute news summary from BBC World Service.

MON 01:32 The Food Chain (w3cszjqr)
[Repeat of broadcast at 08:32 on Sunday]

MON 02:00 BBC News (w172x5p4gkxhpb6)
The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172x7bhgh22g3b)
The world's Newsroom brings you global events as they happen

MON 02:30 BBC News Summary (w172x5pyx9j61y1)
The latest two minute news summary from BBC World Service.

MON 02:32 When Katty Met Carlos (w3ct164q)
What do women voters want?

Women will play a critical role in who wins the U.S. presidential election. Pollsters are keeping a close eye on this important voting bloc, and there is data to suggest that no nominee for either party has ever garnered as much female support as the Democratic nominee, Joe Biden. So what do women voters want? Katty and Carlos are joined by Carrie Lukas, president of the conservative-leaning Independent Women's Forum, and Christian Nunes, president of the National Organisation for Women, a feminist activist group founded in the 1960s.

Editor: Penny Murphy
Produced by Sandie Kanthal, Iyore Odighizuwa, Maeve McGoran, Jonelle Awomoyi, and Suzanne Kianpour
Mixed by Nigel Appleton

MON 03:00 BBC News (w172x5p4gkxhtfb)
The latest five minute news bulletin from BBC World Service.

MON 03:06 The Forum (w3cszjw8)
[Repeat of broadcast at 15:06 on Sunday]

MON 03:50 Sporting Witness (w3cszh5r)
Natalia Partyka - Youngest paralympian

In 2000, Poland's Natalia Partyka became the youngest ever athlete to take part in the Paralympic Games when she competed in the table tennis tournament in Sydney at the age of 11. Now established as one of the greatest para-athletes of all time, she's gone on to win five gold medals and also to take part in competitions for able-bodied athletes, including the London 2012 Olympics. She talks to Steve Hankey about her remarkable career. The programme is a Whistledown Production.

PHOTO: Natalia Partyka at the 2008 Paralympics in Beijing (AFP)

MON 04:00 BBC News (w172x5p4gkxhy5g)
The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172x7bhgh22pll)
The world's Newsroom brings you global events as they happen

MON 04:30 BBC News Summary (w172x5pyx9j69fv)
The latest two minute news summary from BBC World Service.

MON 04:32 CrowdScience (w3cszv6k)
Can I learn to sing in tune?

We've probably all got a friend who sings along wildly out of tune - or maybe you are that person. But why are some of us apparently tone deaf, while others can hold a melody? Can you train yourself to sing in tune, or is it mostly down to raw talent?

These musical questions, from CrowdScience listeners Jenny and Anastasia, certainly struck a chord with us. Anastasia loves to sing but her friends tell her she's off-key - or that "a bear trod on her ear," as they say in her native Russia. Is it possible for her to improve her singing voice, and what are the best ways of going about it?

Both musicians and scientists help us tackle these questions, and explain what's going on in our ears, brains and throats when we

try to sing the right notes. We learn about congenital amusia, a condition which makes it almost impossible to tell if you're in tune or not, and attempt to tease out the relative influence of our genes and our environment when it comes to musical ability.

Presented by Marijke Peters and produced by Cathy Edwards for the BBC World Service.

Image: Child Singing. Credit: Getty Images

MON 05:00 BBC News (w172x5p4gkxj1xl)
The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172x2wklxm4b89)
Final day of campaigning in US presidential election

We hear from a Republican who says one last push on the road from President Trump will be enough for him to overturn Joe Biden's poll lead.

Typhoon Goni has hit the Philippines with winds of more than 250 kilometres an hour - we'll have the latest on the impact of the storm.

And the man who paid almost \$100,000 (7m rupees) for what he believed was a magical lamp.

MON 06:00 BBC News (w172x5p4gkxj5nq)
The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172x2wklxm4g0f)
European countries go into Covid lockdown

We hear how the UK and Italy are bringing in different restrictions to stop the spread of coronavirus.

In the United States, President Donald Trump and his challenger Jo Biden are using the final hours before the election to campaign in key battleground states.

And tens of thousands of people continue to protest in Poland against the introduction of strict abortion laws. We hear from a campaigner who's helping women get access to safe terminations.

MON 07:00 BBC News (w172x5p4gkxj9dv)
The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172x2wklxm4krk)
Following the science: Europe deals with Covid-19 second wave

Europeans return to life under pandemic restrictions as countries try to stop rising cases and deaths

With only one day to go before the US presidential election, we go to the crucial swing state of Florida.

And we also visit Izmir, the Turkish town devastated by an earthquake on Friday, as desperate efforts continue to save those trapped under collapsed buildings.

MON 08:00 BBC News (w172x5p4gkxj4z)
The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3cszc2q)
Perez Hilton: The 2000s' gossip-in-chief

Gossip, scurrilous rumour, a fascination with the flaws of the rich and famous: these human foibles are as old as the hills, but the age of the internet has amplified their power. Perez Hilton, real name Mario Lavandera, can lay claim to being the godfather of online gossip and scandal mongering. He created his showbiz gossip blog 16 years ago, and made a pile of money trashing reputations and inflicting misery on the famous. Now he says he's sorry, but should we believe him?

MON 08:30 BBC News Summary (w172x5pyx9j65fc)
The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3csz7k6)
Lessons from the homeless

Manuela Saragosa finds out what happened when fifty homeless people were gifted thousands of dollars each. The gifts were part of a social project in Canada and the results were unveiled this month. The results were described as 'beautifully surprising' by the project's leaders.

(Pic of pregnant homeless woman on the corner of a busy street in downtown Toronto, Ontario, Canada by Creative Touch Imaging Ltd via Getty Images).

MON 08:50 Witness History (w3cszmkz)
The sex musical that wowed New York and London

In 1969, a theatrical revue called Oh Calcutta opened in New York featuring extensive male and female nudity. Created by renowned critic Kenneth Tynan, a London version followed the next year and the show ran in both cities for thousands of performances. Vincent Dowd talks to Margo Sappington and Linda Marlowe, two members of the original cast.

PHOTO: The Oh Calcutta cast from the New York Production in 1981 (Ron Galella/Getty Images)

MON 09:00 BBC News (w172x5p4gkxjx3)
The latest five minute news bulletin from BBC World Service.

MON 09:06 When Katty Met Carlos (w3ct164q)
[Repeat of broadcast at 02:32 today]

MON 09:30 BBC News Summary (w172x5pyx9j6x5h)
The latest two minute news summary from BBC World Service.

MON 09:32 CrowdScience (w3cszv6k)
[Repeat of broadcast at 04:32 today]

MON 10:00 BBC News (w172x5p4gkxjnn7)
The latest five minute news bulletin from BBC World Service.

MON 10:06 Comedians Vs. The News (w3ct0x3j)
[Repeat of broadcast at 05:32 on Saturday]

MON 10:30 BBC News Summary (w172x5pyx9j70xm)
The latest two minute news summary from BBC World Service.

MON 10:32 Trending (w3cszvsd)
[Repeat of broadcast at 18:32 on Saturday]

MON 10:50 More or Less (w3ct0py6)
[Repeat of broadcast at 18:50 on Saturday]

MON 11:00 BBC News (w172x5p4gkxjsdc)
The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172x7bhgh23jth)
The world's Newsroom brings you global events as they happen

MON 11:30 BBC News Summary (w172x5pyx9j74nr)
The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3cszj44)
Kim Chakanetsa presents a conversation between two women from different cultures about their paths to success.

MON 12:00 BBC News (w172x5p4gkxjx4h)
The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3cszd3y)
Painting for our lives

Ben Quilty was one of Australia's most famous painters when he entered into an unusual friendship with a condemned man, Myuran Sukumaran, a convicted drug smuggler on death row in Indonesia. He was a member of a group of imprisoned Australians known as the Bali Nine. Ben was invited to teach Myuran how to paint, as a way to help him cope with his sentence, and he soon started to reveal an artistic talent. The two men gradually developed a close connection, but it was severed by a firing squad. First broadcast 2018.

Mexican artist Julia Lopez is now a world-renowned painter, but she very nearly didn't discover her talent at all. She grew up as a farm labourer in rural Mexico, and found work as a maid after moving to Mexico City. But one day her life changed, when she was scouted by the famous artist Frida Kahlo to become a model. It wasn't long before she picked up the paintbrush herself. Outlook's Clayton Conn has the story. First broadcast 2018

For nearly 30 years, Mark Landis donated scores of artworks by

famous artists to museums all over the United States. He was feted as a philanthropist. But all of them were forged - by Mark himself. Because he never took any money from the museums, he hasn't committed a crime under US law. Jo Fidgen asked why he did it. First broadcast 2015.

Picture: Ben Quilty and Myuran Sukumaran
Credit: Andrew Quilty

MON 12:50 Witness History (w3cszmks)
[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172x5p4gkxk0wm)
The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172x7bhgh23s9r)
The world's Newsroom brings you global events as they happen

MON 13:30 BBC News Summary (w172x5pyx9j7d50)
The latest two minute news summary from BBC World Service.

MON 13:32 CrowdScience (w3cszv6k)
[Repeat of broadcast at 04:32 today]

MON 14:00 BBC News (w172x5p4gkxk4mr)
The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172x2z0y3f7b8b)
Swing state Michigan on the eve of the US presidential election

Can President Trump win key electoral college votes in Michigan again? Our presenter James Coomaramy reports from the state on the last day of a tense and rancorous election battle.

Also in the programme: an interview with the former Bolivian president, Evo Morales, and a rare glimpse of life under tightening restrictions in the Chinese region of Inner Mongolia.

(Picture: US President Donald Trump boards Air Force One as he departs for campaign travel at Miami International Airport in Miami, Florida. Credit: Reuters/Carlos Barria)

MON 15:00 BBC News (w172x5p4gkxk8cw)
The latest five minute news bulletin from BBC World Service.

