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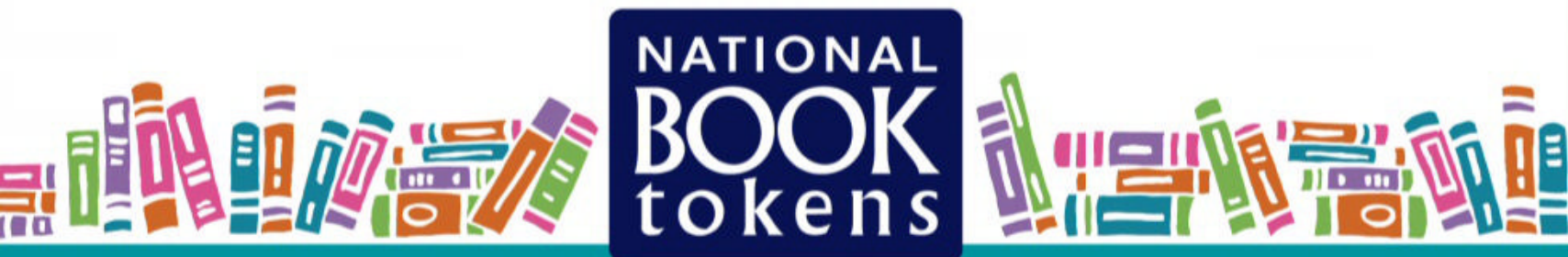


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Note to readers: The Week Junior is now mailed unwrapped to most subscribers. This white strip is where the postage details are printed.

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ALL ABOUT

A brilliant
movie
studio

p12



NEWS

Tributes paid
to George
Floyd

p2



WELLBEING

Discover
how cooking
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p19



29 May 2021 • Issue 285 • £2.99

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THE WEEK Junior



PEDAL POWER!

Saddle up for Bike Week 2021 p4

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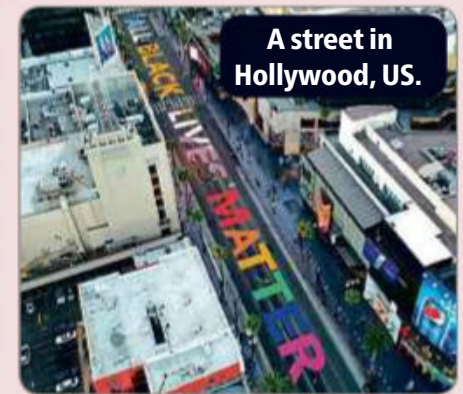
This week's big news



George Floyd's family at the White House.

MAKE A CHANGE
In 2020 around 20 million people in the US took part in protests against racism.

Black Lives Matter



A street in Hollywood, US.

The Black Lives Matter political and social movement began in the US in 2013, following the death of 17-year-old Trayvon Martin, an African American man. In 2012 Martin was shot and killed by George Zimmerman, a neighbourhood watch volunteer, but in 2013 Zimmerman was found not guilty of Martin's murder. This led three activists – Patrisse Cullors, Alicia Garza and Opal Tometi – to post the hashtag #BlackLivesMatter on social media. It is now used for the wider movement that calls for an end to police brutality against black people and to tackle racism. The movement has spread around the world.

George Floyd remembered

On 25 May, people around the world marked the first anniversary of George Floyd's death.

Who was George Floyd?

George Floyd was an African-American man who was arrested in Minneapolis, US, and killed by Derek Chauvin, a white police officer, in 2020. Police had arrested Floyd on suspicion of using fake money. Chauvin knelt on Floyd's neck for more than nine minutes, which caused his death. On 20 April this year, Chauvin was convicted of murder and faces up to 75 years in prison. The murder provoked outrage in the US and around the world.

What was the reaction?

George Floyd's death sparked one of the biggest civil rights protests in US history. Civil rights are protected by law. They give all people the same opportunities and freedoms, regardless of their race, gender or religion. The protests spread to Europe (including the UK), Japan, New Zealand and South America. Many of these protests were led by the Black Lives Matter (BLM) movement. Marching with billboards and banners, millions of people called for an end to police violence and for more to be done to tackle racism.

What is racism?

Racism is when people are treated badly or unfairly because of their skin colour, culture or nationality. Up until the mid-1960s, black people in the US did not have the same rights as white people. Unfair treatment continues today. This includes differences in income (the money workers are paid) and education. In the US, black people are two and a half times more likely to be killed by police than white people. Racism is also a problem in the UK.

How did people mark the anniversary?

Across the US, there were marches, rallies and a candlelit vigil organised by the George Floyd Foundation, established by his sister, Bridgett Floyd. Bridgett gave a speech in which she said, "We need to put things in place for our kids' kids." The foundation also organised a virtual day of action on social media "to call for justice, unity, hope and progress." An outdoor festival took place near

the area where George Floyd died, with children's activities, food and music acts. On 25 May, members of George Floyd's family met with US President Joe Biden at the White House, in Washington D.C.

What has changed?

During the past year, conversations around how black and brown people are treated have become more open. In the UK, some statues of people with key roles in slavery have been taken down, and the names of some streets and schools connected to slavery have changed. There has been a large rise in the sales of books by black writers such as Bernardine Evaristo. Campaigners have also been calling for black history to be taught more widely in UK schools. In the US, President Biden has put forward new laws on policing, called the George Floyd Justice in Policing Act, for politicians to approve. On 25 May, after meeting Floyd's family, Biden said, "We must have trust in our justice system."



A memorial for George Floyd.



Israel and Palestinians agree to a ceasefire

On 21 May, Israelis and Palestinians jointly agreed to stop fighting after 11 days of conflict. At the time *The Week Junior* went to press the ceasefire, which is an agreement to stop fighting, was still in place. Peace talks between the two sides and neighbouring Egypt have been taking place.

At least 230 Palestinians and 12 Israelis died in the fighting, which started on 10 May. It followed weeks of rising tensions in Jerusalem, a city that both sides claim as their capital. It is an important religious site for both sides. This was the worst fighting since 2014, but the conflict stretches back to at least 1948.

The United Nations (UN) has called on both sides to obey the ceasefire. The UN is an organisation of 193 countries that takes action on human rights, peace and climate change. The UK's Foreign Secretary, Dominic Raab, welcomed the ceasefire. US President Joe Biden said it was an opportunity to make progress and resolve issues between the countries, saying, "I believe the Palestinians and Israelis equally deserve to live safely and securely."

A convoy of humanitarian aid trucks, sent by Egypt, carrying food, bedding and medicine for Palestinians arrived on 22 May.



Aid arrives for Palestinians.



DID YOU KNOW?
The summer Olympics have been cancelled three times, each time because of war.

The Games are due to start on 23 July.

Calls to cancel Tokyo Olympics

There are growing calls to cancel this year's Summer Olympic and Paralympic Games in Tokyo, Japan because of the coronavirus pandemic. A recent poll found that more than 80% of people in Japan want the Games to be either postponed or cancelled.

Tokyo is one of 10 areas in Japan that are under a state of emergency, meaning lots of businesses are closed. The state of emergency is due to be lifted on 31 May, but it could be extended. The Olympics are scheduled to start on 23 July. The Games were meant to take place last year, but were pushed back by the pandemic. More than 12,000 people have died in Japan from Covid-19. Only 2% of its population has been fully vaccinated.



Yoshihide Suga

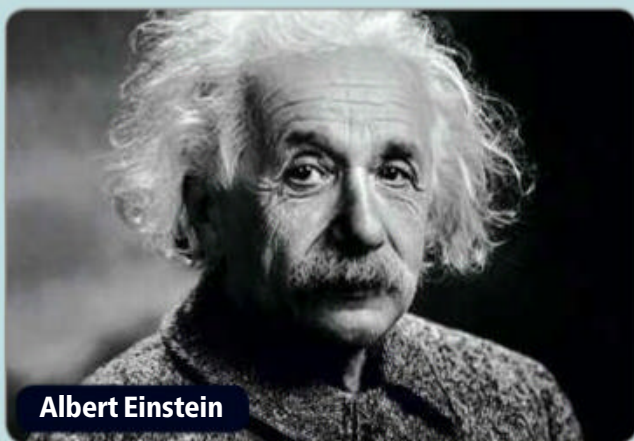
No international fans will be allowed to attend, but it is estimated that around 79,000 officials, journalists and support staff will travel to Tokyo. There are fears in Japan that this could lead to another wave of Covid-19 infections in the country. John Coates, the vice-president of the International Olympic Committee (IOC) has said the Games will go ahead even if there is still a state of emergency. The IOC organises the Olympics. The Prime Minister of Japan, Yoshihide Suga, has said, "I've never put the Olympics first. My priority has been to protect the lives and health of the Japanese population." However, he admitted that the IOC will have the final say on whether or not the Games go ahead.



IT'S AN AMAZING WEEK FOR...

A PIECE OF HISTORY

A letter written in 1946 by the scientist Albert Einstein has sold in Boston, US, for more than £850,000. The letter shows the scientist's well-known equation for energy, $E=mc^2$. There are only three other known examples of the formula in Einstein's handwriting.



Albert Einstein



The new lemur.

A BABY LEMUR

Zookeepers are celebrating the arrival of a red-bellied lemur at Chester Zoo, in England. Experts are overjoyed because lemurs are the most endangered group of mammals, and are at risk of becoming extinct. It's not yet known if the animal, which was born weighing around the same as a banana, is male or female.

A REAL-LIFE SECRET GARDEN

The new owners of a country house in Dorset, England, were intrigued when they came across a padlocked gate which led them to an overgrown secret garden. Simon Constantine and his wife Vicky only discovered the walled garden after they had bought the house. They have since got to work restoring it, and it is now open to visitors.



People can visit the secret garden.

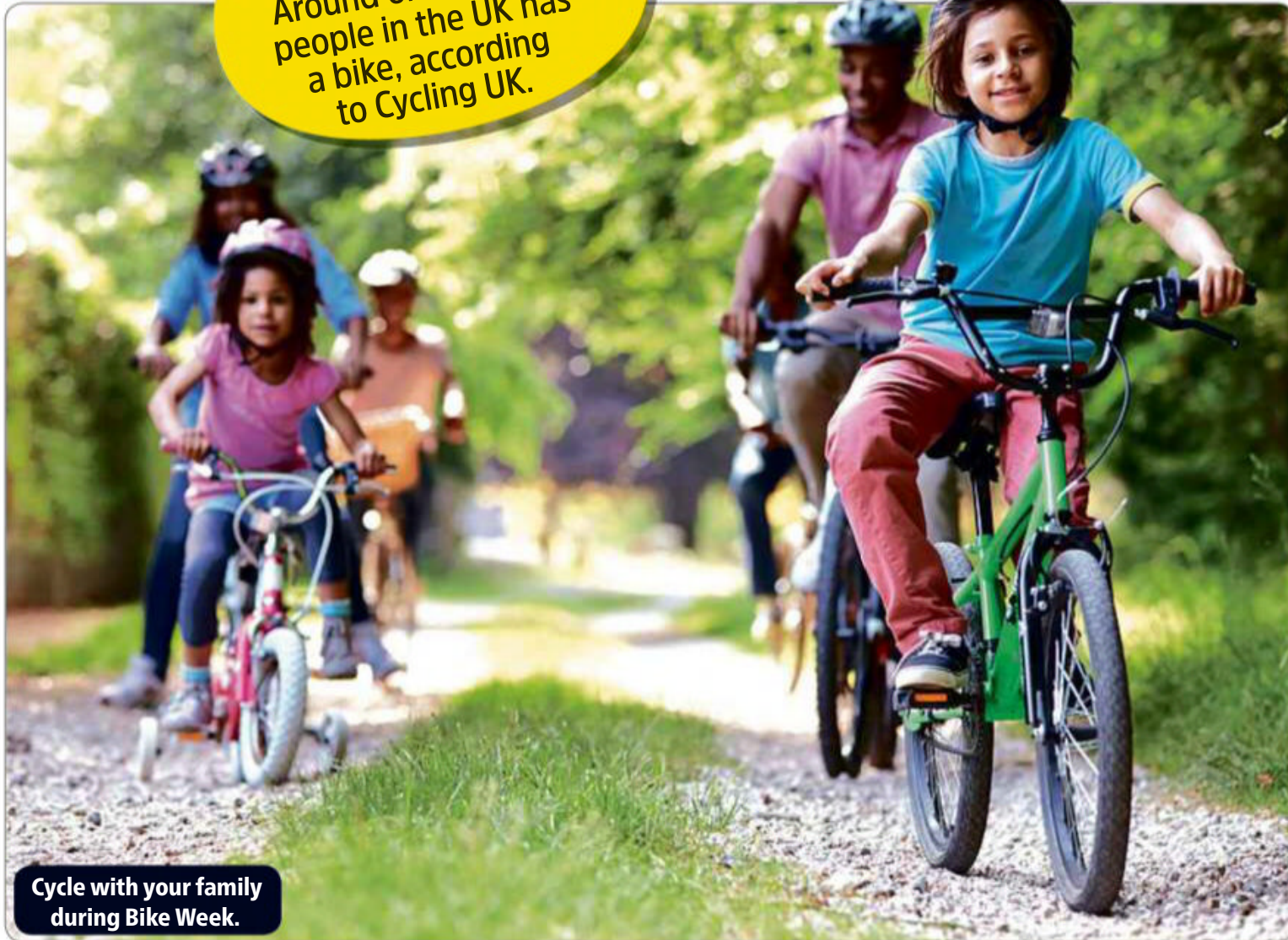
ON THE COVER: REX SHUTTERSTOCK; GETTY IMAGES. ON THIS PAGE: REX SHUTTERSTOCK - ALAMY - CAREY'S SECRET GARDEN



UK news

READY TO RIDE

Around one in three people in the UK has a bike, according to Cycling UK.