MON 15:06 When Katy Met Carlos (w3ct164q)
[Repeat of broadcast at 02:32 today]

MON 15:30 BBC News Summary (w172x5pyx9j7mn8)
The latest two minute news summary from BBC World Service.

MON 15:32 World Business Report (w172xlv4vc573sl)
England heads towards second lockdown

We gauge the business impact of a second national lockdown due in England from Thursday. Adam Hewson runs two bookshops in London which will have to close, and offers his reaction to the news. And Emma McClarkin, chief executive of the British Beer and Pub Association tells us how the hospitality sector is likely to be hit. Meanwhile the BBC's Maddy Savage in Stockholm explains how Sweden's far less stringent approach to combating the coronavirus pandemic has played out there. Also in the programme, European budget airline Ryanair has reported a loss of close to €200m and says passenger numbers have dropped by 80% as a result of Covid-19. Chief executive Michael O'Leary discusses the outlook for the business. Plus, at a time when trust in government is at an all-time low in many parts of the world, some believe companies should step up and solve some of the world's biggest problems. Our regular workplace commentator Stephanie Hare explores how such firms might go about building a moral compass.

(Picture: UK PM Boris Johnson announces new pandemic measures. Picture credit: Getty Images.)

MON 16:00 BBC News (w172x5p4gkxkd40)
The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172x2l38qt3r5v)
US election: White suburban women

We're in Reno, Nevada, with just one day to go until the US election. One important voting bloc we've heard mentioned a lot during this campaign is white suburban women. Their votes in swing states could be crucial, so we visit a suburban neighbourhood and meet two women there.

Also, we bring together two US police officers to discuss their jobs, how they are perceived and which president they think is best for policing.

And we discuss how big an issue Covid-19 is in the US election. Our guest medical expert today is Dr Eleanor Murray from Boston University.

(Photo: Whitney and Lacey, two suburban women in Reno, Nevada. Credit: BBC)

MON 17:00 BBC News (w172x5p4gkxkhv4)
The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172x2l38qt3vxz)
US election: Policing

Policing has been a big debate in the US election, so we bring together two US police officers to discuss their jobs, how they are perceived and which president they think is best for policing.

Also, we're in Reno, Nevada with just one day to go until the US election. One important voting bloc we've heard mentioned a lot during this campaign is white suburban women. Their votes in swing states could be crucial, so we visit a suburban neighbourhood and meet two women there.

And we meet a woman in the suburbs who was adopted at birth. She is a Democratic supporter and has recently made contact with her birth parents and discovered they are Trump supporters. She discusses the difficult political conversations she is having with her newly found family.

(Photo: Police officer Joseph Imperatrice. Credit: Joseph Imperatrice)

MON 18:00 BBC News (w172x5p4gkxkmm8)
The latest five minute news bulletin from BBC World Service.

MON 18:06 Outlook (w3cszd3y)
[Repeat of broadcast at 12:06 today]

MON 18:50 Witness History (w3cszmks)
[Repeat of broadcast at 08:50 today]

MON 19:00 BBC News (w172x5p4gkxkrcd)
The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172x7bhgh24hsj)
The world's Newsroom brings you global events as they happen

MON 19:30 BBC News Summary (w172x5pyx9j83ms)
The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w172x3jvdsswqtf)
2020/11/02 GMT

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

MON 20:00 BBC News (w172x5p4gkxk3j)
The latest five minute news bulletin from BBC World Service.

MON 20:06 When Katy Met Carlos (w3ct164q)
[Repeat of broadcast at 02:32 today]

MON 20:30 BBC News Summary (w172x5pyx9j87cx)
The latest two minute news summary from BBC World Service.

MON 20:32 Discovery (w3ct1c6d)
Anatomy Of Touch

Digital touch

Claudia Hammond asks if touch can be replicated digitally? What devices exist already and how likely are we to use them? Michael Banissy, co-creator of the Touch Test, neuroscientist David Eagleman and researcher Carey Jewitt look at the possibilities for touch technologies in the future. David has developed a wristband that translates sound into touch for deaf people. Carey looks at the ethics of digital touch and Michael reveals the attitudes from the Touch Test towards digital technologies. If we could replicate the feeling of holding a loved one's hand in hospital would it really be the same? And

dancer Lisa May Thomas talks about her experience of extending touch into space and through virtual reality.

MON 21:00 BBC News (w172x5p4gkxkzvn)
The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172x2z0y3f85h7)
Trump and Biden in final dash for votes

On the final day of campaigning for the US presidential election, Joe Biden and Donald Trump are holding rallies in crucial states. We hear from Newshour's Jamie Coomarasamy in Michigan, which was narrowly won by Trump in 2016.

Also in the programme: One person reportedly shot dead and several wounded in an attack in the centre of the Austrian capital; and officials in Ethiopia say that dozens of people have been killed in an attack by the rebel Oromo Liberation Army.

(Picture: Election pamphlets being held by a canvasser in Landsdowne, Pennsylvania. Credit: Mark Makela/Getty Images)

MON 22:00 BBC News (w172x5p4gkxk3ls)
The latest five minute news bulletin from BBC World Service.

MON 22:06 The Newsroom (w172x7bhgh24w0x)
The world's Newsroom brings you global events as they happen

MON 22:30 BBC News Summary (w172x5pyx9j8gw5)
The latest two minute news summary from BBC World Service.

MON 22:32 World Business Report (w172x58qxh8v13)
England heads towards second lockdown

We gauge the business impact of a second national lockdown due in England from Thursday. Adam Hewson runs two bookshops in London which will have to close, and offers his reaction to the news. And Emma McClarkin, chief executive of the British Beer and Pub Association tells us how the hospitality sector is likely to be hit. Meanwhile the BBC's Maddy Savage in Stockholm explains how Sweden's far less stringent approach to combating the coronavirus pandemic has played out there. Also in the programme, European budget airline Ryanair has reported a loss of close to €200m and says passenger numbers have dropped by 80% as a result of Covid-19. Chief executive Michael O'Leary discusses the outlook for the business. Plus, at a time when trust in government is at an all-time low in many parts of the world, some believe companies should step up and solve some of the world's biggest problems. Our regular workplace commentator Stephanie Hare explores how such firms might go about building a moral compass.

(Picture: UK PM Boris Johnson announces new pandemic measures. Picture credit: Getty Images.)

MON 23:00 BBC News (w172x5p4gkxk17bx)
The latest five minute news bulletin from BBC World Service.

MON 23:06 HARDtalk (w3cszc2q)
[Repeat of broadcast at 08:06 today]

MON 23:30 BBC News Summary (w172x5pyx9j8lm9)
The latest two minute news summary from BBC World Service.

MON 23:32 The Conversation (w3cszj44)
[Repeat of broadcast at 11:32 today]

TUESDAY 03 NOVEMBER 2020

TUE 00:00 BBC News (w172x5p4gkxlc31)
The latest five minute news bulletin from BBC World Service.

TUE 00:06 The History Hour (w3cszkpr)
US presidential history special

Eye witness accounts of moments in US presidential history: Inside JFK's election victory, remembering Shirley Chisholm - the first African American from a major party to make a presidential run, plus a senator's account of the Watergate hearings, the rise of the religious right and the story of President Bush's 9/11.

Photo: US President John F. Kennedy giving his first State of the Union address to Congress in January 1961. (Credit: NASA/SSPL/Getty Images)

TUE 01:00 BBC News (w172x5p4gkxlgv5)

The latest five minute news bulletin from BBC World Service.

TUE 01:06 Business Matters (w172x192dk8cpy2)

Vienna shooting: Gunmen hunted after deadly 'terror' attack

Austrian Chancellor Sebastian Kurz called it a "repulsive terror attack" and said one gunman was also killed. We talk to Chris Zhao, who is a student in Vienna and was in a nearby restaurant when he heard gunshots and was escorted by staff and other diners up to a hotel. Meanwhile, in the US, voters head to the polls. Democratic candidate, Joe Biden, is firmly ahead, according to most sources - so much so, that some even predict he could win unusual states such as Texas and Georgia. And, protests continue throughout the Muslim world at French President Emmanuel Macron's stance on the right to publish cartoons of the Prophet Muhammad. We talk to Jessica Khine, finance professional in Kuala Lumpur, Malaysia, and Andy Uhler, reporter for Marketplace, in Austin Texas. (Photo credit: Reuters)

TUE 02:00 BBC News (w172x5p4gkxlll9)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172x7bhgh25c0f)

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

TUE 02:30 BBC News Summary (w172x5pyx9j8yvp)

The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct17xh)

Missing and murdered: America's forgotten native girls

Native American women are trafficked, murdered and raped at five to ten times the national rate of other American women. "It started with Columbus" says Ojibwe woman Sheila Lamb. Ever since white settlers landed on American shores, indigenous women have been easy prey. The rape and murder statistics among are hard to collate, but Annita Lucchesi is compiling a database of MMIW (Missing and Murdered Indigenous Women). The figures are gruelling. Each year, hundreds of girls and women go missing. Many end up dead. A complex system of tribal, state and federal law means many of these women are often failed by law enforcement when it comes to investigating their disappearances. Violence is normalised, says Annita Lucchesi.

LeAndra Nephin, from the Omaha Tribe of Nebraska, tells the story of America's forgotten native girls, and how a new generation of warrior women is fighting back against abuse.

(Photo: March for missing and murdered Indigenous women at the Women's March California 2019. Credit: Sarah Morris/Getty Images)

TUE 03:00 BBC News (w172x5p4gkxlgv5)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3cszd3y)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3cszmks)

[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172x5p4gkxlv2k)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172x7bhgh25lhp)

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

TUE 04:30 BBC News Summary (w172x5pyx9j96by)

The latest two minute news summary from BBC World Service.

TUE 04:32 Discovery (w3ct1c6d)

[Repeat of broadcast at 20:32 on Monday]

TUE 05:00 BBC News (w172x5p4gkxlytp)

The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172x2wklxm775d)

US election: polls open shortly

Opinion polls show Donald Trump trailing Joe Biden nationwide, but suggest the president is doing well in some swing states.

Two people have been killed in an attack by several gunmen in the Austrian capital Vienna - police believe at least one of the attackers is still on the loose.

And we hear from the Philippines about the impact of Typhoon Goni, as hundreds of thousands of people are evacuated in the wake of the storm.

TUE 06:00 BBC News (w172x5p4gkxm2kt)

The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172x2wklxm7bxj)

Vienna shootings: gunman still on the loose

A manhunt is underway after gunmen opened fire in different parts of the Austrian capital. Four people, including one shooter, were killed.

America is about to vote in one of the most contentious presidential elections in decades. Joe Biden has been campaigning in Ohio where the gap between the parties is wafer thin.

And we return to Kangaroo island in Australia where Koalas injured in last year's bush fires are being returned to the wild.

TUE 07:00 BBC News (w172x5p4gkxm69y)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172x2wklxm7gmn)

US election day finally dawns

Polls open shortly in one of the closest, and most vitriolic, elections in recent history. Many shops and offices are being boarded up in advance.

Three people have been killed in shootings in the Austrian capital, Vienna. It's believed one attacker may still be at large.

And while North Korea claims it has no coronavirus cases, reports of quarantine camps on the Chinese border suggest otherwise.

TUE 08:00 BBC News (w172x5p4gkxmb22)

The latest five minute news bulletin from BBC World Service.

TUE 08:06 People Fixing the World (w3cszv20)

Teenage inventor special

In this inspiring episode, we hear ideas from high school students in Asia, Africa, Europe and America. They've created a new form of sound insulation, refined a forensic process to use at crime scenes, won an award for predicting crop yields and made going to the beach a little safer in the age of Covid.

Image: Team Hibla from the Philippines.

TUE 08:30 BBC News Summary (w172x5pyx9j9pbg)

The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3csz8b7)

The billionaires' pandemic

The world's richest people have become even richer this year, despite an economic crisis brought on by the coronavirus pandemic. Manuela Saragosa speaks to John Matthews, chairman of private jet company AirX, about the surprising resilience of the private aviation industry despite global travel restrictions. Chuck Collins from the Institute for Policy Studies - a think tank in Washington DC - explains how the richest people in the world have added to their wealth in the pandemic, and what it reveals about inequalities in the US economy.

(Photo: Jeff Bezos, Amazon founder and the world's richest man, poses with his girlfriend Lauren Sanchez, pose outside the Taj Mahal in India in January 2020. Credit: Getty Images)

TUE 08:50 Witness History (w3cszmq9)

'I just wanted to be white'

In the immediate aftermath of World War Two, thousands of children were born to white German women and black American soldiers who were stationed in Allied-occupied Germany. The mixed-race infants were viewed with contempt by many Germans and endured constant abuse and racism. Black activist and author Ika Hügel-Marshall was one of the so-called "occupation babies". She tells Mike Lanchin about the painful struggle to discover her own identity as a result of the racism she experienced growing up black in post-war Germany.

Photo: Ika as a young girl (Courtesy of Ika Hügel-Marshall)

TUE 09:00 BBC News (w172x5p4gkxmft6)

The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Documentary (w3ct17xh)

[Repeat of broadcast at 02:32 today]

TUE 09:30 BBC News Summary (w172x5pyx9j9t2l)

The latest two minute news summary from BBC World Service.

TUE 09:32 Discovery (w3ct1c6d)

[Repeat of broadcast at 20:32 on Monday]

TUE 10:00 BBC News (w172x5p4gkxmkkb)

The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3cszk3p)

[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172x5p4gkxmp9g)

The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172x7bhgh26fql)

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

TUE 11:30 BBC News Summary (w172x5pyx9jb1kv)

The latest two minute news summary from BBC World Service.

TUE 11:32 In the Studio (w3csww7v)

Shobana Jeyasingh - Recreating the 1918 flu pandemic through dance

Choreographer and director Shobana Jeyasingh has been creating dynamic, fearless and ground breaking dance works for 30 years. Born in Chennai India, her acclaimed pieces have toured internationally, tapping into both the intellectual and physical power of dance. Her major new work Contagion is inspired by the Spanish Flu pandemic of 1918 which infected a third of the world's population. It's estimated that this flu killed between 50 and 100 million people, more than the First World War itself.

Felicity Finch joins Shobana and her company of eight female dancers, along with the show's composer and video designer, as they explore the challenge of how to portray the Spanish flu virus and its devastating effects through contemporary dance.

Producer: Felicity Finch

Contagion is part of 14-18 NOW, a five-year programme of arts experiences connecting people with World War One.

(Image: Choreographer and director Shobana Jeyasingh)

TUE 12:00 BBC News (w172x5p4gkxmt1l)

The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3cszdkh)

The Biospherians: Why we were sealed in a giant dome

When a crew of eight people entered an enormous air-tight terrarium in the Arizona desert - known as Biosphere 2 - for two years in September 1991, they were hoping to prove that humans could survive on other planets. The intention was for them to cultivate the farmland and plant life inside, to create the food and oxygen they needed, but it wasn't long before they began to run out of both. This is the story of how original 'Biospherians' Mark Nelson, Sally Silverstone, Jane Poynter and Taber MacCallum endured what's been called one of the most audacious, unusual and controversial experiments of the last decade.

Sally Silverstone sadly passed away shortly after recording this interview. You can learn more about her life and work in the book she wrote with Mark Nelson called 'Life Under Glass: Crucial Lessons in Planetary Stewardship from 2 years in Biosphere 2'.

Presenter/producer: Saskia Edwards
Additional production by Mariana Des Borges

(Photo: The original crew outside Biosphere 2. Credit: Getty Images)

TUE 12:50 Witness History (w3cszmq9)

[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172x5p4gkxmsq)

The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172x7bhgh26p6v)

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

TUE 13:30 BBC News Summary (w172x5pyx9jb923)

The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct1c6d)

[Repeat of broadcast at 20:32 on Monday]

TUE 14:00 BBC News (w172x5p4gkx1jv)

The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172x2z0y3fh75f)

Four dead in Vienna shooting attacks

A gunman has been shot dead by police in the Austrian capital, Vienna. The shooting spread to six locations and by the end of the night, five people were killed, including the attacker. Seven are in a life threatening condition in hospital, and the authorities have said that the dead assailant had sympathies to the Islamic State group.

Also in the programme: Americans are voting in Presidential elections and how Belgium's hospitals are coping with Covid-19.

(Picture: Austrian policemen guard the Vienna State Opera after a shooting in Vienna, Austria. Credit: EPA/CHRISTIAN BRUNA)

TUE 15:00 BBC News (w172x5p4gkx58z)

The latest five minute news bulletin from BBC World Service.

TUE 15:06 The Documentary (w3ct17xh)

[Repeat of broadcast at 02:32 today]

TUE 15:30 BBC News Summary (w172x5pyx9jbjkc)

The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w172x1wstqcpmk8)

US voters head to the polls

Americans are voting for president after candidates spent billions during a long campaign. Randy Kroszner is deputy dean at the University of Chicago Booth School of Business, and tells us how global markets are likely to react to the election. And with many boutiques boarded up in many US cities in anticipation of possible unrest, we get reaction from shoppers on Rodeo Drive in Beverly Hills. Also in the programme, we take an in-depth look at a big company you may never have heard of. Spun out of Jack Ma's Alibaba, the ANT group dominates fintech in China, without having a single bank branch. It was supposed to begin trading in Shanghai and Hong Kong on Thursday, but that's been postponed, as the BBC's Szu Ping Chan explains. Plus, in response to a glut of sugar crops in India, the Indian Sugar Mills association has set up a website to, as it puts it, bust myths about the impact of sugar on health. Dr Sandeep Sharma is president of the Delhi branch of the Indian Medical Association, and tells us whether Indians should follow the advice of the new pro-sugar site.

(Picture: A voter in a polling booth. Picture credit: Getty Images.)

TUE 16:00 BBC News (w172x5p4gkx913)

The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172x2t38qt6n2y)

Attack on Kabul University

At least 22 people were killed in the Afghan capital on Monday by gunmen who stormed Kabul University. A regional Islamic State group has claimed responsibility. As the country declares a day of national mourning, we hear from teachers and students at the university.

And in Austria, police have carried out a series of raids and made 14 arrests in the hours since a gunman murdered four people in the heart of Vienna. We speak to eye-witnesses, as well as getting the latest developments from a local journalist.

Also our health expert answers your questions and takes us

through the latest coronavirus global headlines.

(Photo: An Afghan journalist inspects a damaged classroom after attack at Kabul University, November 3, 2020. Credit: Reuters/Mohammad Ismail)

TUE 17:00 BBC News (w172x5p4gkxnds7)

The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172x2t38qt6rv2)

Arrests made after Vienna shooting

Police in Austria have carried out a series of raids and made 14 arrests in the hours since a gunman murdered four people in the heart of Vienna. We speak to eye-witnesses, as well as getting the latest developments from a local journalist. We also get analysis from the BBC's Monitoring team that keeps track of Jihadi media channels.

And at least 22 people were killed in the Afghan capital on Monday by gunmen who stormed Kabul University. A regional Islamic State group has claimed responsibility. As the country declares a day of national mourning, we hear from teachers and students at the university.

Also our health expert answers your questions and takes us through the latest coronavirus global headlines.

(Photo: Police officers patrol Vienna following gun attack, November 3, 2020. Credit: Reuters/Leonhard Foeger)

TUE 18:00 BBC News (w172x5p4gkx1jje)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 Outlook (w3cszdkh)

[Repeat of broadcast at 12:06 today]

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TUE 19:30 BBC News Summary (w172x5pyx9jc0jw)

The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w172x3jvdsszmqj)

2020/11/03 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 (w172x5p4gkxns0m)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 The Documentary (w3ct17xh)

[Repeat of broadcast at 02:32 today]

TUE 20:30 BBC News Summary (w172x5pyx9jc490)

The latest two minute news summary from BBC World Service.