Readers on riding bikes



The sisters love cycling.

Sisters Sara, aged nine, and Aneeqa, aged 11, told *The Week Junior* they love cycling because it is a great way to stay fit and active. Sara says it is also a great way to spend quality time with family. One of Aneeqa's favourite things is cycling up steep hills. They love discovering new places when cycling and exploring the history of the local area. They will be taking part in Bike Week 2021 and encourage other people to give it a go. "We cycle for fun and sometimes take a picnic with us," they said.

Cycle with your family during Bike Week.

Saddle up for Bike Week 2021

From 30 May to 5 June, families and young people are being encouraged to take part in a national celebration of cycling called Bike Week. For each day of the event there is a different challenge, including setting a record for the World's Biggest Bike Ride.

What is Bike Week?

Bike Week is an annual event that encourages people to get on their bikes and enjoy riding. It was first held in 1923. The theme for this year's Bike Week is health and wellbeing. On each day of Bike Week there will be different challenges for



Learn how to change a tyre.

riders to undertake as well as lots of new activities and skills to try.

Why should I go cycling?

Rob Kingston, from Cycling UK, the charity behind Bike Week, told *The Week Junior* there were many benefits to cycling. He said it was a good way of staying active and that riding a bike keeps your body fit and well. He also said, "It's good for the environment as it doesn't pollute the air or burn dirty fuel, and that it's a great way to get outdoors, see new places and explore with friends and family."

What are some of the challenges?

One of the main challenges of the week takes place on Sunday 30 May, when the organisers hope to get thousands of people cycling in what they are calling the World's Biggest Bike Ride.

You can take part in this challenge with family or friends. People can log their rides online and all riders will be counted towards the total. Other challenges include: meeting up with friends and riding together; trying new challenges and adventures; and learning new skills on a bike. This could be changing a tyre, doing a wheelie, cycling up a hill, or taking a picnic to enjoy on your ride. For more information on Bike Week and how to log your ride for the World's Biggest Bike Ride, visit tinyurl.com/TWJ-bikeweek.



WORD OF THE WEEK

SYMPHONY

The word "symphony" literally means a harmony of sound. It travelled from ancient Greek to Latin, in which *sumphōnos* was made up of the words *sun* meaning "together" and *phōnē* meaning "sound". The antonym, or opposite, of symphony is "cacophony":

a harsh or unpleasant sound.



THIS WEEK IN HISTORY

27 May 1964

India's first prime minister passes away

Jawaharlal Nehru was educated in England at Cambridge University before returning to India, where he joined the Indian National Congress (INC). The INC worked to end Britain's direct rule of India. Nehru was repeatedly imprisoned for peacefully protesting against British rule. On 15 August 1947, Nehru became the first prime minister of independent India. He held this position until his death in 1964 in the nation's capital, New Delhi.



Jawaharlal Nehru

DID YOU KNOW?
Studies show that children who play more perform better at school.



Thank You Day is 4 July.

UK to mark Thank You Day

Charlie Mackesy, the author and illustrator of *The Boy, the Mole, the Fox and the Horse*, is joining up with schoolchildren across the UK to create a national thank you card. The card is being made for Thank You Day on 4 July, which is a day created to encourage people to show their gratitude to those who helped during the coronavirus pandemic. Every class in the country is being asked to take part, by making a poster with the names of people they want to thank.

Mystery artworks appear

A mystery artist in the Lake District, in north-west England, has been building large sculptures out of local slate. The artist's identity remains unknown and some of the works are located in places that aren't easy for walkers to reach. One of the creations, a slate circle, has received lots of attention on social media. Shawn Williamson, a sculptor based in the town of Windermere (who is not the mystery artist), told the BBC that, as well as exhibiting "traditional crafts", the work is very much "woven into the natural landscape, so it's **incredibly mysterious.**"



The slate circle.



There will be summer concerts.

Orchestra strikes up again

After 66 years, the Yorkshire Symphony Orchestra has been reformed. The orchestra was first formed in 1947 but stopped in 1955. One of the reasons for its revival is to support classical musicians in northern England who have been unable to perform due to Covid-19. Ben Crick, the conductor, told *The Guardian* it is "one of the most exciting things that lockdown has brought us". The orchestra will perform a series of outdoor shows this summer.



The pandemic has meant children have missed out on play and fun.

Charities back Summer of Play

More than 30 businesses and charities in the UK are supporting a campaign to give young people across the country a "Summer of Play". The campaign is being led by a group of charities including Save the Children. It has been created in response to the coronavirus pandemic, and the impact it has had on young people's physical and mental health (how we think, feel and behave).

In a survey by Save the Children, 92% of young people said the way they play had changed since the start of the coronavirus pandemic. A little more than half (51%) said they were playing outside with friends less, while a third (34%) said they were playing alone more.

At the same time, almost a quarter (23%) said they were playing less sport than they did before. More than 4,500 young people between the ages of seven and 14 took part in the survey.

Now that lockdown restrictions are starting to ease across the UK, Save the Children hopes more young people will be able to play outside with their

friends this summer. The Summer of Play campaign is calling on businesses and charities to do what they can to help support this.

This could be by organising events, or providing spaces to play and other resources. Organisations that have pledged their support so far include the Arsenal Foundation, Great Ormond Street Hospital, and the Lego Foundation.



Experts say playtime is vital.

Although the Government has announced summer schools to help students catch up with work, experts say that playtime should not be overlooked. Helen Dodd, who is a professor of child psychology at the University of Reading in England, told *The Guardian*, "Amongst all the talk of educational catch-up, it is vital that we

don't forget that children have also missed out on play with their friends, physical activity and fun."

Earlier this year, the Scottish government announced that it was spending £20 million to provide activities for young people across the country, so that they could enjoy "a summer of play".

THE WEEK'S SILLIEST HEADLINE

"Couple find out 'absolutely gorgeous pâté' they were eating was cat food" *Metro.co.uk*





Around the world

Giverny, France **Painted gardens reopen**

The gardens that inspired the famous French artist Claude Monet have opened to the public again, as France emerges from lockdown. Monet, who died in 1926, owned the house and gardens in Giverny, a village outside Paris. Some of his best-known paintings were done in the garden, including his popular *Water Lilies* series.



The house and gardens.

Barcelona, Spain **Plan for new cricket ground wins vote**

A group of cricket-loving girls in Barcelona, Spain, have won a public vote to build a cricket ground. The group's proposal for a cricket ground came top in a list of new facilities people would like in the city. The group is part of the Criquet Jove community project. The new ground will give them more space and better facilities to play cricket.



Goma, Democratic Republic of Congo **Mount Nyiragongo erupts**

A huge volcanic eruption has forced thousands of people to flee their homes in the city of Goma. At least 32 people have died since Mount Nyiragongo started erupting on 22 May. More than 350 children, who became separated from their families as people fled the city, have been reunited with their parents. The volcano last erupted in 2002.



Locals inspect damage after the eruption.



Winners Måneskin.

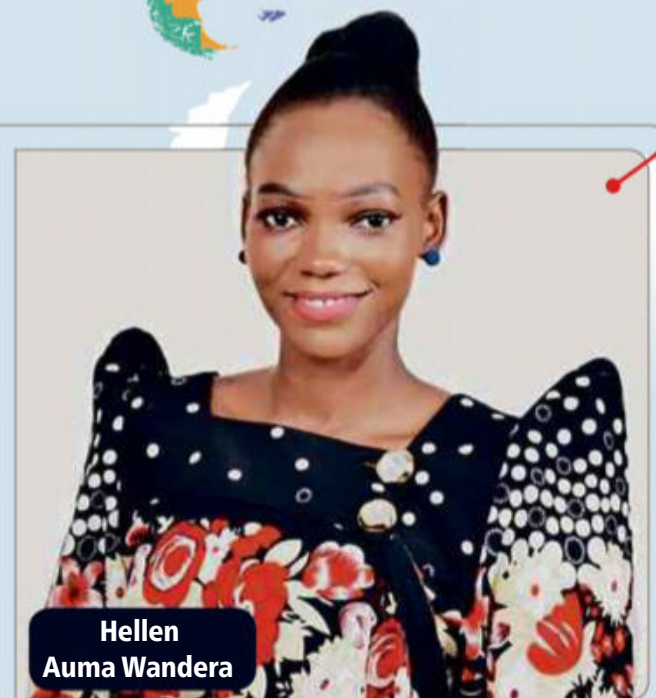
Rotterdam, Netherlands **Italy wins Eurovision**

Italy won the Eurovision Song Contest, held on 22 May in Rotterdam. The contest features singers from across Europe who receive votes from judges and the public. Last year the contest didn't take place because of the pandemic. The Italian rock band Måneskin won with song *Zitti e Buoni* ("shut up and be quiet"). The UK's song *Embers* was sung by James Newman. It finished last out of 26 countries.



Busia district, Uganda **Youngest MP elected**

Hellen Auma Wandera has become Uganda's youngest member of parliament (MP). The 23-year-old is known to her colleagues as Mama Busia, because she was elected in the Busia district. When she was at university, Wandera supported herself by selling deep-fried fish to students. She told the *Daily Monitor* newspaper that she entered politics after "I had a dream in which God directed me to be a leader."



Hellen Auma Wandera

REX SHUTTERSTOCK - ALAMY - GETTY IMAGES



Minsk, Belarus Plane forced to land

On 24 May a plane flying from Greece to Lithuania was forced to land in Minsk, the capital of Belarus, so that the authorities there could arrest a passenger. The passenger was a blogger called Roman Protasevich, who has criticised the government of Belarus. On 25 May the EU, a group of 27 countries that work and trade together, said it would place sanctions on Belarus. Sanctions are financial and political punishments.



Lake Resia, Italy Flooded village seen again

A lake in northern Italy has been temporarily drained, revealing the remains of a village that was submerged in 1950. The village was home to hundreds of people before it was flooded to create a reservoir. Previously, the only visible part of the village was a 14th century tower. Locals can explore the ruins while the reservoir is being repaired.



Shenzhen, China Skyscraper wobbles

People had to leave a 300-metre skyscraper on 18 May after it began shaking from side to side. On the ground, hundreds of people fled. It's thought the wobbling was caused by strong winds, underground rail lines and temperature changes that stretched the building's steel structure. Engineers insist the skyscraper is safe.



Addis Ababa, Ethiopia Six billion trees to be planted in 2021

Prime Minister Abiy Ahmed has announced plans to plant six billion trees in Ethiopia this year. He called on citizens "to cover our nation green". The initiative is part of a goal the country set in 2019 to tackle the effects of environmental damage, including flooding and food shortages. Since 2019, 10 billion trees have been planted.



Nairobi, Kenya Top judge appointed

The president of Kenya, Uhuru Kenyatta, has appointed Martha Koome as the first female head of the country's top court. Her appointment was approved by Kenya's parliament on 19 May. She has been a lawyer for 33 years, during which time she has defended women's rights and fought against discrimination. Koome will be the first woman to lead any part of the Kenyan government.



The big debate

Should all adults be given free money?

Wales is due to test a universal basic income scheme.

What you need to know

- Universal basic income (UBI) is an idea where the government gives all adults a set amount of money to cover basic living costs, such as housing and food.
- Different forms of UBI have been trialled in parts of Canada, Finland, India, Kenya, Spain and the US. Many politicians and public figures around the world support the idea.
- Mark Drakeford, the First Minister of Wales, has said that the country will soon trial a UBI scheme of its own.
- A survey in April 2020 found that 51% of adults in the UK now support UBI. 24% of adults were against it.



DID YOU KNOW?
Iran and Mongolia are the only two countries to have tried a nationwide universal basic income scheme.

Wales has announced it will trial a universal basic income project.

The idea of giving everyone free money was first discussed by the philosopher Sir Thomas More in his 1516 book *Utopia*. Since then UBI has remained in the public's imagination, with numerous trials around the world. However, it hasn't always been popular. In 2016, Switzerland held a vote on introducing UBI and nearly 77% of people voted against it. During the pandemic some people have become more open to the idea. In lockdown, the UK Government helped pay the salaries of some of those who weren't able to work. A 2020 poll found that 51% of adults in the UK support UBI. It was recently announced that there are plans to trial it in Wales. Some say UBI is the future, while others think it's wasteful. What do you think? Should all adults receive free money?

Yes - everybody wins

Bringing in UBI could end poverty by giving every adult enough money to live. For this reason it is something that every government should consider. The pandemic has shown how unpredictable life can be, with many people losing their jobs or unable to keep doing them in the same way. Meanwhile, more and more jobs are being taken by machines in a process known as automation. Some studies say up to 20 million factory jobs worldwide could be taken by robots in the next 10 years. UBI would mean that people would still be able to pay their bills and buy food if they lost their job. It would also give people the freedom to learn new skills and start businesses, which they otherwise wouldn't be able to do.

No - it's wasteful

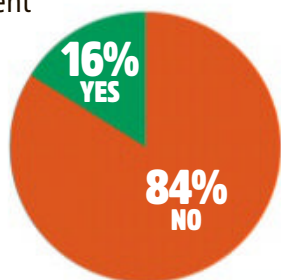
If every adult received a sum of money every month, no matter what, then there would be no reason to work. In a UBI trial in Finland, unemployed people were given money to see if it would help them find jobs. While they felt happier, they were no more likely to be employed than if they hadn't been given the money. Giving everyone free money would also be very costly for the government. This money could be better spent on other things, like building more schools, homes and hospitals. If everyone received a UBI, then there would be many rich people getting extra money that they don't need. Rather than giving money to everyone, the government should just focus on supporting those who need it the most.