TUE 20:32 Digital Planet (w3csz98v)

Who is most susceptible to fake news?

A new study shows that twitter remains a platform with many conspiracy believers. The work also reveals that compared to the Dutch public, the British are not as good at judging false coronavirus stories to be untrue. The Covid-19 and the Rhetoric of Untruth project - an Anglo-Dutch research initiative - has focussed on the impact of fake news and conspiracy theories during the coronavirus pandemic. Professor Sebastian Groes from Wolverhampton University explains the findings so far.

The Social Network of Game of Thrones
What are the secrets behind the hugely successful fantasy series? New research into the George R.R. Martin book series "A Song of Fire and Ice" shows that very plausible and almost real life social network between characters is the key. Professor Colm Connaughton of the University of Warwick explains how physics, mathematics, psychology and computing, were all used to build a network map linking the two thousand characters and their thousands of interactions.

AI that Can Identify Individual Birds

Could machines be better ornithologists than humans? Deep learning systems are now able to distinguish between species of birds, but also individual animals. At the moment, the only way that conservationists can identify individual birds is by tagging them. That's time consuming, costly and a bit of an inconvenience for the creatures themselves. Anthea Lacchia has been finding out more about how the algorithms are helping out.

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

Producer: Ania Lichtarowicz

(Image: Getty Images)

TUE 21:00 BBC News (w172x5p4gkxwrr)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172x2z0y3fc2db)

Election day in America

Newshour's Jamie Coomarasamy reports from Michigan on election day, after an extremely polarised campaign and unprecedented early voting. And as Austria mourns the four victims of yesterday's Islamist attack, we hear from an eyewitness in Vienna.

Also in the programme, we hear from UNICEF in Nicaragua where the powerful hurricane Eta has just landed, and around ten thousand of the country's poorest people have been moved to safety.

Photo:voters wait in line to cast their ballots at Johnson-Wabash Elementary School in Ferguson, Missouri, USA. Credit: EPA Wires

TUE 22:00 BBC News (w172x5p4gkxp0hw)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 US Election 2020: America decides (w3ct1cq7)

America decides

In-depth reporting, analysis and breaking news from the US presidential election.

Image: Composite image of Joe Biden and Donald Trump (Credit: Jim Bourg/Reuters/BBC)

TUE 23:00 BBC News (w172x5p4gkxp480)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 US Election 2020: America decides (w3ct1cq7)

[Repeat of broadcast at 22:06 today]

WEDNESDAY 04 NOVEMBER 2020

WED 00:00 BBC News (w172x5p4gkxp804)

The latest five minute news bulletin from BBC World Service.

WED 00:06 US Election 2020: America decides (w3ct1cq7)

[Repeat of broadcast at 22:06 on Tuesday]

WED 01:00 BBC News (w172x5p4gkxpcr8)

The latest five minute news bulletin from BBC World Service.

WED 01:06 US Election 2020: America decides (w3ct1cq7)

[Repeat of broadcast at 22:06 on Tuesday]

WED 02:00 BBC News (w172x5p4gkxpphd)

The latest five minute news bulletin from BBC World Service.

WED 02:06 US Election 2020: America decides (w3ct1cq7)

[Repeat of broadcast at 22:06 on Tuesday]

WED 03:00 BBC News (w172x5p4gkxppm7j)

The latest five minute news bulletin from BBC World Service.

WED 03:06 US Election 2020: America decides (w3ct1cq7)

[Repeat of broadcast at 22:06 on Tuesday]

WED 04:00 BBC News (w172x5p4gkxppqn)

The latest five minute news bulletin from BBC World Service.

WED 04:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 05:00 BBC News (w172x5p4gkxpvqs)
The latest five minute news bulletin from BBC World Service.

WED 05:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 06:00 BBC News (w172x5p4gkxpxz)
The latest five minute news bulletin from BBC World Service.

WED 06:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 07:00 BBC News (w172x5p4gkxq371)
The latest five minute news bulletin from BBC World Service.

WED 07:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 08:00 BBC News (w172x5p4gkxq6z5)
The latest five minute news bulletin from BBC World Service.

WED 08:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 09:00 BBC News (w172x5p4gkxqb9)
The latest five minute news bulletin from BBC World Service.

WED 09:06 US Election 2020: America decides (w3ct1cq7)
[Repeat of broadcast at 22:06 on Tuesday]

WED 10:00 BBC News (w172x5p4gkxqggf)
The latest five minute news bulletin from BBC World Service.

WED 10:06 The Big Idea (w3ct1c4s)
[Repeat of broadcast at 03:06 on Sunday]

WED 11:00 BBC News (w172x5p4gkxq16k)
The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172x7bhgh29bmp)
The world's Newsroom brings you global events as they happen

WED 12:00 BBC News (w172x5p4gkxqpp)
The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3cszds8)
'She came back to the clinic dancing'

Jalikatu Mustapha is one of just four eye doctors in the whole of Sierra Leone. Her work was recently recognised by Queen Elizabeth II. Jalikatu shared an online chat with the British monarch in which she described how simple operations are changing lives in her country. But Jalikatu's life almost took a very different course. She was a child during the Sierra Leone civil war, her family nearly lost their lives in a gun battle in a hotel. Her father, a leading economist of the time, had been asked to become the Minister of Finance in the new military government. He didn't want the job so instead the family were trying to escape. Jalikatu now works with the charity Sightsavers.

Guo Pei is one of China's most celebrated fashion designers. Her creations are larger than life - elaborate, fantastical, the kind of thing a goddess might wear - human or cartoon. She's designed outfits for the moon goddess in the new film 'Over the Moon', and for the pop star Rihanna, who appeared at the Met Gala in 2015 in a flaming yellow dress, with a wide, embroidered train. Guo Pei spoke to Outlook's Saskia Edwards in 2019.

Picture: Jalikatu Mustapha
Credit: Mose ray Koroma

WED 12:50 Witness History (w3cszmsk)
The assassination of Yitzhak Rabin

On November 4th 1995 the Israeli rock star Aviv Geffen sang at a peace rally in Tel Aviv alongside Israel's leader Yitzhak Rabin. Moments later the Prime Minister was shot. Aviv

Geffen spoke to Louise Hidalgo about that night, and its effect on his life.

This programme was first broadcast in 2010.

Photo: Yitzhak Rabin in 1993. Credit: Getty Images.

WED 13:00 BBC News (w172x5p4gkxqtp)
The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172x7bhgh29l3y)
The world's Newsroom brings you global events as they happen

WED 13:30 BBC News Summary (w172x5pyx9jff5z6)
The latest two minute news summary from BBC World Service.

WED 13:32 Digital Planet (w3csz98v)
[Repeat of broadcast at 20:32 on Tuesday]

WED 14:00 BBC News (w172x5p4gkxqfy)
The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172x2z0y3ff42j)
Knife-edge US vote hangs on a few key states

The Biden campaign team say their candidate is closing in on a victory in one of the few remaining seats yet to declare in the US presidential election. But the overall result is still uncertain and President Trump has also said he's going to win. Whatever the final outcome, it's clear the United States remains a deeply divided country.

(Photo: BBC Graph of two presidential candidates. Credit: BBC)

WED 15:00 BBC News (w172x5p4gkxr262)
The latest five minute news bulletin from BBC World Service.

WED 15:06 Newshour (w172x2z0y3ff7tn)
Interviews, news and analysis of the day's global events.

WED 16:00 BBC News (w172x5p4gkxr5y6)
The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172x2t38qt9k01)
US Election: What we know so far

We follow – and seek to help you understand - all the developments with the US Election. Providing expert analysis from both BBC and political journalists in the US, and reactions from onlookers around the globe.

Outside the US we reflect on what other countries are making of it all, whilst monitoring the trending conversations on social media.

In the US, we speak to two mums from Idaho and South Carolina who take us through their experience of election night, and their thoughts on the days ahead.

(Photo: U.S. President Donald Trump speaks about early results from the 2020 U.S. presidential election, 4 November 2020. Credit: Reuters)

WED 17:00 BBC News (w172x5p4gkxr9pb)
The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172x2t38qt9nr5)
US Election: Vote hangs on a few key states

We continue to bring you the latest developments from the US Election whilst breaking down the headlines with expert analysis and reactions from around the world.

It appears that the economy was front of mind for many US voters, our business reporter joins us from New York to consider the immediate implications on the finances of businesses and individuals.

From questions on what happens if one of the candidates refuses to accept the vote, to queries over the legality of premature victory declarations, our experts answer the questions you've sent us.

(Photo: Electoral workers prepare ballots to be counted during the 2020 U.S. presidential election in Philadelphia. Credit: Reuters)

WED 18:00 BBC News (w172x5p4gkxrffg)
The latest five minute news bulletin from BBC World Service.

WED 18:06 Outlook (w3cszds8)
[Repeat of broadcast at 12:06 today]

WED 18:50 Witness History (w3cszmsk)
[Repeat of broadcast at 12:50 today]

WED 19:00 BBC News (w172x5p4gkxr5l)
The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172x7bhgh2b9lq)
The world's Newsroom brings you global events as they happen

WED 19:30 BBC News Summary (w172x5pyx9jffxz)
The latest two minute news summary from BBC World Service.

WED 19:32 The Documentary (w3ct1cr7)
America decides: How it happened

Philippa Thomas introduces a rapid-fire round-up of the dramatic events of results night following the US presidential election. After one of the bitterest contests in recent history, we'll be on the ground in key swing states as the ballot results come in and as the TV networks play their role of calling states for Trump or Biden. And there will be contributions from a range of American citizens as they react to the fast-changing news.