THE WEEK Junior SHOW Listen to our podcast to hear Bex from Fun Kids radio and three of *The Week Junior* team bring this big debate to life. You'll find it at tinyurl.com/TWJpodcast



LAST WEEK'S POLL

Last week, we asked if ancient monuments should be updated to attract visitors. Most of you felt that altering monuments was a bad idea and that they should be left as they are.



YES Three reasons why all adults should be given free money

- 1 Having a universal basic income would help us get rid of poverty by making sure all adults have enough money to live and pay for things such as a home, food and heating.
- 2 Universal basic income provides people with a safety net if they lose their jobs or are unable work any more.
- 3 Having a guaranteed income could give people the freedom to learn new skills and start businesses of their own.

NO Three reasons why all adults should not be given free money

- 1 If all adults were given free money, no matter what, then there would be no need to work.
- 2 Universal basic income would cost the government lots of money. This money could be better spent on other things such as schools or hospitals.
- 3 Not everyone needs it. Having universal basic income would just make the rich even richer. Rich people don't need the extra money.



WHAT DO YOU THINK?

Now that you've read a bit more about it, tell us what you think by voting in our poll at theweekjunior.co.uk/polls. Vote YES if you think universal basic income is a good idea, or NO if you don't. We'll publish the results next week.





Racing to help save the planet

Boris Herrmann took part in an epic contest.

When environmental campaigner Greta Thunberg needed to take a boat from Europe across the Atlantic Ocean to attend a conference in the US in 2019, it was sailor Boris Herrmann she trusted to get her there safely.

Herrmann is used to epic trips. Earlier this year, after 80 days at sea, Herrmann completed one of the world's toughest sailing races – La Vendée Globe. Competitors have to sail around the world alone and without stopping.

Herrmann had an eventful race. He took part in the successful rescue of another competitor, whose boat sank after being hit by a large wave. "It felt like searching for a needle in a haystack, with the big rolling waves

and the dark skies," Herrmann told *The Week Junior Science+Nature* magazine. "It was a moment you never want to have to repeat."

On the last night of the race, when he had a chance of victory, Herrmann collided with a fishing boat.

He had to stop and repair his yacht, before sailing slowly to the finish.

It's not all racing for Herrmann, though. He is now working on a project to plant

a million mangrove trees.

Mangroves provide a habitat for lots of animals and are also good for the environment. You can read more about Herrmann's adventures and environmental plans in issue 36 of *The Week Junior Science+Nature*, which is out on 28 May.



Herrmann's racing boat.

DID YOU KNOW?
La Vendée Globe is known as the "Everest of the seas" because it is such a big challenge.



Boris Herrmann



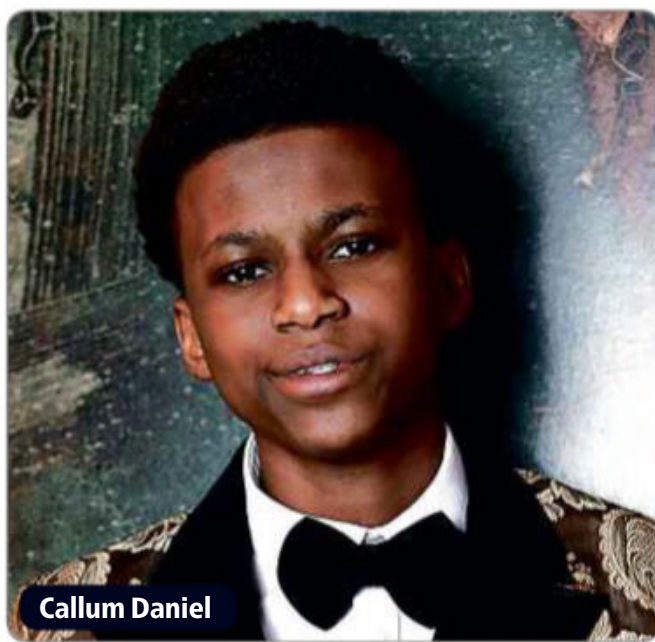
Steven Bartlett

New Dragon in the den

When he was 22 years old, Steven Bartlett set up his own media company, Social Chain. Now, six years on, Bartlett is a multimillionaire and has become the youngest Dragon on the BBC series *Dragon's Den*. The Dragons are wealthy entrepreneurs (people who set up their own businesses). In the show, they hear ideas from aspiring entrepreneurs and decide whether to support the idea. "I'd sit at home as a 12-year-old pretending I was a Dragon," Bartlett said to the *Daily Telegraph*. Bartlett told the BBC that he wants to "show other 12-year-old Steves that they too can be business people."

Sharing a love of robots

When he was seven years old, Callum Daniel set up the company iCodeRobots, to give young people from all backgrounds a chance to build and code robots. He became interested in robots after meeting one when he was four. However, there wasn't a local robotics course to join – so he set up his own. Daniel is now 12 and has helped 1,000 children receive robotics lessons. Last year, he was recognised with a Diana Award (prizes given out by a charity that supports young people) for his achievements. Daniel said, "I am going to continue doing what I love doing, helping others, especially young people."



Callum Daniel

“” THEY SAID IT!



“I want to learn how to do that”

Skateboarder Tony Hawk when he first saw people taking part in the sport.



BIRDS OF BRITAIN
More than 620 bird species have been recorded in Britain.



A flock of snow geese in New Mexico, US.

The world's rarest birds

One of the rarest birds in the world is New Zealand's kakapo. Only around 204 of these large flightless parrots are left, but efforts to try and save the species and increase their numbers, have had success in recent years. The Madagascar pochard, meanwhile, was thought to be extinct until, in 2006, 25 of these rare ducks were spotted on a lake. Thanks to conservation efforts there are now around 150 in the wild.



A Madagascar pochard.

World bird population counted

A new study has calculated that there are likely to be around 50 billion individual wild birds in the world. The research, led by scientists at the University of New South Wales in Australia, is the first attempt to work out the world's population of wild birds, species by species. If the figure is accurate, it means there are about six birds for every human on the planet. However, because of the difficulties of counting wild birds, the researchers say it is possible that there could be a staggering 428 billion birds.

Corey Callaghan from the University of New South Wales told *National Geographic* magazine how in



One of the 1.6 billion house sparrows.

2015 he was inspired by watching a huge flock of tree swallows fly overhead. He wondered how many birds the flock contained – and how many there might be in the whole world.

By taking photos, Callaghan was able to calculate roughly how many there were in that single giant flock. However to work out how many birds there are in the world, Callaghan and two colleagues needed huge amounts of data gathered by professional and citizen scientists (interested members of the public who collect data to help in scientific research). In this case, the citizen scientists were birdwatchers. They

were able to provide enough information to estimate the global populations of some 9,700 separate bird species (about 92% of all bird species in the world).

According to the team's calculations, the most abundant wild bird is the house sparrow, with a population of 1.6 billion. The European starling is next with 1.3 billion, after which come ring-billed gulls (1.2 billion) and barn swallows (1.1 billion).

Many bird populations around the world are declining, and Callaghan says it is important to know how many birds there are in order to help protect the species whose numbers are falling. "We spend a great deal of time and effort counting humans, but we need to be sure we are keeping tabs on all the biodiversity we share planet Earth with," Callaghan explained to *National Geographic*.



ECO TIP OF THE WEEK

UK MAMMAL SURVEY

If you want to help monitor and protect wildlife around the UK, there's no better way than taking part in the annual Living with Mammals survey. Using information provided by ordinary people, the People's Trust for Endangered Species (PTES) can help to protect the country's mammals (animals that give birth to live young) and safeguard their future.

The survey has been running every year for 18 years, and asks people to record mammals they

see in their garden or local green spaces – anything from a fox to a hedgehog to a deer or a badger. People can also note signs left behind by mammals, such as footprints or droppings.

Last year, 2,000 people took part. The top five sightings were grey squirrels, hedgehogs, foxes, mice and bats, while rabbit sightings continued to decline compared to previous years. To get involved and record what you see, head to tinyurl.com/TWJ-Mammals





ARMS GALORE

Sunflower sea stars usually grow between 16 and 24 limbs.

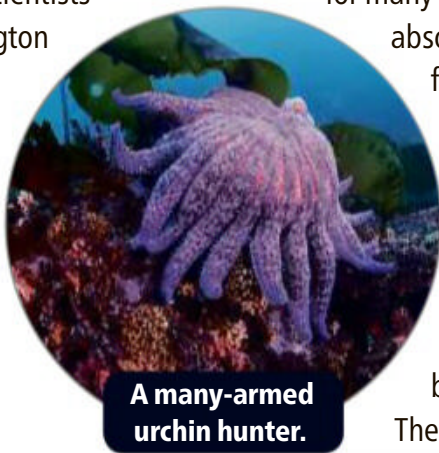


Colourful sunflower sea stars.

Sea stars raised by scientists

For the first time, scientists have successfully raised one of the world's largest starfish in a laboratory. Sunflower sea star numbers have plunged in recent years, but scientists from the University of Washington in the US hope their success will help to save the species.

Sunflower sea stars have multiple arms, colours that range from pink and purple to orange and yellow, and can grow to more than a metre across. They are found off the Pacific coast of North America, but since 2013 their numbers have dropped by around 90% because of a disease linked to rising ocean temperatures.



A many-armed urchin hunter.

Sunflower sea stars maintain healthy oceans by hunting the sea urchins that feed on kelp, a large brown seaweed. Kelp provides a home for many other sea creatures, and also absorbs harmful carbon dioxide from sea water, but the fall in sea star numbers has led to urchins destroying large areas of kelp forest.

So far, the scientists have raised 12 new sea stars from larvae (tiny babies) no bigger than a poppy seed.

They are now growing another batch of tens of thousands. By raising them in warmer waters, the team hope the adults will cope better if they are released back to the ocean.

Animal of the week

Pacific footballfish



An unusual black fish with sharp teeth and a glowing "lightbulb" on its head recently washed up on the shores of California in the US. The Pacific footballfish was a long way from its usual territory, in the darkness of the deep ocean; how it reached the beach remains a mystery.

- **LIFESPAN IN THE WILD:** Up to 30 years.
- **HABITAT:** Around 900 metres deep in the Pacific Ocean.
- **SIZE:** Females measure around 60 centimetres long – about 10 times larger than males.
- **DIET:** Anything they can find in the deep ocean – but mostly squid and small crustaceans.
- **FUN FACT:** They can swallow prey as big as themselves.



Good week



Ospreys in the UK

Lyndon Nature Reserve in Rutland has welcomed two new osprey chicks that hatched within a day of each other. Their mother, Maya, has been looking after them with regular fish deliveries from their father, which is known as 33. Maya is the only osprey at the site that has been given a proper name.

Bad week



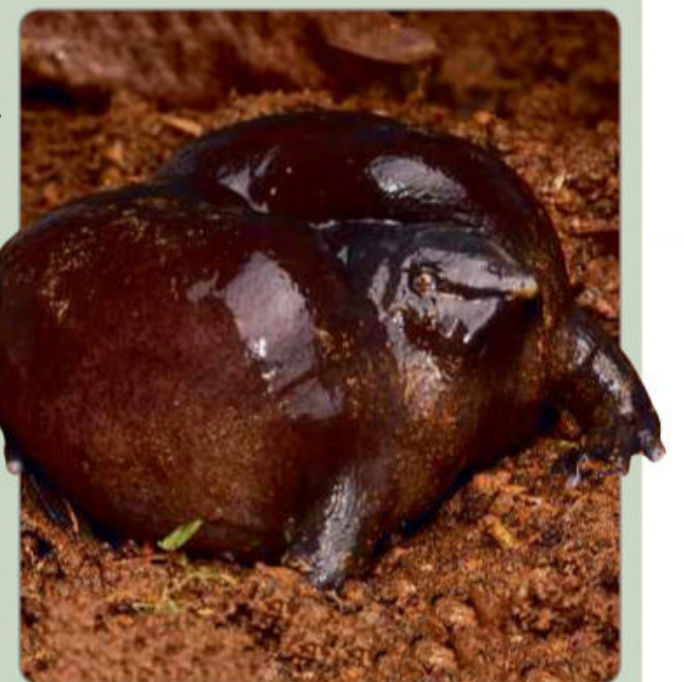
Ancient rock art

Rock paintings up to 45,500 years old, found in caves on the Indonesian island of Sulawesi, are flaking away. The damage is caused by salt crystals that form on the cave walls, then shrink and expand due to changes in temperature and humidity, peeling away the ancient paint below.



Are there any animals that are purple?

Very few animals are purple, but the Indian purple frog is one of them! This bizarre pointy-snouted, burrowing frog has a round, purple body and is found in southern India. Another purple animal is the violet sea snail, whose shell is a lavender colour. These snails create bubble rafts by frothing up mucus, and use it to float at the surface of tropical oceans.



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Celebrating 50 years

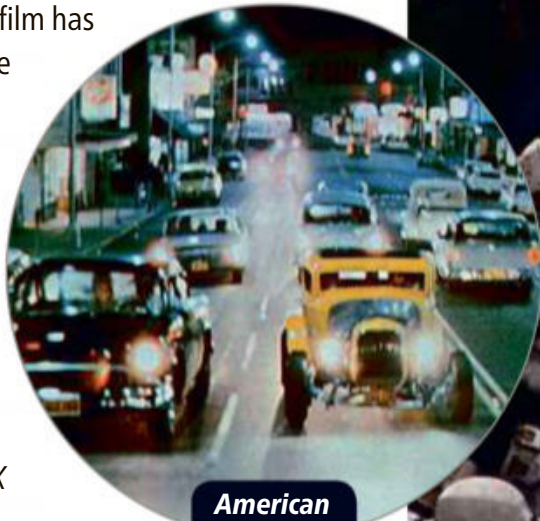
Lucasfilm is the world's most innovative movie studio.

In 1971, US filmmaker George Lucas, creator of *Star Wars*, set up a film and TV company called Lucasfilm. He said he wanted to "shake up how movies were made and what they were about".

In the years since, Lucasfilm has been behind some of the biggest technological breakthroughs in film.

Cars and spaceships

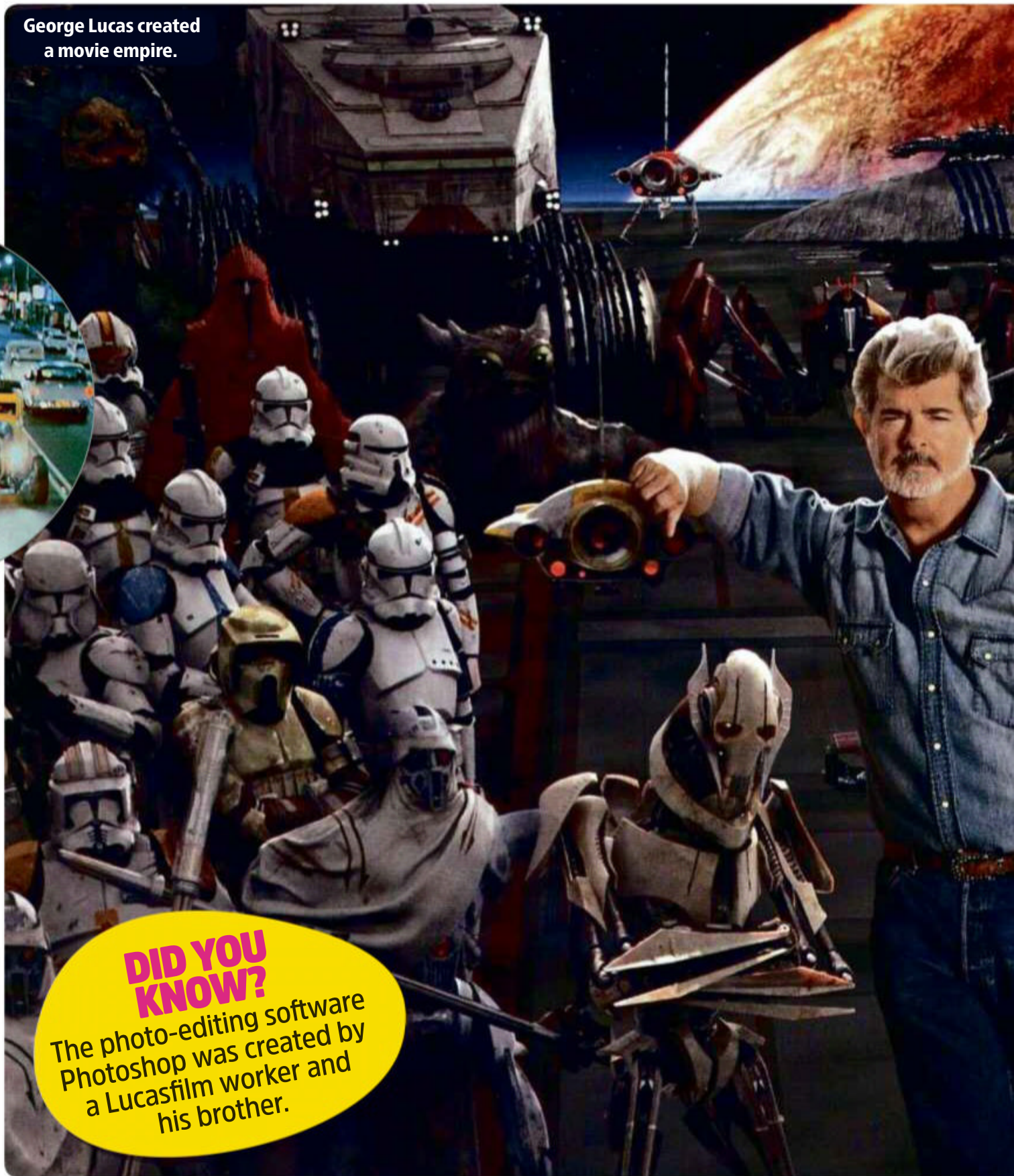
When George Lucas set up Lucasfilm in 1971 he had only made one feature film, a sci-fi drama called *THX 1138*. The first Lucasfilm production was 1973's *American Graffiti*, a comedy about teenagers and their cars. However, it was *Star Wars* in 1977 that showed what Lucasfilm was capable of. The film's incredible special effects were the work of Lucasfilm's Industrial Light & Magic (ILM) department. Lucas created ILM and a sound-effects department called Sprocket Systems (later renamed Skywalker Sound), especially for *Star Wars*. Their work set a new standard and they have since been used by countless other filmmakers.



American Graffiti.

Globe-trotting adventures

Star Wars was followed by *The Empire Strikes Back* in 1980 and *Return of the Jedi* in 1983. Around this time, Lucas also worked with fellow filmmaker Steven Spielberg to make the *Indiana Jones* films. Starting with *Raiders of the Lost Ark* in 1981, the series follows the adventures of an all-action archaeologist (someone who studies ancient objects to help us understand history). The films starred Harrison Ford, who also played Han Solo in the *Star Wars* series.



George Lucas created a movie empire.

DID YOU KNOW?
The photo-editing software Photoshop was created by a Lucasfilm worker and his brother.

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Harrison Ford as Indiana Jones with George Lucas.

Three Lucasfilm movies to try

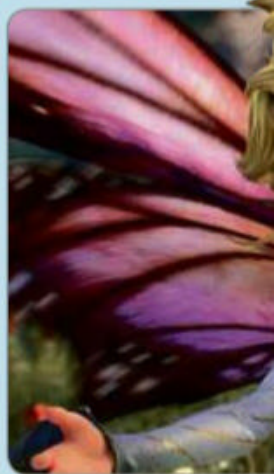
Labyrinth

When goblins from her favourite book, *The Labyrinth*, kidnap her younger brother, Sarah has to journey into the world of the book to save him. Released in 1986, *Labyrinth* was directed by Jim Henson, the creator of *The Muppets*, and stars the singer David Bowie.



Strange Magic

Inspired by the William Shakespeare play *A Midsummer's Night Dream*, this animated movie musical is based on a story idea from George Lucas himself. In *Strange Magic*, elves, goblins, fairies and other creatures battle over a mysterious potion.





of movie magic



WOW!

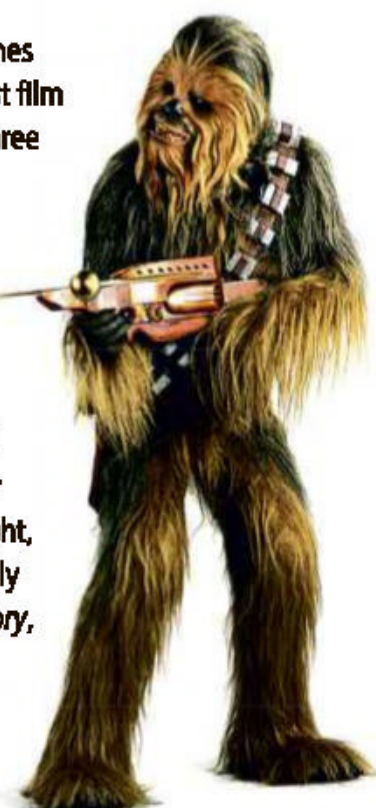
George Lucas's dog was the inspiration behind Chewbacca's look and Indiana Jones's name.



Pixar's *Toy Story*.

Breaking boundaries

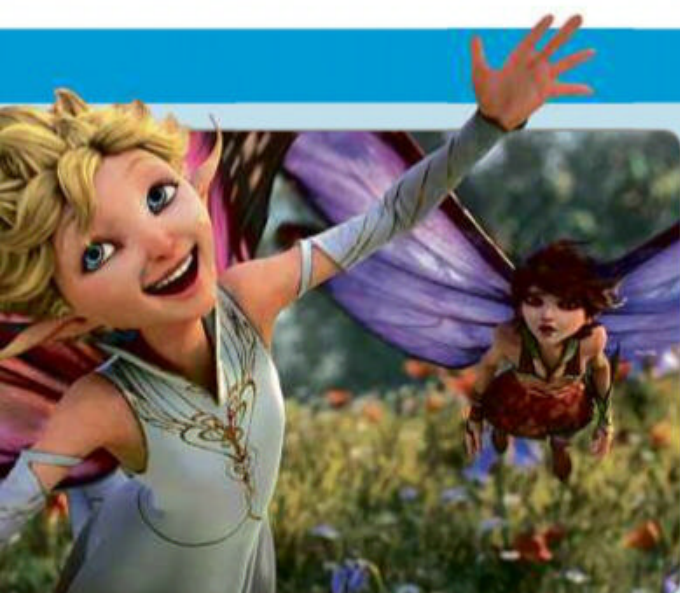
In 1982, Lucasfilm launched a **games** division, which made them the **first film** studio to produce video games. **Three** years later, ILM created the **first** fully computer-generated **movie** character for the 1985 film *Young Sherlock Holmes*. Meanwhile, the Lucasfilm Computer Graphics Division **was** making short computer-animated films. This department would **later** become a film studio in its **own right**, called Pixar. It released the **first fully** computer-animated movie, *Toy Story*, in 1995.



Chewbacca

Going to Disney

In 2012, Lucasfilm was bought by Disney for £2.5 billion. As **well as** making *Star Wars* movies and TV shows, Lucasfilm worked with Disney to create a *Star Wars* zone – called Galaxy's Edge – at their US theme parks. A fifth *Indiana Jones* film is scheduled to be released in 2022. Lucasfilm is still experimenting with new technologies. ILM set up the ILMxLAB in 2015 to work on virtual reality (VR) projects. Virtual reality is a computer-generated environment that looks as if it is real. So far, their work has included VR experiences inspired by Marvel, *Star Wars* and *Wreck-It Ralph*.

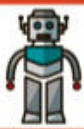


Willow

Starring actor Warwick Davis (who has been in several *Star Wars* films), this is about a farmer who finds a baby girl, who people say will end the rule of an evil queen. *Willow* was directed by Ron Howard, who would later go on to direct the 2018 *Star Wars* spin-off *Solo*.

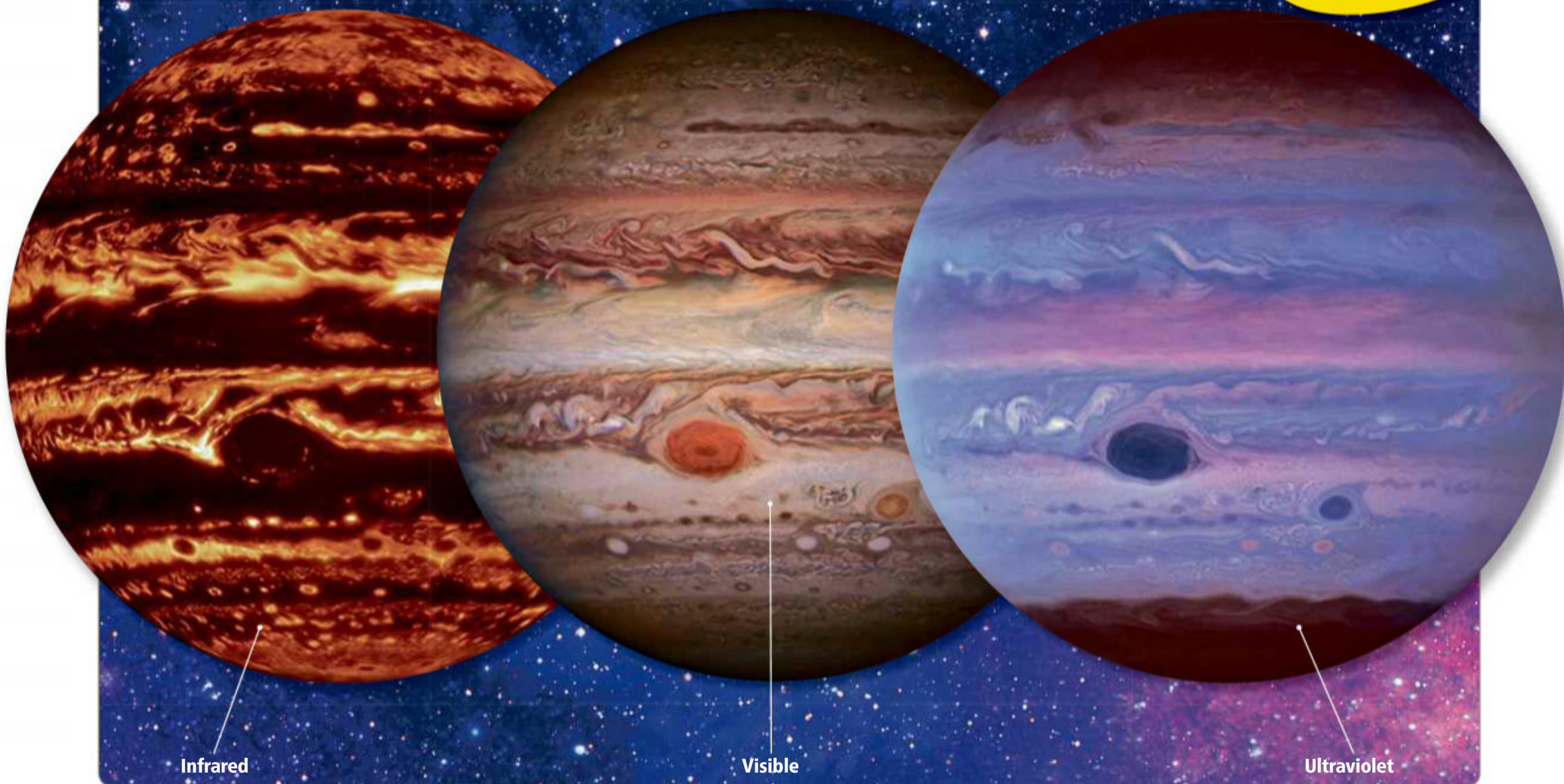


Galaxy's Edge theme park zone.