WED 20:00 BBC News (w172x5p4gkxrnxq)
The latest five minute news bulletin from BBC World Service.

WED 20:06 Newshour (w172x2z0y3ffvk9)
Interviews, news and analysis of the day's global events.

WED 21:00 BBC News (w172x5p4gkxrnsv)
The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172x2z0y3ffz9f)
Biden in the lead with many more votes still to count

Joe Biden is on course to win the US presidential election, but with many votes still to count. President Trump's campaign issues legal challenges in Pennsylvania and Michigan. Meanwhile Wisconsin heads for a recount after a very close result, and the battles for control of the Senate and House of Representatives go to the wire.

Photo: Protest in support of vote count in Pennsylvania Credit: EPA Wires

WED 22:00 BBC News (w172x5p4gkxrxdz)
The latest five minute news bulletin from BBC World Service.

WED 22:06 The Newsroom (w172x7bhgh2bnv3)
The world's Newsroom brings you global events as they happen

WED 22:30 BBC News Summary (w172x5pyx9jg8pc)
The latest two minute news summary from BBC World Service.

WED 22:32 World Business Report (w172x58qxhgm9v)
US election outcome still uncertain

As votes are still counted in the US, we examine the impact of the election on business. David Taylor runs the Pennsylvania Manufacturers' Association, and explains what the uncertainty may mean in the short term for his members. We hear from Michael Johns, a national co-founder and leader of the Tea Party movement and a former White House speechwriter to President George H.W. Bush Dilawar Syed is chief executive of Lumiata, an artificial intelligence healthcare company, and argues the lack of a clear result could lead to instability. Jared Bernstein, who was chief economist to Joe Biden when he was vice-president, and is a member of Mr Biden's transition advisory board, discusses why a landslide victory for Mr Biden, which many polls predicted, did not materialise. And Dr Yu Jie, an expert on China's economy and trade at Chatham House in London, explains how events in the US could impact China. Also in the programme, today the United States formally withdraws from the Paris Accord on Climate Change, which commits countries to reduce emissions of carbon dioxide. Peter Betts was lead negotiator for the EU and UK during the Paris talks, is now a visiting professor at the Grantham Institute, and considers the prospects for future international action on

climate change.

(Picture: A ballot worker in Michigan. Picture credit: Getty Images.)

WED 23:00 BBC News (w172x5p4gkxs153)

The latest five minute news bulletin from BBC World Service.

WED 23:06 HARDtalk (w3csz77)

Jacob Bleacher: Putting astronauts back on the moon

Scientists have discovered water on the sunlit surface of the Moon for the first time. Does it matter? Well, maybe it does. The Moon is back in vogue in terms of space exploration – the US says it will put astronauts back on the lunar surface by 2024. It is supposed to be the precursor to a manned mission to Mars. Stephen Sackur speaks to Jacob Bleacher, chief exploration scientist at NASA. In this time of pandemic and climate change here on Earth, is space exploration a potential lifeline or a massive vanity project?

WED 23:30 BBC News Summary (w172x5py9jgdfh)

The latest two minute news summary from BBC World Service.

WED 23:32 The Documentary (w3csz4pw)

The Superlinguists

Multilingual societies

What is it like to live in a place where you have to speak several languages to get by? Simon Calder travels to India, where a top university only teaches in English, the one language that the students from all over the country have in common. And he meets people who use four different languages with their friends and family, depending on whom they are talking to.

In Luxembourg, it is not so much family, but other situations that require four languages, such as going shopping, watching TV, or school lessons. Simon hears that in secondary school, maths is taught in French, history in German, casual chat in Luxembourgish, and English is compulsory too, so that no one leaves school without being multilingual.

(Photo: Sudeep Bhattacharya (L) and Saumya Goel)

THURSDAY 05 NOVEMBER 2020

THU 00:00 BBC News (w172x5p4gkxs4x7)

The latest five minute news bulletin from BBC World Service.

THU 00:06 The Big Idea (w3ct1c4s)

[Repeat of broadcast at 03:06 on Sunday]

THU 01:00 BBC News (w172x5p4gkxs8nc)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172x192dk8khr8)

Biden "clear we will win" but key results still outstanding

Democratic challenger Joe Biden says it is clear he is winning enough states to take the US presidency, despite key results still outstanding. We get the latest from the BBC's Michelle Fleury in Pennsylvania, one of the decisive states still counting votes. We examine how diversity of Hispanic groups in Florida, voted and how this influenced Trump's winning of the state in this election. Will President Trump soften his stance towards China if he is re-elected? And how might relations with Sino-US relations change with Biden in the White House? We ask Stephen Vaughn, General Counsel for the Office of the United States Trade Representative under Donald Trump until 2019.

All this and more discussed with our guests throughout the show. Nicole Childers, executive producer of Marketplace Morning Report in Los Angeles, Tony Nash, founder of Complete Intelligence, in Austin Texas and Samson Ellis, Bloomberg's Taipei bureau chief.

(Picture: Joe Biden, joined Kamala Harris, speaking one day after Americans voted in the presidential election. Credit: Getty Images.)

THU 02:00 BBC News (w172x5p4gkxsddh)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172x7bhgh2c4tm)

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

THU 02:30 BBC News Summary (w172x5py9jgrnw)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3csz6lz)

Sicily's prisoner fishermen

Eighteen fishermen from Sicily are in jail in Benghazi, accused of fishing in Libya's waters. And in this part of the Mediterranean, rich in the highly-prized and lucrative red prawn, these kinds of arrests are frequent. Usually the Libyans release the men after negotiations. This time it's different. General Khalifa Haftar – the warlord with authority over the east of Libya – is demanding a prisoner swap: the freeing of four Libyans in jail in Sicily convicted of human trafficking and implicated in the deaths of 49 migrants, in return for the fishermen. For Assignment, Linda Pressly explores a little-known conflict in the Mediterranean - the so-called, 'Red Prawn War' and its fall-out.

(Image: Domenico Asaro, a third generation fishermen from Mazara del Vallo who has been arrested at sea by Libya three times. Credit: BBC)

THU 03:00 BBC News (w172x5p4gkxs4m)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3cszds8)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3cszmsk)

[Repeat of broadcast at 12:50 on Wednesday]

THU 04:00 BBC News (w172x5p4gkxsmwr)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172x7bhgh2cd9w)

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

THU 04:30 BBC News Summary (w172x5py9jh054)

The latest two minute news summary from BBC World Service.

THU 04:32 Health Check (w3cszccr)

Covid-19 vaccines: unknowns and dilemmas

Some of the first large scale trials of Covid-19 vaccines may report results to regulators in the next few weeks. These first results will reveal how effective these vaccines are at preventing mild Covid illness but they're unlikely to tell us how good they are at preventing serious disease and death. Should governments permit wide scale vaccination of populations based on that level of data when this may compromise learning more about their efficacy? And might widespread deployment of first generation Covid-19 vaccines make it harder to properly trial vaccines at earlier stages of development but which may have the potential to be more effective? Claudia Hammond discusses the dilemmas with Dr Gregory Poland, director of the Mayo Vaccine Research Group.

People who are double-jointed are much more prone to suffering from anxiety and panics attacks. Reporter Madeleine Finlay investigates the link.

Claudia consults mental health experts for tips to help people get through the coming months of uncertainty and anxiety.

Boston University epidemiologist Matthew Fox joins Claudia with insights on vaccine hesitancy, how Namibia is maintaining its HIV treatment services under Covid-19 restrictions and whether antibiotics can prevent surgery for appendicitis.

Presenter: Claudia Hammond
Producer: Andrew Luck-Baker

(Picture: A doctor preparing a coronavirus vaccine. Photo credit: Filippo Bacci/Getty Images.)

THU 05:00 BBC News (w172x5p4gkxsrnw)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172x2wklxf0zl)

US elections: Is Biden edging closer to victory?

As vote counting continues in a handful of key US states, the Democratic party candidate, Joe Biden, has said he believes he's on course to win the presidency.

As European countries struggle to contain a second wave of coronavirus infections, a month-long lockdown has come into effect in England.

And doctors for Argentinian footballing legend, Diego Maradona, say he's been responding very well following brain surgery.

THU 06:00 BBC News (w172x5p4gkxswd0)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172x2wklxf4qq)

US election: stop more votes being counted says Donald Trump

As the counting of votes in US elections begins to swing in favour of Joe Biden, President Trump is seeking legal action to stop the count in states still to declare.

New Zealand's new foreign minister is the first woman to hold the post and only the second-ever cabinet member of Maori origin.

Plus why Denmark is culling 17 million mink in the fight against Covid-19.

THU 07:00 BBC News (w172x5p4gkxt044)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172x2wklxf8gv)

US election still inconclusive

A handful of US states are still without official results following the US general election but one swing state Michigan which has now gone Joe Biden's way.

Belgium - one of the countries in Europe worst hit by Covid-19 - is now airlifting pandemic patients to neighbouring Germany.

The prime minister of Ethiopia, Abiy Ahmed, has vowed to continue a military offensive in the Tigray region, despite international calls for restraint.

THU 08:00 BBC News (w172x5p4gkxt3w8)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3csz4b)

Why are Thai students risking jail to call for reform of the monarchy?

Pro-democracy protests have happened before in Thailand, but there's something new about the latest one - the king is being publicly criticised. It's a serious criminal offence to do that. This week, Charmaine Cozier asks why people are protesting against the Thai monarchy.

THU 08:30 BBC News Summary (w172x5py9jhh4n)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3csz7y0)

What does this all mean for the US economy?

Vote counting continues in a handful of key battleground states which will determine the outcome of the US presidential election. Democratic candidate Joe Biden has been projected to win Michigan and Wisconsin. He also holds narrow leads in Nevada and Arizona. If he's able to hang on in all these states as final votes are counted, Mr Biden will be almost certain to win. We take a look at what this means for the US economy. International economics policy analyst Pippa Malmgren joins the show to get us up to speed, and then we'll hear from Jason Furman, the former chief economic adviser to President Obama, who says Biden's focus will be on trade policy and manufacturing. Meanwhile, Trump's own former chief economic adviser Tomas Philipson says the president's economic achievements have been undervalued. And Mohamed El-Erian of Allianz says the balance between a Democratic executive and a Republican senate will not be the kind of stabilising influence economists usually expect.

Producers: Joshua Thorpe and Frey Lindsay

(Image credit: Getty Images)

THU 08:50 Witness History (w3cszmm1)

The 1945 Pan-African Congress

The 5th Pan-African Congress was held in Manchester in 1945 to shape the post-war struggle against colonialism and racial discrimination. Prominent black activists, intellectuals and trade union leaders from around the world attended the meeting - among them Kwame Nkrumah and Jomo Kenyatta, the future leaders of independent Ghana and Kenya. We delve into the archive to hear from one of the delegates, the late ANC activist and writer Peter Abrahams, and we speak to the historian Prof

Hakim Adi from Chichester University about the significance of the meeting.

Photo: The 5th Pan African Congress, 1945 (Manchester Libraries)

THU 09:00 BBC News (w172x5p4gkxt7md)

The latest five minute news bulletin from BBC World Service.

THU 09:06 Assignment (w3csz6lz)

[Repeat of broadcast at 02:32 today]

THU 09:30 BBC News Summary (w172x5pyx9jhlws)

The latest two minute news summary from BBC World Service.

THU 09:32 Health Check (w3cszccr)

[Repeat of broadcast at 04:32 today]

THU 10:00 BBC News (w172x5p4gkxtccj)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Forum (w3cszjw9)

Discover world history, culture and ideas with today's leading experts

THU 10:50 Sporting Witness (w3cszh5s)

India's Queen of the Oceans

In 2004, the Indian long-distance swimmer Bula Choudhury became the first woman to complete the challenge of crossing straits of the world's seven seas. Choudhury is a former Indian national swimming champion in the pool, who was inspired to switch to the open ocean by a traditional Bengali folk tale. Her challenge took her to five continents, although she says one of her hardest swims was in the cold waters of the English Channel. Bula Choudhury talks to Maya Mitter. The programme is a Made-In-Manchester Production.

PHOTO: Bula Choudhury (personal collection)

THU 11:00 BBC News (w172x5p4gkxt3n)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172x7bhgh2d7js)

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

THU 11:30 BBC News Summary (w172x5pyx9jhvd1)

The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3cszjqs)

Opening a restaurant in a pandemic

Is there ever a good time to open a restaurant? Surely, during a global pandemic isn't one of them? As coronavirus rips through communities around the globe, lockdowns are forcing tens of thousands of restaurants to close their doors. Tamasin Ford meets the entrepreneurs who are doing the opposite. We hear how a West African restaurant in London and a Chinese restaurant in LA are managing their openings. Plus, how putting food on the menu, became a matter of survival for one of London's top dance clubs.

(Picture: Adejoké, Henry and Stuart. Credit: BBC/Adejoké Bakare/Henry Molina/Stuart Glen)

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

Contributors:

Adejoké Bakare: Chishuru restaurant, London
Henry Molina: Good and Nice restaurant, LA
Stuart Glen: co-founder The Cause, London

THU 12:00 BBC News (w172x5p4gkxtlvs)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3cszdbq)

Revelations from El Salvador that healed my family

Born to Salvadoran immigrants, Roberto Lovato grew up in 1970s San Francisco. His father Ramon was involved in suspect business dealings, and could sometimes be angry and violent. As their relationship became increasingly strained Roberto rebelled, influenced by the culture of emerging organised street gangs. He became more interested in the civil war, which was

escalating in El Salvador, and joined the guerrilla group the FMLN and went there to fight. In later years, Roberto became a successful academic and began to learn more about El Salvador's bloody history. It was then he discovered his father was a witness of one of the most violent episodes the country had ever seen, La Matanza, "the massacre". It was a secret Ramon had taken 70 years to share but in doing so, it helped Roberto come to terms with his own troubled past.

"Unforgetting: A Memoir of Family, Migration, Gangs, and Revolution in the Americas" by Roberto Lovato is out now.

Presenter: Anu Anand Producer: Katy Takatsuki

Picture: Roberto Lovato in San Francisco's Mission District, Aug 2020 Credit: Roberto Lovato

THU 12:50 Witness History (w3cszmn1)

[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172x5p4gkxtqlx)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172x7bhgh2dh11)

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

THU 13:30 BBC News Summary (w172x5pyx9jj2w9)

The latest two minute news summary from BBC World Service.

THU 13:32 Health Check (w3cszccr)

[Repeat of broadcast at 04:32 today]

THU 14:00 BBC News (w172x5p4gkxtvc1)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172x2z0y3fj0zm)

US vote count continues amid Trump legal challenges

The Trump campaign has launched legal bids to stop the counts in Pennsylvania, Wisconsin, Georgia and Michigan. Protesters have taken to the streets of several cities to demand counting be allowed to continue, while others have called for counting to stop. Donald Trump has alleged fraud, without offering evidence. Overall turnout is projected to be the highest in 120 years at 66.9%, and we might not have a result for days.

Also on the programme: Reports of heavy fighting in the northern region of Tigray in Ethiopia, in the horn of Africa which is the second most populous nation in the continent. We hear from Dr Awol Allo, senior lecturer in Law at the University of Keele.

(Picture: Volunteers sort through completed ballots at a polling station in Brunswick Junior High School in Maine, USA. Credit: EPA/CJ GUNTHER)

THU 15:00 BBC News (w172x5p4gkxtz5s)

The latest five minute news bulletin from BBC World Service.

THU 15:06 Assignment (w3csz6lz)

[Repeat of broadcast at 02:32 today]

THU 15:30 BBC News Summary (w172x5pyx9jjbck)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w172xlvz92s63y5)

US presidential election count continues

As the US presidential count continues we consider prospects for the country's economy. The BBC's Samira Hussain in New York fills us in on how markets are responding to the latest figures, and we find out how businesses are likely to respond whatever the outcome, with Julie Verratti, co-founder of Denizens Brewery in Maryland. Also in the programme, voters in California have voted to exempt so-called gig economy companies like Uber and Lyft from a state law that required them to classify their workers as employees rather than contractors. We get reaction from Cherri Murphy, a gig economy driver representing the pressure group Gig Workers Rising. In Denmark, the country's entire 17m population of mink are to be culled, amid fears they may be harbouring a Covid-19 mutation that could be a threat to the effectiveness of any future human vaccine for the disease. The BBC's Adrienne Murray fills us in on the details. Plus, we have a report from Dougal Shaw on the kinds of transferable skills that can be useful to people who have lost their jobs and are looking to retrain.

(Picture: Protesters hold an 'every vote counts' banner in New York. Picture credit: Getty Images.)

THU 16:00 BBC News (w172x5p4gkxv2v9)

The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172x2t38qtdfx4)

US Election: Live from Nevada

Vote counting continues in a handful of key battleground states which will determine the outcome of the US presidential election. Nuala McGovern is in one of them, Nevada, at the home of a Democratic voter in Reno, talking with her, her friends and neighbours. We also share messages from Republican supporters in Nevada. And the senior political reporter from KUNR, the NPR station in Reno, explains the developments both locally and nationally.

We also speak to Black Americans who voted for Donald Trump in Florida and New York. Data suggests the President doubled his support among black voters to 12%, compared with four years ago.

And we will explain the latest developments with the coronavirus pandemic with the help of our medical expert today – Dr Emma Hodcroft, from the University of Basel in Switzerland.

(Photo: Dawn Colletto and Dimitri Hallerbach)

THU 17:00 BBC News (w172x5p4gkxv6lf)

The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172x2t38qtdkn8)

US Election: Black Trump supporters

We've invited Black Americans who voted for Donald Trump in Florida and New York to join us in conversation. Data suggests the President doubled his support among black voters to 12%, compared with four years ago.

Nuala McGovern is live at a voter's house in Reno, Nevada, as people wait for the election result in their state to become clear. She talks with her, her friends and neighbours. We also share messages from Republican supporters in Nevada.

And as counting continues in a handful of the key battleground states which will determine the outcome of the election, we speak to a legal expert about President Trump's call to stop vote counting and his call for a recount in Wisconsin.

(Photo: Trump supporter Marcia in Florida)

THU 18:00 BBC News (w172x5p4gkxvbbk)

The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3cszdbq)

[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3cszmn1)

[Repeat of broadcast at 08:50 today]

THU 19:00 BBC News (w172x5p4gkxvg2p)

The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172x7bhgh2f6ht)

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

THU 19:30 BBC News Summary (w172x5pyx9jjte2)

The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w172x3jvdst5fjq)

2020/11/05 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 (w172x5p4gkxvkt)

The latest five minute news bulletin from BBC World Service.

THU 20:06 Assignment (w3csz6lz)

[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172x5pyx9jy36)

The latest two minute news summary from BBC World Service.

THU 20:32 Science in Action (w3cszh18)

Coronavirus spreads from mink to humans

All the farmed mink in Denmark are to be killed. Around 17 million. This is because they have SARS COV-2 coronavirus circulating among them and some humans have contracted a new strain from the animals. The scientific detail is sketchy, but Emma Hodcroft at Basel University pieces together a picture of what this means for tackling the virus.

Typhoon Goni and hurricane Eta are two very powerful tropical cyclones. But the way these storms are recorded differs by geographical location and recording style. We speak with Kerry Emanuel, a professor at MIT in Boston, USA.

The magnitude 7 earthquake that hit the Mediterranean last Friday (30/10/20) was 70 miles away from the city of Izmir, but despite this, there was devastating loss of life due to collapsed buildings. Earthquake engineer Eser Çaktı from the Turkish University of Boğaziçi, and Tiziana Rossetto from University College London talk us through the damage.