WOW!
Jupiter can fit more than 1,300 Earths inside it.

Jupiter in three lights.



Infrared

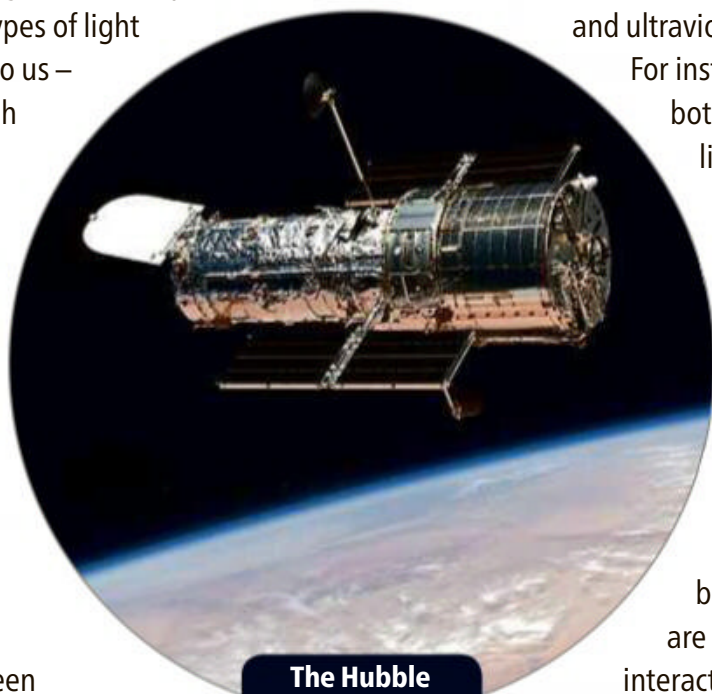
Visible

Ultraviolet

Giant planet in a new light

New pictures of Jupiter, taken in three different kinds of light, are giving scientists a rare look inside the turbulent atmosphere of our solar system's biggest planet. Jupiter is a huge planet made almost entirely of gas. Processing and comparing the images has revealed a wealth of new information about its deep atmosphere, including the Great Red Spot (GRS) – a storm that has raged on Jupiter for centuries and is almost twice the size of Earth.

As well as the visible light that our eyes can see, there are other types of light that are usually invisible to us – low-energy infrared (which we feel as heat) and high-energy ultraviolet. On 11 January 2017, cameras on the Hubble Space Telescope were used to capture visible and ultraviolet images of Jupiter. At the same moment, an infrared view was snapped by a telescope at the Gemini Observatory in Hawaii, US. These images have been processed over the last four years.



The Hubble Space Telescope.

The infrared image reveals how hot or cold different areas are. Fiery-looking bands show warmth from Jupiter's interior escaping through gaps in clouds, while dark areas (including the GRS) show where thick clouds are blocking the heat's escape. Mike Wong, a scientist at the University of California in the US, compared Jupiter's infrared appearance to a jack-o'-lantern (a carved Halloween pumpkin). The other images show how the planet's atmosphere absorbs or reflects different types of visible and ultraviolet light from the Sun.

For instance, the GRS absorbs both blue and ultraviolet light, but reflects red; this is why it appears red in the visible image and dark in ultraviolet.

Some other features show similar colours to the GRS, but others – including distinct "hot spots" that appear bright in infrared but dark in other views – are quite different. To see an interactive comparison of the images, visit tinyurl.com/TWJ-jupiter

Juno's Jupiter mission

A spacecraft called Juno is currently orbiting Jupiter, taking close-up pictures of the planet to learn more about its atmosphere. Launched by the US space agency NASA, Juno arrived at Jupiter in July 2016 and has recently had its mission extended through to 2025. It is named after a goddess who was Jupiter's wife in Roman mythology. She was able to see through the clouds Jupiter used to hide his true nature. NASA says its Juno spacecraft is also looking through the clouds, "not seeking signs of misbehaviour, but helping us to understand the planet's structure and history."



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Sniffing for Covid

Researchers in France have found that sniffer dogs are able to detect the Covid-19 virus in humans more accurately than widely used lateral flow tests (LFTs). The results mean dogs could be employed in airports and other crowded places to check for travellers carrying the disease.

Nine dogs took part in the trial, which was conducted in March and April by France's national veterinary school and a Paris hospital. Scientists took samples of sweat on a cotton pad from people who visited a Covid-19 testing centre. They sealed the pads in jars before giving them to at least two of the nine dogs to be sniffed.

The dogs detected 97% of samples from people with Covid-19 accurately, along with 91% of negative samples from people who did not have the disease. LFTs, in comparison, correctly

identify only 72% of people with the virus. LFTs are still widely used instead of more accurate polymerase chain reaction (PCR) tests because they are cheaper and give results in 30 minutes.

Dogs detect the virus through distinctive chemicals, which one scientist has described as "the fingerprints of a disease". The odour is impossible for humans to detect, but dogs have a sense of smell between 1,000 and 10,000 times better.

Training to sniff out Covid.



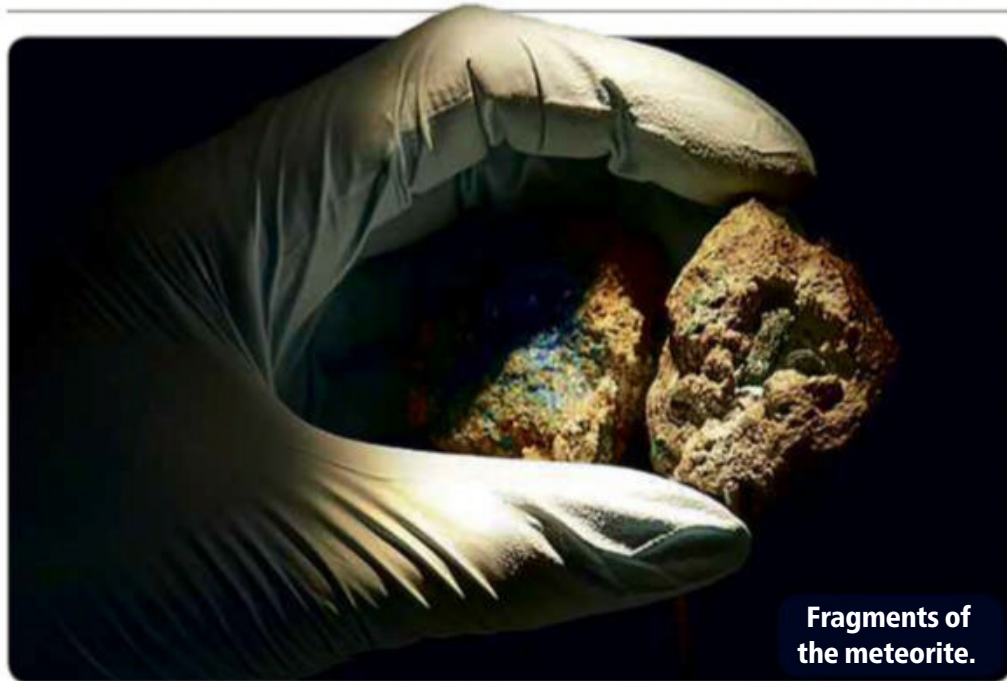
Professor Jean-Marc Tréluier, of the Paris Hospitals organisation, told the news agency Agence-

France Presse that the dog trials provided "excellent results". Because the dogs can tell so quickly if someone has Covid-19, he suggested they could be used for mass testing at places like airports and concert venues. Doggy Covid detectives have already been used in trials at Finland's Helsinki Airport.



Ready to help fight the pandemic.

TOP NOSES
With 300 million scent receptors, bloodhounds have the best sense of smell of any dog breed.



Fragments of the meteorite.

Winchcombe meteorite on display

The UK's most famous space rock has gone on display at London's Natural History Museum. In February this year, fragments of the so-called Winchcombe meteorite tumbled out of the sky onto the Wilcock family's drive in Gloucestershire, England.

The meteorite is a type of rock called a carbonaceous chondrite. It contains grains of interplanetary dust that stuck together as the solar system formed 4.6 billion years ago. Only 500 such meteorites are known, and this is the first to be found in the

UK. "There are so many unbelievable coincidences," Rob Wilcock told the BBC. "How old it is, how far it's come, why it landed on our drive."

Museum scientists were able to study the rock hours after the Wilcocks found it, and because the fireball made by its descent was seen by many people across the UK, experts can even work out the shape of its orbit. Dr Ashley King from the Natural History Museum told the BBC, "We know it came from somewhere near Jupiter – we saw it coming in."

NEW ISSUE ALERT!



WALK ON THE WILD SIDE

The new issue of *The Week Junior Science+Nature* is out now, and packed with amazing stories and activities. Find out why sea turtles are making a comeback in the Cayman Islands, then explore the hidden history of our pets. Take a look at the truth about extinction, nature's most destructive (and creative) force; explore the mysterious Sutton Hoo burial; and learn about the speedy science of cycle racing, before turning to the Lab section for colourful holiday experiments.

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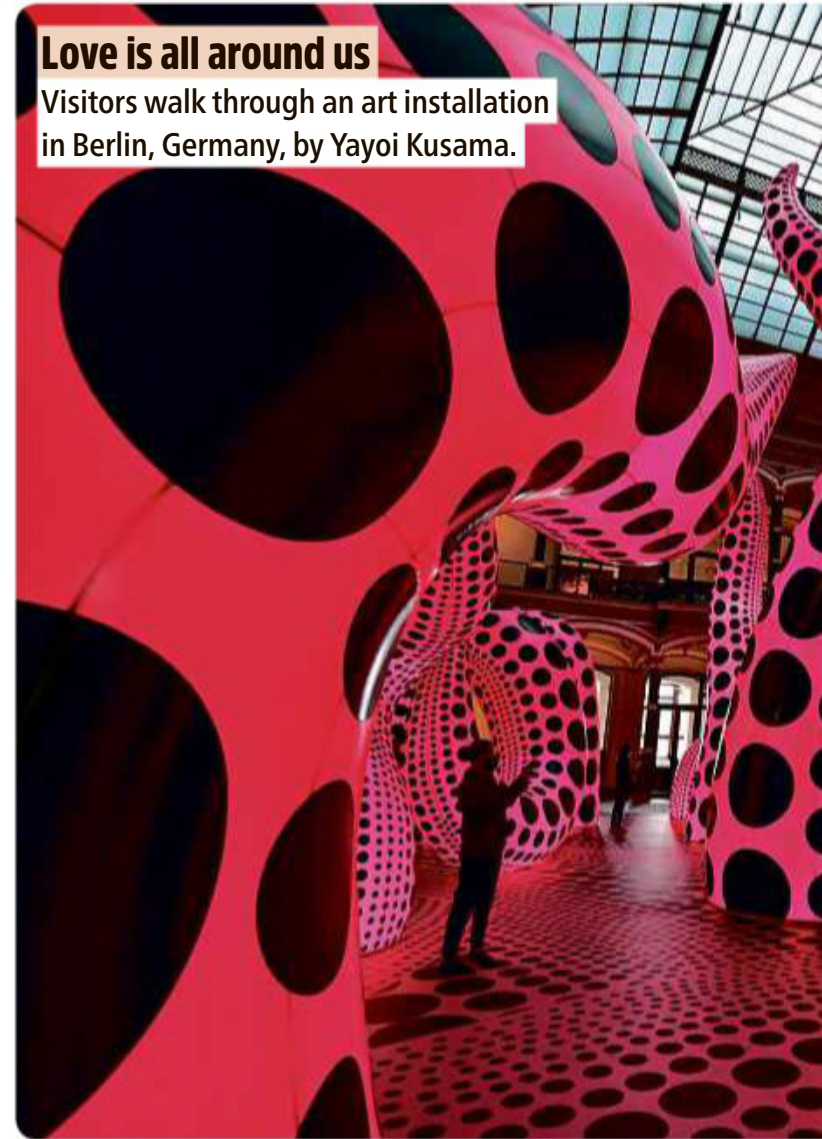
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Photos of the week



Leapfrog
Indian bullfrogs emerging from hibernation.



Love is all around us
Visitors walk through an art installation in Berlin, Germany, by Yayoi Kusama.



Snack break
A grizzly bear in Canada eats a dandelion.

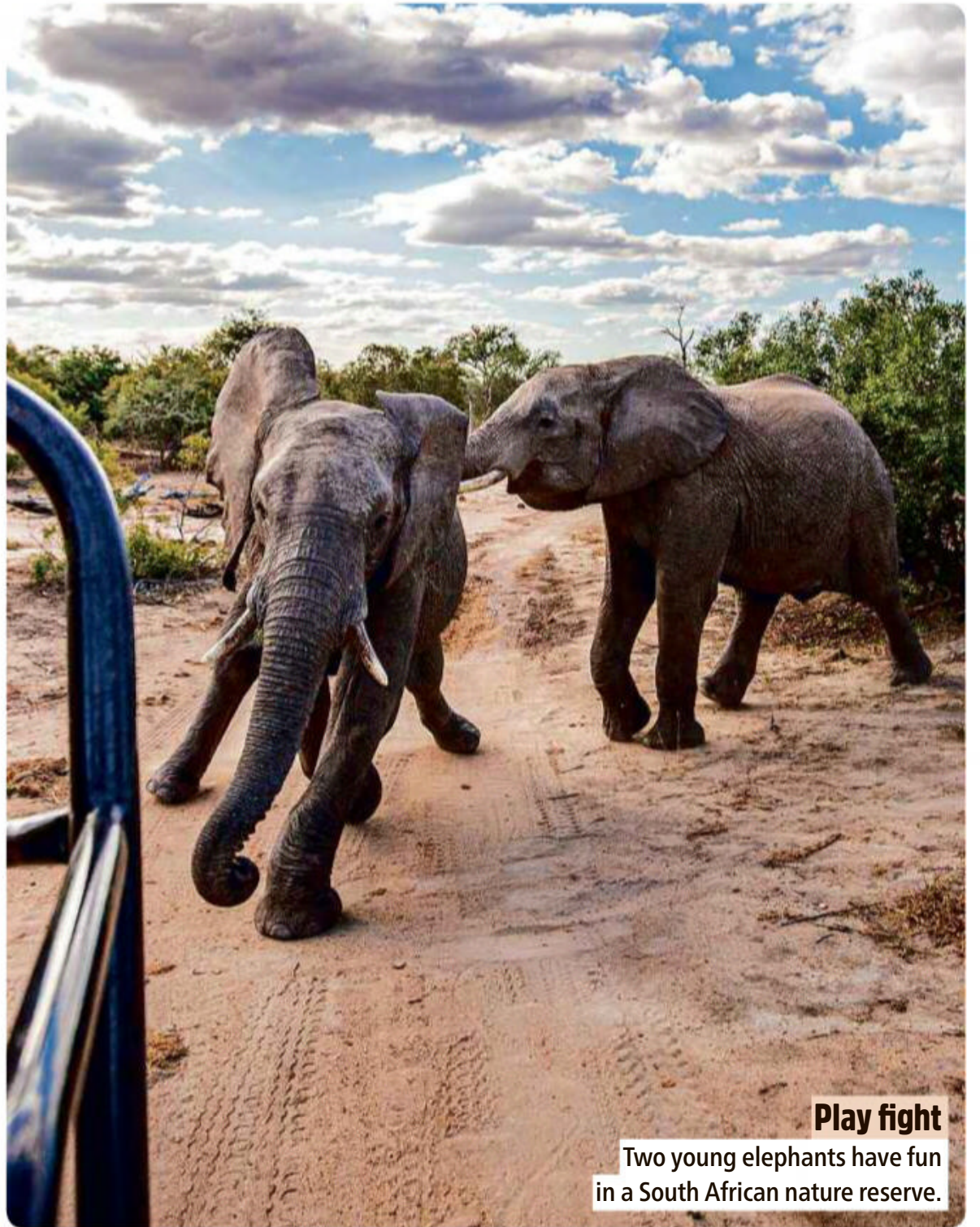


Under the rainbow
A rainbow appears over a windmill in Buckinghamshire, England.

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Racing tyres
Children chase tyres down a sand dune in Vietnam.



Play fight
Two young elephants have fun in a South African nature reserve.



Laura Muir won the 1,500 metres race.

DID YOU KNOW?
The Diamond League replaced a competition called the Golden League.

Sporty sisters



Cindy Sember and Tiffany Porter.

Cindy Sember often competes against Tiffany Porter, who is her sister. Porter is seven years older than 26-year-old Sember. Porter finished fourth at the Diamond League event in Gateshead behind her victorious sister. The pair were born in Michigan, in the US, but they have a British mother and chose to represent Great Britain. They hope to qualify for this summer's Olympics in Tokyo, Japan. At the 2016 Olympics, Sember came fourth and Porter seventh in the 100 metres hurdles final.

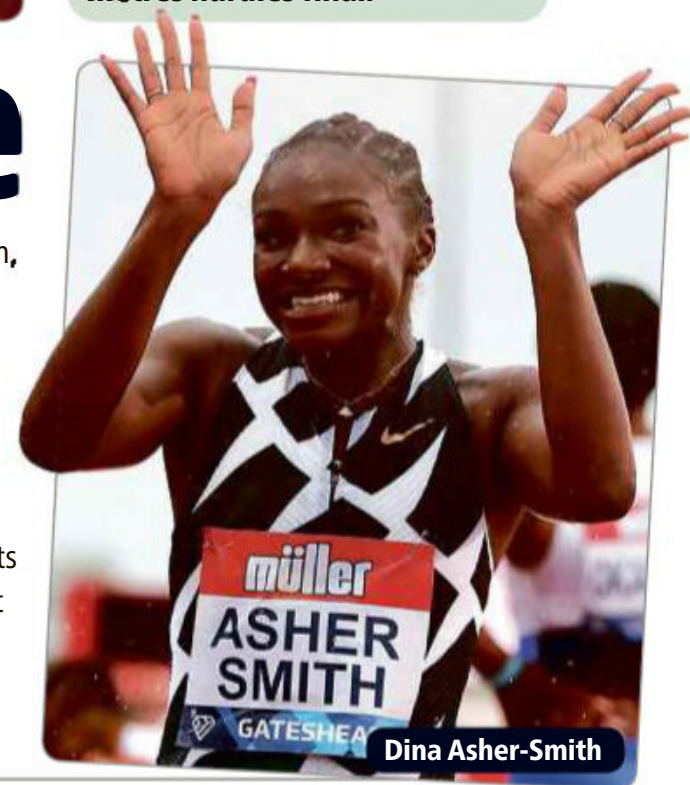
Diamond athletes shine

On 23 May, Britain's Laura Muir, Dina Asher-Smith and Cindy Sember enjoyed success as the 2021 Diamond League began. The Diamond League is a series of athletics competitions that are held between May and September. It has track and field events for men and women, including hurdles, long jump, pole vault, shot put and sprinting.

The first event was held at Gateshead International Stadium, in north-east England. Muir won the 1,500 metres race, Asher-Smith finished first in the 100 metres, and Sember took gold in the 100 metres hurdles.

Asher-Smith's victory was particularly impressive. She beat US sprinter Sha'Carri Richardson, who had already run

this year's fastest 100 metres time in a different competition, and Jamaica's double Olympic champion Shelly-Ann Fraser-Pryce. There are 14 Diamond League competitions throughout the summer, in countries including China, France, Italy and Qatar. There is also another event happening in Britain on 13 July with the venue yet to be decided. Athletes are awarded points at each Diamond League event depending where they finish, with eight points for first, seven for second and all the way down to one point for eighth. The competitors with the most overall points qualify for the Diamond League Final, which will be in Switzerland on 8 and 9 September.



Dina Asher-Smith

THE WEEK'S WINNERS...

St Johnstone

They won the Scottish Cup for only the second time, beating Hibernian 1-0 in the final. St Johnstone had already lifted the League Cup in February.

Phil Mickelson

The 50-year-old won the US PGA Championship to become the oldest ever winner of a major golf tournament.



Adam Peaty

The British swimmer won four gold medals at the European Championships. Peaty also won four times at the competition in 2018, 2016 and 2014.

Great Britain women's hockey team

They beat the US 5-1 and 5-0 in two Pro League games played at Lee Valley in east London.



The comfort of cooking

Cooking is a great way to boost your wellbeing and connect with people.

Cooking can be creative and calming.



BAKE OFF!
During the first lockdown, spending on baking ingredients went up by 49%.

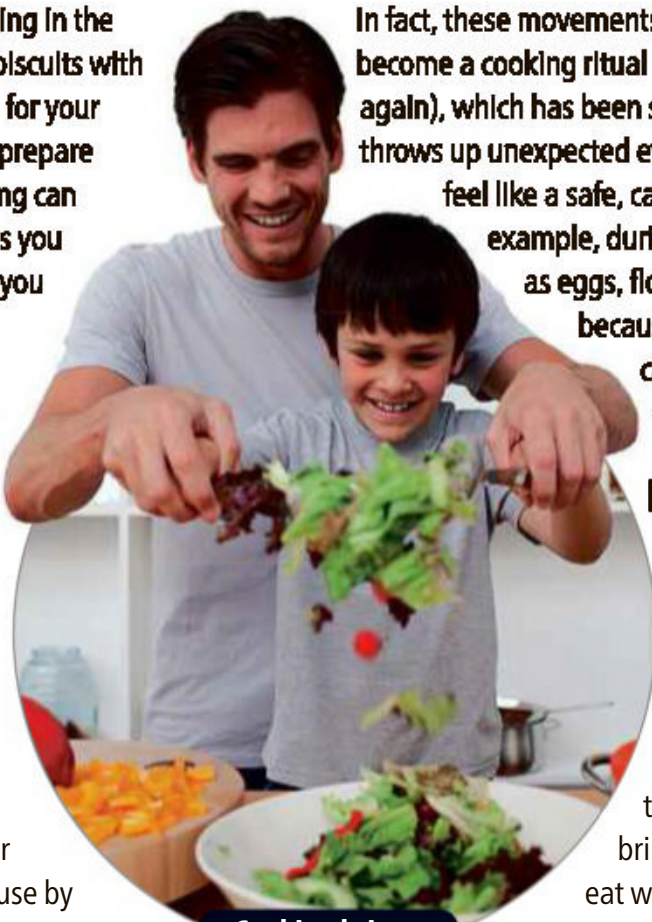
What is your first memory of being in the kitchen? Perhaps it's baking biscuits with a grandparent, making sandwiches for your lunchbox, or helping your family to prepare a feast for a special occasion. Cooking can remind you of the people and places you love. It can also be fun and comfort you when you are feeling down.

How is cooking good for me?

Cooking has been found to reduce stress and improve wellbeing, according to The Mental Health Foundation. Like other creative hobbies, it allows you to use your imagination, try new things and express your personality.

Why is cooking calming?

Cooking encourages mindfulness, or being in the present moment, because by focusing on chopping, pouring and stirring, your mind is less likely to dwell on your worries.



Cooking brings people together.

In fact, these movements are repeated so often that they become a cooking ritual (something you do over and over again), which has been shown to be soothing. When life throws up unexpected events and situations, cooking can feel like a safe, calming and reassuring activity. For example, during the pandemic, ingredients such as eggs, flour and butter, were in high demand because so many people turned to baking cakes and bread to fill the time and to lift their spirits.

Bringing people together

Cooking is a great way to learn about different cultures and taste your way around the world. For example, pizza and pasta transports you to Italy, sushi provides a taste of Japan, and tacos take you to Mexico. Cooking also brings people together. Sitting down to eat with friends and family builds strong social connections, which is known to be good for people's mental and physical health.

The Big Lunch



The Big Lunch is a community get-together that takes place every year in June. People cook and share food and enjoy getting to know one another as they eat together. The event is organised by the charity Eden Project Communities. The aim is to improve the happiness and wellbeing of people across the UK by bringing communities together and inspiring them to make positive changes where they live. This year's Big Lunch takes place from 5 June. You can find out more, including how to organise your own Big Lunch, at edenprojectcommunities.com/the-big-lunch

Kitty, 10, on The Big Lunch

Kitty has been attending Big Lunches since 2014. She says, "there are always lots of nice cakes at The Big Lunch, which people bring to share. I love to see what other people bake as everyone makes something different. Last year was hard because of lockdown, but me and my friends took part in a virtual Big Lunch. The cakes we made were so yummy. This year I'm going to bake another cake. I think everyone should join in, bake a cake and make friends with their neighbours."





Step into Wonderland

The V&A opens a new exhibition on Lewis Carroll's heroine.

DID YOU KNOW?
Lewis Carroll made up the word "chortle", a kind of laughter, in *Through the Looking-Glass*.



One of the installations.

One fine afternoon in 1862, a girl called Alice Liddell was on a boat with her sisters and a maths tutor called Charles Dodgson. He told them a story about a girl called Alice who spots a white rabbit in a hurry. Alice insisted he write the story down, and he did, under the pen name Lewis Carroll. *Alice's Adventures in Wonderland* was published in 1865 and is still popular 156 years on.

The Victoria and Albert (V&A) Museum in London has made the fictional Alice and her world the subject of their biggest exhibition of 2021.

"Alice encourages us all to question, to learn, to explore, and to dream", said Kate Bailey, who curated the exhibition (a curator chooses how and which objects are displayed). She says it aims to discover "why she's an endless source of inspiration for some of the world's most creative minds."



Alice's Evidence by Kristjana S. Williams.

There are more than 300 items in the exhibition, which have been split into themes including the written work, the films, theatre productions and photography. These items show how the story developed from thoughts in the mind of Dodgson on

the boat, to a fashion designer's collection of clothing inspired by Alice and the inhabitants of Wonderland.