Migratory arctic animals are a weathervane for how the world is coping with climate change. Scientists have now pulled together monitoring data for these species' movements into one accessible bank. Sarah Davidson tells us how this can help us understand the impact of Arctic climate change.

(Image: Getty Images)

Presenter: Roland Pease
Producer: Rory Galloway

THU 21:00 BBC News (w172x5p4gkxvpyk)

The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172x2z0y3fjw6j)

US election hinges on four battleground states

The final result of the US presidential vote hinges on the states of Arizona, Georgia, Nevada and Pennsylvania.

Joe Biden has a slender lead in Nevada and Arizona and is chipping away at Mr Trump's advantage in Georgia and Pennsylvania.

The Trump campaign has launched legal bids to stop the counts in Pennsylvania, Wisconsin, Georgia and Michigan. And we'll hear how a conservative big thinker sees the future of the Republican Party.

(Photo: People count postal ballots following the 2020 U.S. presidential election. Credit: Reuters)

THU 22:00 BBC News (w172x5p4gkxvtb2)

The latest five minute news bulletin from BBC World Service.

THU 22:06 The Newsroom (w172x7bhgh2fkr6)

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

THU 22:30 BBC News Summary (w172x5pyx9jk5lg)

The latest two minute news summary from BBC World Service.

THU 22:32 World Business Report (w172x58qxhjkjrd)

US presidential election count continues

As the US presidential count continues we consider prospects for the country's economy. The BBC's Samira Hussein in New York fills us in on how markets are responding to the latest figures, and we find out how businesses are likely to respond whatever the outcome, with Julie Veratti, co-founder of Denizens Brewery in Maryland. Also in the programme, voters in California have voted to exempt so-called gig economy companies like Uber and Lyft from a state law that required them to classify their workers as employees rather than contractors. We get reaction from Cherri Murphy, a gig economy driver representing the pressure group Gig Workers Rising. In Denmark, the country's entire 17m population of mink are to be culled, amid fears they may be harbouring a Covid-19 mutation that could be a threat to the effectiveness of any future human vaccine for the disease. The BBC's Adrienne Murray fills us in on the details. Plus, we have a report from Dougal Shaw on the kinds of transferable skills that can be useful to people who have lost their jobs and are looking to retrain.

(Picture: Protesters hold an 'every vote counts' banner in New

York. Picture credit: Getty Images.)

THU 23:00 BBC News (w172x5p4gkxvy26)

The latest five minute news bulletin from BBC World Service.

THU 23:06 The Inquiry (w3csz14b)

[Repeat of broadcast at 08:06 today]

THU 23:30 BBC News Summary (w172x5pyx9jk9bl)

The latest two minute news summary from BBC World Service.

THU 23:32 The Food Chain (w3cszjqs)

[Repeat of broadcast at 11:32 today]

FRIDAY 06 NOVEMBER 2020

FRI 00:00 BBC News (w172x5p4gkxw1tb)

The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Forum (w3cszjw9)

[Repeat of broadcast at 10:06 on Thursday]

FRI 00:50 Sporting Witness (w3cszh5s)

[Repeat of broadcast at 10:50 on Thursday]

FRI 01:00 BBC News (w172x5p4gkxw5kg)

The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172x192dk8ndnc)

Biden confident of win while Trump claims "legal votes" give him victory

President Donald Trump has repeated the assertion that he has won the election, despite the fact that votes are still being counted.

The president complained of "tremendous corruption and fraud in the mail-in ballots", without giving any evidence for his claim. Legal mail-in ballots are still being counted in four states whose results will decide the election: Arizona, Georgia, Nevada and Pennsylvania. We get the latest from the BBC's Samira Hussein in New York and Marketplace's Erika Beras in Pittsburgh, Pennsylvania.

Four years ago many Pollsters incorrectly predicted that Hilary Clinton would beat Donald Trump. This time around many said a 'blue wave' would sweep Joe Biden to power. So why are the pollsters continually getting it wrong? We ask Jeff Jones, Senior Editor at Gallup, one of America's biggest polling firms. Looking at an electoral map shows that urban America is mainly democratic while the rural part of the country is generally Republican. So why does rural America support Donald Trump and the Republican party? A question for Mike Stranz of the National Farmers Union of America.

All this and more discussed with our two guests throughout the show. Alexis Goldstein, an activist and a financial reform advocate based in Washington DC and Peter Morici an Economist from the University of Maryland, also in Washington.

(Picture: supporters of President Donald Trump hold signs and chant slogans during a protest outside the Philadelphia Convention Center on 5 November, as election votes continue to be counted.)

FRI 02:00 BBC News (w172x5p4gkxw99l)

The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172x7bhgh2g1qq)

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

FRI 02:30 BBC News Summary (w172x5pyx9jknkz)

The latest two minute news summary from BBC World Service.

FRI 02:32 World Football (w3csztgy)

IFK Göteborg and Gio Reyna's mum

Former IFK Göteborg player Pontus Kåmark discusses the club's surprise relegation fight. Ghana's Asamoah Gyan explains his reasons for returning home to continue his career. And the former USA international Danielle Egan talks about her talented son, Borussia Dortmund's Giovanni Reyna.

PICTURE: Fans of IFK Göteborg light up pyrotechnics during

a match against Östersunds (David Lidstrom/Getty Images)

FRI 03:00 BBC News (w172x5p4gkxw1tq)

The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3cszdbq)

[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3cszmn1)

[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172x5p4gkxwjsv)

The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172x7bhgh2g96z)

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

FRI 04:30 BBC News Summary (w172x5pyx9jkc27)

The latest two minute news summary from BBC World Service.

FRI 04:32 Science in Action (w3cszh18)

[Repeat of broadcast at 20:32 on Thursday]

FRI 05:00 BBC News (w172x5p4gkxwnjz)

The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172x2wklxmhxwp)

US election: counting goes on in key states

Americans are still waiting to see who has won the presidential poll, but Joe Biden who seems to be edging towards victory.

In Ethiopia there are reports of fighting between regional and government forces in Tigray.

Also we'll talk about ancient female hunters after a 9,000 year old skeleton of a female hunter is uncovered in Peru.

FRI 06:00 BBC News (w172x5p4gkxw93)

The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172x2wklxmj1mt)

US election: Biden inching ahead

President Trump again alleges the Democrats are trying to steal the vote, meanwhile his Democratic Party challenger Joe Biden has called for patience.

In Italy four regions are going back into lockdown in a bid to suppress a second wave of the coronavirus.

And young activists are taking on the Australian government over climate change.

FRI 07:00 BBC News (w172x5p4gkxw17)

The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172x2wklxmj5cy)

US election: counting goes into third day

After two days of vote counting votes Mr Trump has repeated his baseless claims of voting fraud, while his rival Joe Biden has pleaded for patience.

In a referendum, New Zealand has voted for euthanasia.

South African women are undertaking the treacherous task of cutting down the non-native trees on the perilous ridges and cliffs above Cape Town to conserve water.

FRI 08:00 BBC News (w172x5p4gkxw0sc)

The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3csy9d6)

Tony Adams: How vulnerable are elite sport stars?

When we were kids many of us dreamed of being a professional footballer, a star of the world's most popular game with adulation and riches on tap. For a tiny few the dream comes true, but then reality bites. Professional sport is a brutal business that can chew up young lives. HARDtalk's Stephen Sackur speaks to Tony Adams, former Arsenal and England footballer, who fought his own battles with addiction and mental illness and went on to help other top players do the

same. Is elite sport honest about the vulnerability of its stars?

Image: Tony Adams at the 2018 Edinburgh International Book Festival (Credit: Simone Padovani/Awakening/Getty Images)

FRI 08:30 BBC News Summary (w172x5pyx9jld1r)

The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3csz796)

Uber and Lyft's big win

When they cast their votes for US president, Californians also approved a change to the law allowing gig economy companies like Uber and Lyft to keep treating their drivers as contractors, not employees. The move could have major consequences for the gig economy. Manuela Saragosa speaks to Geoff Vetter from the Yes to 22 campaign, which fought for the law change, and to Veena Dubal, law professor at the University of California, who argues the vote is a disaster for workers' rights. Dave Lee, Silicon Valley correspondent for the Financial Times, tells us what it means for the future of companies like Uber.

(Photo: Uber and Lyft logos, Credit: Getty Images)

FRI 08:50 Witness History (w3cszmv1)

The church that rose from the rubble

Fifteen years ago, Dresden's Lutheran church, the Frauenkirche, opened its doors to the public for the first time in 60 years. The Frauenkirche in the East German city of Dresden was destroyed in 1945 by British and American forces. The church remained in ruins for over 40 years. Then, in 1993, a painstaking project began to piece the church back together and restore it to its former glory. Josephine Casserly talks to Thomas Gottschlich who was one of the architects leading the reconstruction.

Ruins of the Frauenkirche in Dresden, Germany after the WWII bombing in 1945. Credit: Probst/Ullstein Bild via Getty Images

FRI 09:00 BBC News (w172x5p4gkxx4jh)

The latest five minute news bulletin from BBC World Service.

FRI 09:06 Tech Tent (w3cszhp1)

Social giants label Trump's posts

Facebook and Twitter warn President Trump's post-election remarks may be misleading. Plus, what a verbal battle between chatbots tells us about machine learning. And the plan to beam 5G connectivity from hydrogen-powered drones. Presented by Rory Cellan-Jones, with BBC reporters Jane Wakefield and Marianna Spring. Produced by Jat Gill.

(Image: U.S. President Donald Trump speaks to reporters about the 2020 presidential election at the White House in Washington DC, Credit: Carlos Barria/ Reuters).

FRI 09:30 BBC News Summary (w172x5pyx9jlhsw)

The latest two minute news summary from BBC World Service.

FRI 09:32 Science in Action (w3cszh18)

[Repeat of broadcast at 20:32 on Thursday]

FRI 10:00 BBC News (w172x5p4gkxx88m)

The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3cszcnt)

Is Trumpism here to stay?