The exhibition also looks at the character of Alice Liddell. There is a photograph of her taken by the author in which, unlike the 1951 animated Disney film, she has short brown hair. Her descendant, Vanessa Tait, said that the original Alice "nagged Dodgson into writing down her story." He gave her the manuscript, which is on display.

To accompany the exhibition, the V&A has also asked the artist Kristjana S. Williams to put together a book of illustrations telling the story of Alice.

Alice: Curiouser and Curiouser is on now. To find out more, go to: tinyurl.com/TWJ-curiouser

Going down the rabbit hole



Alice Day at the Story Museum

To celebrate the 150th anniversary of *Through the Looking-Glass*, the Story Museum will parade a huge Alice puppet through Oxford, England, on 3 July. Find out more at tinyurl.com/TWJ-alicesday

The original film

The British Film Institute (BFI) has restored damaged footage from the first ever film adaptation of *Alice's Adventures in Wonderland*, which was released in 1903. Watch it here: tinyurl.com/TWJ-alicefilm



Curiouser and Curiouser!

This free exhibition at the Potteries Museum and Art Gallery in Stoke-on-Trent, England, tells the story of *Alice's Adventures in Wonderland* using items from the museum's collection.



There is also the option to visit online, with games to play and hidden objects to be discovered in each chapter. To find out more, head to tinyurl.com/TWJ-alicestoke



★ ★ ENTERTAINMENT NEWS ★ ★

Emma Stone stars as Cruella.



DODIE'S DOGS

The *Hundred and One Dalmatians* author Dodie Smith had nine Dalmatians.

Cruella comes to town

Cruella, the story of the famous villain from *101 Dalmatians*, is set to be one of Disney's first films to open in UK cinemas after Covid-19 restrictions were lifted. It was also released on Disney+ on 28 May.

The film explores the life of Cruella de Vil who wants to make a coat out of Dalmatian fur. In this version of the tale, Estella de Vil, played by Emma Stone (who starred in



Cruella is a fashion designer.

The Crows) is an orphan who moves to London to pursue a career in fashion design.

She starts working for Baroness von Hellman, played by Emma Thompson (who starred in the *Harry Potter* films), and eventually turns into the Dalmatian-obsessed criminal Cruella.

The film was meant to come out last year but was delayed due to Covid-19. It is a 12A and may not be suitable for younger readers.



THIS WEEK'S WATCH LIST



The Masked Dancer

7pm on 29 May, ITV

The first in a series of seven episodes, in which 12 celebrities dance in costumes that disguise their true identity. The panel has to work out who is behind the mask. The first episode sees Zip against Knickerbocker Glory, Beetroot vs Llama and Viper taking on Scarecrow.



2021 European Para Swimming Championships

8.25am on 30 May, Channel 4

These are the highlights from the swimming championships for competitors with disabilities, taking place this year in Madeira, Portugal. Many of those competing are also hoping to compete in the Paralympic Games in Tokyo, Japan, this summer.



Launchpad

From 28 May on Disney+

Launchpad is a series of six short films, all created by filmmakers and writers from under-represented backgrounds in the film industry. More than 1,100 people applied to have their films made and the overall theme for the stories is "Discover."



FILM CLUB

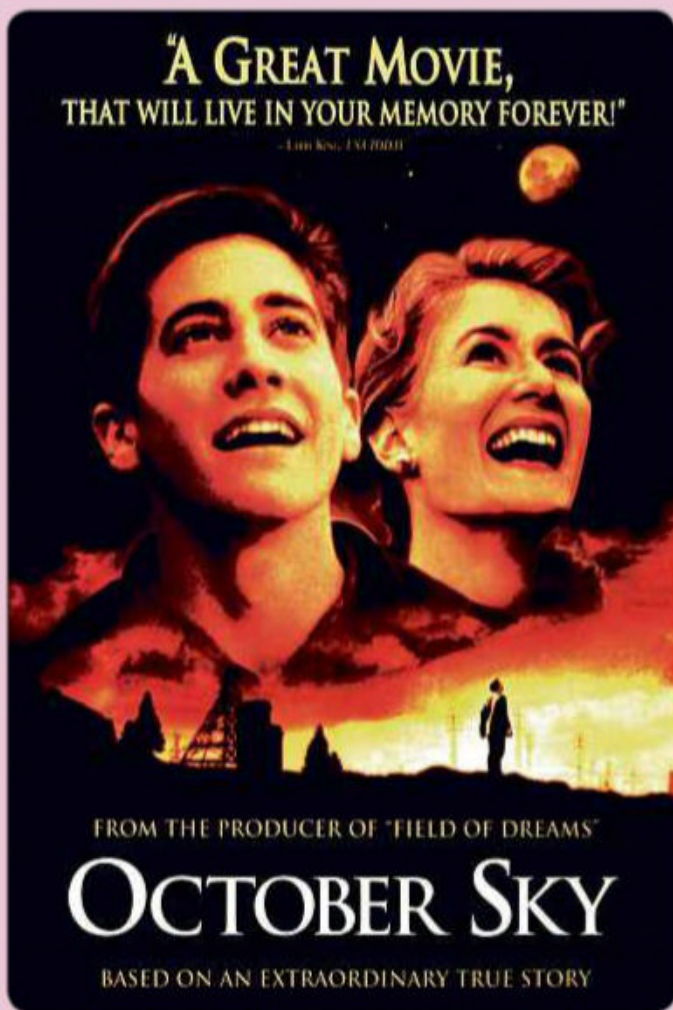
This film tells the true story of a NASA engineer.

October Sky

Apple TV, Chili, Google Play, Prime Video, Rakuten TV, Sky Store, YouTube



This is a lovely family film about a young boy, the son of a coal miner, who is captivated by the launch of a Russian rocket into space in October 1957. He's expected to follow the path of his father and become a miner too, but the boy – Homer Hickam – is inspired to become an engineer for the US space agency NASA instead. This, inevitably, is a plan with quite a few bumps, and it's fair to say that not everybody approves. This charming movie, based on a true story, explores Homer's path, and tells us how things ended up in real life too. If you like the sounds of this, maybe plan a double bill with the more recent *Hidden Figures*, also based on a true story.





On screen

DID YOU KNOW?
FIFA is the best-selling sports video game series ever.



How Kieran Prince looks in the game.

Return of a football Prince

A young player whose life was cut short comes back in a video game.

Kieran Prince had a bright footballing future ahead of him in 2006. He was a 15-year-old playing for the youth team of English club Queens Park Rangers (QPR), and he was one of their most talented players. Tragically, Prince died that year, so fans never got to find out just how good he might have been as an adult. Now the games company Electronic Arts (EA) is bringing Kieran back in virtual form.

EA has worked with Kieran's family, along with a film

special-effects company called Framestore and scientists at the University of Bradford in England, to **guess how** he might have looked **today** as a 30-year-old professional footballer.



Kieran Prince can be used in FIFA 21.

EA has added the virtual Prince to the QPR squad in its FIFA 21 game, where fans will be able to use him in the game's Kick-Off and Career modes. They can also unlock a special kit and a tifo (a giant flag in the stadium) in the game's Ultimate Team mode. "My hope is that the

world finally gets to glimpse Kieran's incredible potential fulfilled," said Kieran's father Mark Prince. "We get to honour his talent, and hopefully we can inspire other kids to honour their own talent, too."

The process of creating the virtual Kieran involved looking at photos of him as a teenager, as well as photos of his dad when he was 30 years old. EA also had to analyse how he played when alive, to work out what kind of player he might have developed into.

Framestore has worked on the special effects for several big films, including *Avengers: Endgame*, and that technology helped it to create the virtual Kieran.

The publicity around the recreation will help to raise money for the Kieran Prince Foundation, a charity that works with young people around the UK.



VIDEO OF THE WEEK

TOP RECORD-BREAKER

tinyurl.com/TWJ-sabba

Have you ever thought about breaking a world record? Silvio Sabba has broken more than 200! This video compiles some of his best efforts, including Jenga blocks, sticky notes stuck to his face, and most pairs of underpants.



GAME OF THE WEEK

EARS AND BURGERS

Rabbits don't, as a rule, cook or eat hamburgers, pizza or sushi. They do in this fun puzzle game, though, which gets you to make towering recipes according to the bunny characters' preferences.



WEBSITE OF THE WEEK

QUICK DRAW

quickdraw.withgoogle.com

Could you draw a bear, a stop sign, a crocodile or a chandelier in 20 seconds? And if you could, would an artificial intelligence be able to guess what you were drawing? That's the idea on this site, which is part of a research project.



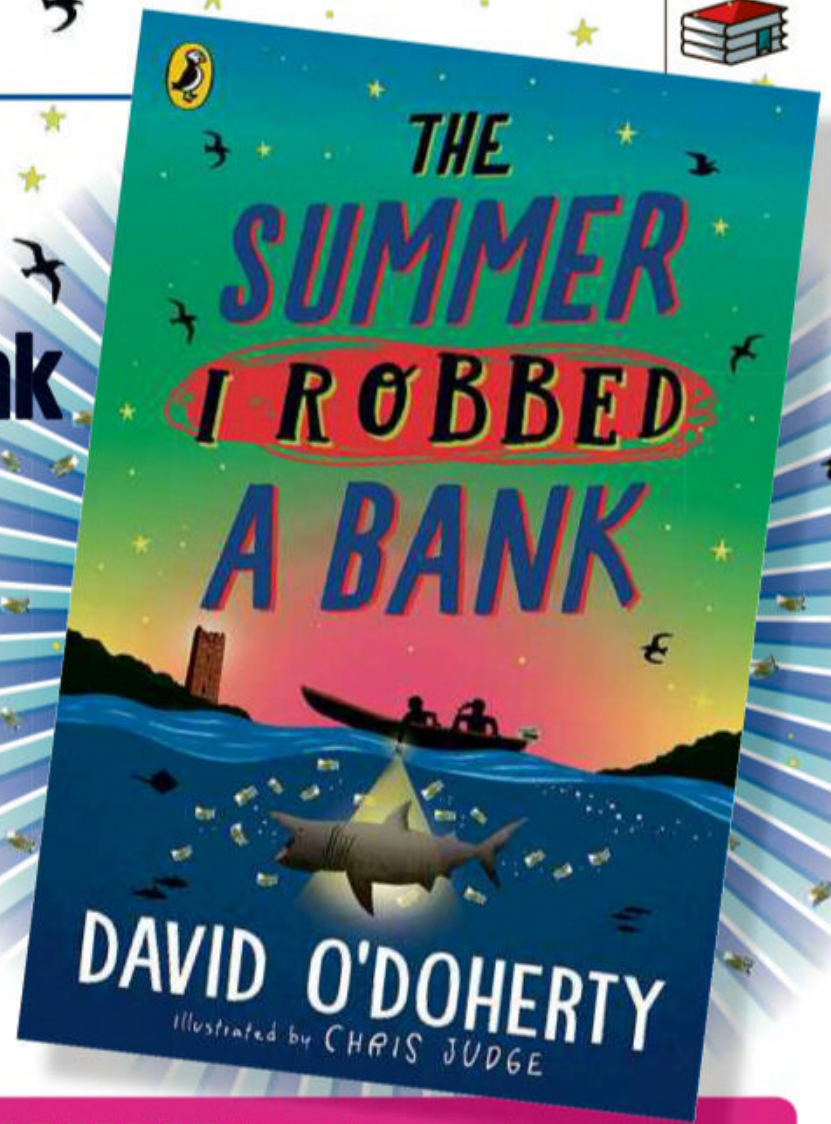
Book club

BOOK OF THE WEEK

The Summer I Robbed a Bank

by David O'Doherty.
Illustrated by Chris Judge
(Puffin Books)

How did one of the quietest kids in his class, and the scariest scaredy-cat, become one of the most wanted criminals in the country? It all begins when Rex is sent to spend the holiday on a remote island off the coast of Ireland with his Uncle Derm. Rex soon discovers that his uncle plans to rob the island's travelling bank. But Uncle Derm is no ordinary bank robber: instead, inspired by the local legend of pirate queen Grace O'Malley, he plans to give away the money to those who need it. Soon, Rex finds himself mixed up in his uncle's plan. Told from Rex's point of view, this is a funny, quirky and heart-warming adventure. Fans of Frank Cottrell-Boyce, Ross Welford or David O'Doherty's previous *Danger is Everywhere* trilogy will love it.



WIN! We're giving away five copies of *The Summer I Robbed a Bank*

For a chance to win a copy, just send your name and address to competitions@theweekjunior.co.uk and put **SUMMER** in the subject line.* Closing date: midnight on Friday 11 June. See theweekjunior.co.uk/terms for rules.

5 books about life under water

Immerse yourself in the remarkable and surprising world of the deep ocean.

Earth's Incredible Oceans

by Jess French.
Illustrated by Claire McElfrick
(Dorling Kindersley)
Delve deep into the ocean with this new book written by wildlife expert Jess French. Incorporating illustrations and photographs, it includes plenty of information about ocean plants and animals including jellyfish, narwhals and coral – as well as what we can do to help protect our oceans for the future.

Interview with a Shark

by Andy Seed and Nick East
(Welbeck Publishing)
If you could talk to a shark, what questions would you ask? Ten different ocean giants share their amazing stories in this entertaining question-and-answer style book – including habits, behaviour, likes and dislikes and favourite foods. Alongside the great white shark, you'll meet the blue whale, giant squid, octopus, manta ray and more.

100 Things to Know About the Oceans

(Usborne Books)
What sound does an iceberg make? Which is faster – a tsunami or a bullet train? Find the answers to these questions and many others in this fun book, which is packed full of quirky and surprising facts about our amazing oceans.