Before this week's US presidential election, some predicted a landslide win for Joe Biden and a stark repudiation of the Trump years. That didn't happen. The intense criticism of President Trump's handling of the coronavirus pandemic seems to have done little in changing the minds of his core supporters; and former Vice President Joe Biden's appeal for unity seems to have fallen flat in key states like Florida and Texas. Mr Biden called the 2020 election a fight for the nation's soul. So what does the strong showing for President Trump say about the impact he has had on American politics? Is there such thing as 'Trumpism' and - if so - what defines it? How has he changed the relationship between the presidency and the other branches of government? His willingness to question democratic institutions has set him apart from predecessors - so how lasting will his style of leadership be? Ritula Shah and a panel of expert guests discuss whether 'Trumpism' is here to stay.

FRI 11:00 BBC News (w172x5p4gkxxd0r)

The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172x7bhgh2h4fw)

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

FRI 11:30 BBC News Summary (w172x5pyx9jlr94)

The latest two minute news summary from BBC World Service.

FRI 11:32 World Football (w3csztyg)

[Repeat of broadcast at 02:32 today]

FRI 12:00 BBC News (w172x5p4gkxxhrw)

The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3cszjhy)

Turkey's Armenians under pressure

The Nagorno Karabakh conflict has put Turkey's Armenian community in a predicament. The disputed territory is an Armenian-populated enclave inside Azerbaijan controlled by separatist Armenians. Turkey backs Azerbaijan while Armenia backs the separatists. But beneath these allegiances lie even deeper divisions that affect ethnic Armenians in Turkey. BBC Turkish journalist Esra Yalcinalp helps unpick this knotty issue.

My home town: Kigali

Felin Gakwaya of BBC Great Lakes takes us home to Rwanda's capital Kigali.

Sent back to Ghana

Being 'sent home' is a frequent threat for many first generation children of West African parents. Mark Wilberforce of BBC Africa was 'sent back' to Ghana, his parents' native country, when they felt his behaviour was getting out of hand in the UK. He tells us how he felt about it then and now.

Pakistan's controversial feminist detective show

'Churails' is the Urdu word for witches and it's also the title of a new web series that has caused quite an uproar in Pakistan. With strong female leads and subject matter such as female desire, it is breaking new ground. Mehvish Hussain of BBC Urdu tells us more about the controversy.

Thailand's monarchy: dividing families and generations

Thailand has been shaken by huge student protests over recent months, demanding reform of the monarchy, which is seen as sacrosanct by many in their parents' generation. BBC Thai's Issariya Praithongyaem has been following the arguments.

Image: Turkish car rallies support Azerbaijan

Credit: Turkish woman waves Azeri flag in pro-Azerbaijan car rally in Istanbul

FRI 12:50 Witness History (w3cszmv1)

[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172x5p4gkxxm10)

The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172x7bhgh2hcy4)

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FRI 13:30 BBC News Summary (w172x5pyx9jlsd)

The latest two minute news summary from BBC World Service.

FRI 13:32 Science in Action (w3cszh18)

[Repeat of broadcast at 20:32 on Thursday]

FRI 14:00 BBC News (w172x5p4gkxxr84)

The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172x2z0y3flxwq)

US Election: Biden takes lead in Pennsylvania

Joe Biden has pushed ahead of Donald Trump in the pivotal state of Pennsylvania, and looks to be on the verge of becoming the next president of the United States. A win there would be enough to take Mr Biden to the White House.

Also on the programme: the latest on coronavirus in Europe which has now become the region with the highest number of Covid cases in the world; and we will hear from Ethiopia where the national army is mobilising troops for a mounting conflict with the Tigray region in the north of the country.

(Picture: Joe Biden, Credit: Getty Images)

FRI 15:00 BBC News (w172x5p4gkxxw08)

The latest five minute news bulletin from BBC World Service.

FRI 15:06 Tech Tent (w3cszhp1)

[Repeat of broadcast at 09:06 today]

FRI 15:30 BBC News Summary (w172x5pyx9jm78n)

The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w172xltbdkmxdzp)

Biden takes lead in Pennsylvania

Joe Biden has a lead in the crucial state of Pennsylvania in the US presidential race. But even if he is declared the overall winner, there could be court challenges to the result ahead, which may cause uncertainty for businesses, as Myron Brilliant, head of international affairs at the US Chamber of Commerce, explains. Also in the programme, trade relations between Australia and China are plumbing new depths amid reports that a range of Australian goods are no longer welcome on Chinese shores. Andy Xie is an independent economist based in China and discusses the background to the dispute. Plus, the New Zealand national All Blacks rugby team is facing financial difficulties as a result of the pandemic. The team is looking to private equity investors for money, but we hear from Alex Lowe, rugby correspondent at The Times, that fans fear it could change the spirit of the game.

(Picture: Joe Biden speaks in Wilmington, Delaware. Picture credit: Getty Images.)

FRI 16:00 BBC News (w172x5p4gkxxzrd)

The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172x2t38qthb7)

US election: Biden building momentum

With the US presidency hanging in the balance, the counting continues in key battleground states that could decide the outcome. Joe Biden, the Democratic presidential challenger, appears to be edging closer to the White House. Nuala McGovern is live in Reno, Nevada - one of those key battlegrounds - speaking to voters, as well as our colleagues at partner station KUNR, who will help explain what is happening. And we'll get the picture in other key states such as Pennsylvania and Georgia.

Also we also continue to bring Americans together in conversation. We talk to Democrats and Republicans in Scranton, Pennsylvania: Joe Biden's home town. And we'll hear more from some of the Black Americans who voted for President Trump.

And we hear what is being said across America's Rocky Mountain West, where President Trump enjoys good support. Throughout our coverage of the US election, we've been speaking to Nate Hegyi - he's in Montana with US public radio's Mountain West News Bureau.

(Photo: Democratic U.S. presidential nominee Joe Biden, November 5, 2020. Credit: Reuters/Kevin Lamarque)

FRI 17:00 BBC News (w172x5p4gkxy3hj)

The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172x2t38qthgkc)

US election: Biden building momentum

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And our colleagues at the BBC's Reality Check have also been looking into the claims being made by President Trump about voter fraud.

(Photo: Democratic U.S. presidential nominee Joe Biden, November 5, 2020. Credit: Reuters/Kevin Lamarque)

FRI 18:00 BBC News (w172x5p4gkxy77n)

The latest five minute news bulletin from BBC World Service.

FRI 18:06 The Fifth Floor (w3cszjhy)

[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3cszmtv)

[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172x5p4gkxybzs)

The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172x7bhgh2j3dx)

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

FRI 19:30 BBC News Summary (w172x5pyx9jmq85)

The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w172x3jvdst8bft)

2020/11/06 GMT

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

FRI 20:00 BBC News (w172x5p4gkxygqx)

The latest five minute news bulletin from BBC World Service.

FRI 20:06 Tech Tent (w3cszphl)

[Repeat of broadcast at 09:06 today]

FRI 20:30 BBC News Summary (w172x5pyx9jmv09)

The latest two minute news summary from BBC World Service.

FRI 20:32 CrowdScience (w3cszv6l)

Why Are Elephants So Big?

CrowdScience listeners come in all shapes, sizes and ages. This episode is dedicated to our younger listeners who, as we've learned before, are experts at asking those superficially obvious questions that for parents, are anything but easy to answer. To start off with, Sylvia, asks why elephants are so big? As we hear from our expert – mammals were at one time, much larger – so perhaps the question should be, why aren't they bigger? We investigate what drives body size in the animal kingdom.

Presenter Marnie Chesterton, together with our 'cub' reporter Arlo, goes in search of the most brilliant scientific minds to respond to a slew of other queries. Shambhavi, from Singapore wonders why humans have five digits on each hand? And Benni from California asks why dogs don't get sick when they drink from muddy puddles? Do dogs have some amazing ability to fight off viruses and bugs?

Beyond the confines of our planet, we've also got a question from Olivia, from Sydney, Australia, who regularly contemplates the universe: what is the biggest object in it she wonders? Marnie and her experts do their best to solve these mysteries.

Presented by Marnie Chesterton, produced by Dom Byrne for the BBC World Service.

Image: Getty Images

FRI 21:00 BBC News (w172x5p4gkxyhl1)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172x2z0y3fms3m)

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

FRI 22:00 BBC News (w172x5p4gkxyq75)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 The Newsroom (w172x7bhgh2jgn9)

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

FRI 22:30 BBC News Summary (w172x5pyx9jn2hk)

The latest two minute news summary from BBC World Service.

FRI 22:32 World Business Report (w172x58qxhjnfnh)

Biden takes lead in Pennsylvania

Joe Biden has a lead in the crucial state of Pennsylvania in the US presidential race. But even if he is declared the overall winner, there could be court challenges to the result ahead, which may cause uncertainty for businesses, as Myron Brilliant, head of international affairs at the US Chamber of Commerce, explains. Also in the programme, trade relations between Australia and China are plumbing new depths amid reports that a range of Australian goods are no longer welcome on Chinese shores. Andy Xie is an independent economist based in China and discusses the background to the dispute. Plus, the New Zealand national All Blacks rugby team is facing financial difficulties as a result of the pandemic. The team is looking to private equity investors for money, but we hear from Alex Lowe, rugby correspondent at The Times, that fans fear it could change the spirit of the game.

(Picture: Joe Biden speaks in Wilmington, Delaware. Picture credit: Getty Images.)

FRI 23:00 BBC News (w172x5p4gkxytz9)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 HARDtalk (w3csy9d6)

[Repeat of broadcast at 08:06 today]

FRI 23:30 BBC News Summary (w172x5pyx9jn67p)

The latest two minute news summary from BBC World Service.

FRI 23:32 World Football (w3csztgy)

[Repeat of broadcast at 02:32 today]