Water World

by Ben Rothery
(Ladybird Books)
This stunning illustrated book explores creatures that live in the water, from penguins, seagulls and polar bears to plankton, sharks and sea-horses. As well as plenty of fascinating information about wildlife, you'll learn exactly why our ocean ecosystems are so important, and how our actions can affect them.

Atlas of Ocean Adventures

by Emily Hawkins.
Illustrated by Lucy Letherland
(Wide Eyed Editions)
Set out on an ocean adventure with this beautiful atlas, which will take you travelling with leatherback turtles across the Pacific, ice-bathing with a walrus, and crunching coral with parrotfish in Thailand. Turn over the super-sized pages for plenty of facts as well as fabulous maps, infographics and illustrations.

ASK THE AUTHOR



David O'Doherty

The writer of *The Summer I Robbed a Bank* reveals why he hates showers.

What makes you smile?

I like when two animals of different species are friends. Like a cat and a dog. Or a panda and a shark. Actually, I'm not sure they'd be friends. That's a terrible example.

Favourite place in Ireland?

My Granny lived on an island in the Atlantic Ocean called Achill where you find huge nine-metre basking sharks and there used to be a famous pirate queen. I've set this book there.

What's your favourite piece of technology?

Can I say the bicycle? Yeah, I know it's not a recent

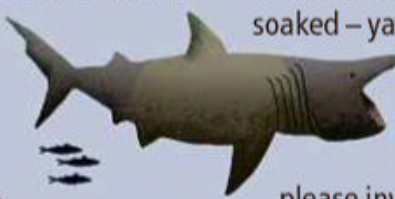
invention like wireless headphones or VR headsets, but you can't ride down a hill with the wind behind and your friend clinging to you on either of them.

What makes you bored?

Showers are boring – just standing there, getting soaked – yawn. I wish I could take a pill to get clean instead. Could somebody please invent a shower pill? Thank you.

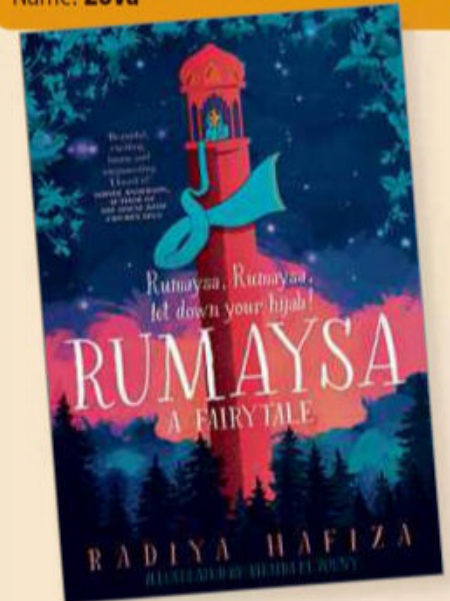
Do you have anything in common with the main character?

Oh yes. I used to be scared of water, and I used to be too shy to say anything. But I promise I've never robbed a bank!



READERS RECOMMEND

Name: Zova



Rumaysa: A Fairytale

by Radiya Hafiza

Rumaysa is a mixture of *Rapunzel*, *Cinderella* and *Sleeping Beauty* – but in a different culture. I liked the twist on my favourite fairy tales.

YOUR TURN

Email your book review to hello@theweekjunior.co.uk. If your review is printed in the magazine you'll receive a Roving Reporter badge. Tell us what you liked about the book and why you'd recommend it to others, and don't forget to include your name and address.*





Do something

WOW!
An 11-year-old called Max Woosey has raised more than £530,000 for charity by sleeping outside since 29 March 2020.

Stay safe
Wherever you sleep, make sure it is safe and you have adult supervision.

HOW, WHAT, WHERE?



What else can I do?

If you can't sleep out for some reason or you want to take on another task there is also a Boycott your Bed drawing challenge. Entries are now open and will close on 25 June. It is open to anyone aged 12 or under, and all you have to do is sketch the spot you would most like to sleep out in. Find out more at boycottyourbed.co.uk/drawing



How can I get involved?

Go to boycottyourbed.co.uk for all the information and how to register, including full details of the drawing challenge. You can get involved now and receive updates on the special guests taking part and ideas on where to stage your sleep out.

Try a sleep out with friends and family.

Leave your bed behind and raise funds when you...

Sleep out



Do you fancy spending a night in your dream den? How about sleeping in a cool tent you've made, or perhaps camping out on your sofa? Get involved with the Boycott your Bed event and any of these fun things can happen.

Boycott your Bed takes place on Friday 9 July and is organised by the Action for Children charity. It supports young people and families in the UK who are having financial difficulties and may be struggling to pay for essential things. Last year, the charity helped 387,000 children, young people, and families across the UK.

All you have to do is sleep away from your own bed for the night. The spot you snuggle up in can be indoors or outdoors. Perhaps you can bunk down in the bath, lounge out in the back of the car or get comfy in the shed

or garage? Be as creative as you like. Families and groups can join together on the sleep out, depending on any coronavirus restrictions that may be in place, to make the night even more memorable.

In the weeks before the event you can help to raise money for the charity in lots of ways.

Try asking friends and family to sponsor you in advance.

On the evening of Boycott your Bed there are online activities and entertainment to enjoy, which can be watched on a phone, tablet or computer with internet access. Celebrity guests will make appearances and there will be lots of fun activities.

Make sure you plan ahead for the night away from your usual bedroom comforts. You might want warm clothes, blankets, pillows and snacks to keep you going.



There are online activities.

"WE ENJOY SLEEPING OUT"

"We really enjoy sleeping out for Boycott your Bed because it helps to benefit other people. We did it last year and will be making a den again in our garden. We'll make it bigger this year and our dad will join us. We have blankets to keep warm and last year a lot of our friends sponsored us to help raise money."



Name: Clara and Lottie



Lottie and Clara took part last year.

ALAMY - REXSHUTTERSTOCK

NEW PODCAST

In Episode 2, Dan and Ciaran take off on an intergalactic hunt for extraterrestrial life.



PLANET X
KING TUT'S CURSE
THE LOCH NESS MONSTER
FOREST FENN'S TREASURE
BIGFOOT

MEDICINE'S GREATEST MYSTERY
THE MISSING AVIATOR
ALIENS
DEJA VU
BRAIN TINGLES

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Crossword

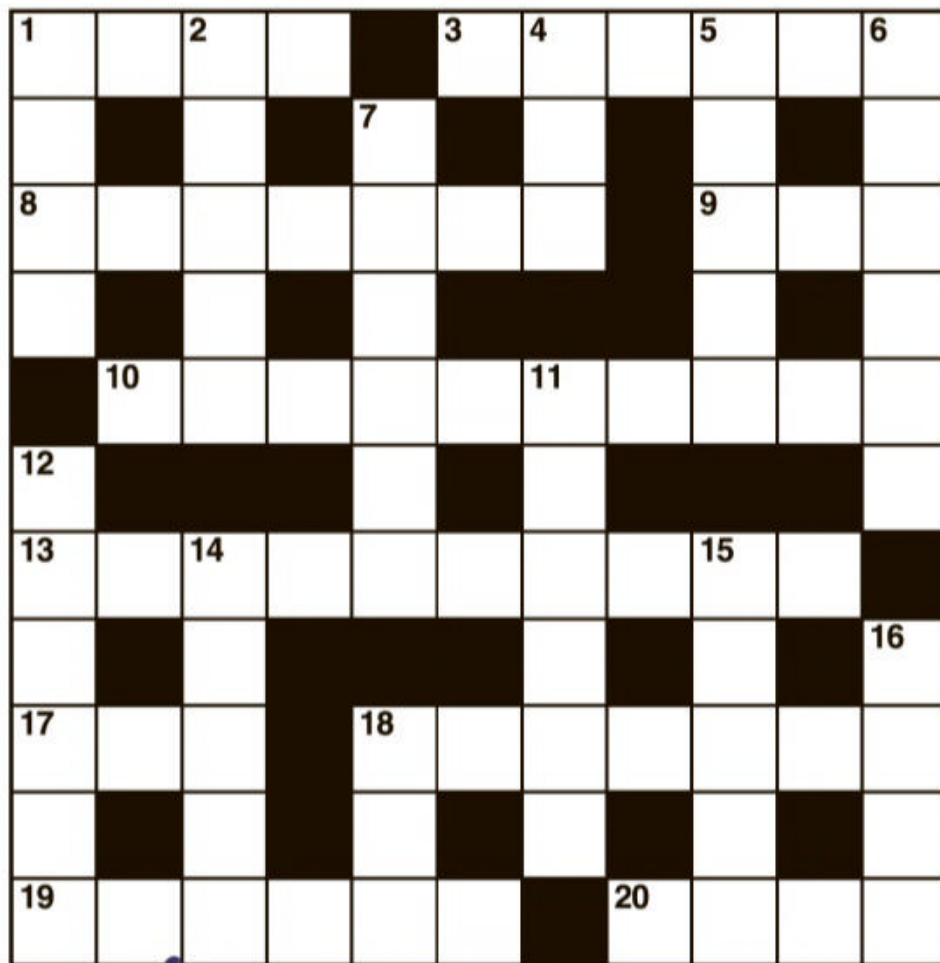
Read the clues carefully and write the answers into the grid.

Across

- 1 Write your name on (4)
- 3 Twisted out of shape from heat (6)
- 8 Large tent used for a party (7)
- 9 Illuminated (3)
- 10 Smooth-skinned peach-like fruits (10)
- 13 River vessel with oars (6,4)
- 17 Shorter Morse code element (3)
- 18 Diver's breathing tube (7)
- 19 Small insect with pincers (6)
- 20 Put in the post (4)

Down

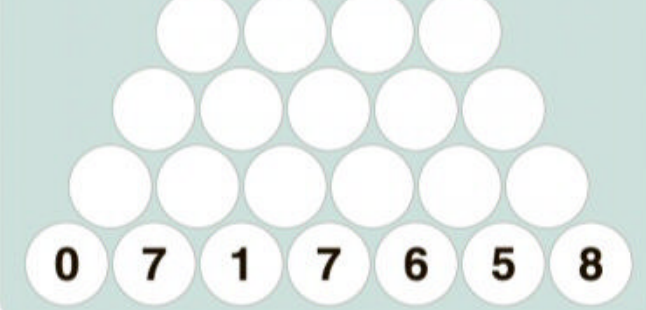
- 1 Japanese style of wrestling (4)
- 2 Prickly bush with yellow flowers (5)
- 4 Winning tennis serve (3)
- 5 Metal tower supporting power cables (5)
- 6 Hate intensely (6)
- 7 Clothes fastener (6)
- 11 Decorative strip of cloth (6)
- 12 Chilly food-preserving cabinet (6)
- 14 Liquid rising from a spring (5)
- 15 Foot and leg joint (5)
- 16 Walk with heavy steps (4)
- 18 Travel across snow (3)



Number tower

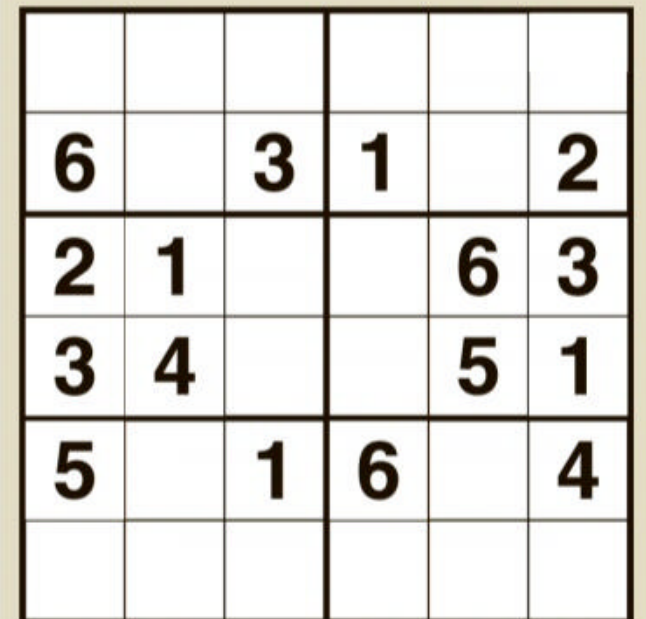
Place a number in every circle to complete the tower. The value in each circle is the sum of the numbers in the two circles directly beneath it.

ANSWERS CAN BE FOUND ON PAGE 29



Sudoku

Place the numbers from 1 to 6 exactly once in each row, column and 2x3 bold-lined box, to complete the grid.



Word jumble

Rearrange the scrambled letters to form four words *connected* with making things

R A P E R S C

E L U L Y P

A P R S T L E

E C A R P E R S N T



Spot the difference

These two pictures appear to be the same, but take a closer look. There are actually five differences. Can you spot them?





Man has a plan for giant crisp

A man is keeping hold of a giant Hula Hoop crisp, which is thought to be the world's largest, in case a museum wants it. Rowan Umland was eating a pack of salt and vinegar Hula Hoops when he found one crisp that was nearly 10 centimetres long. He said, "I did consider eating it for a split second because I was hungry, but I thought it might give people a laugh so I put it to one side." Umland is now holding on to the Hula Hoop, in case any collectors or museums might be interested in it, and has stored it safely inside a box.



"Crime cookies" help catch criminal

A bakery in the US has helped find a man who robbed them by printing his face on a batch of cookies. The Canfora Bakery in Milwaukee was burgled on 19 April. Their security cameras captured footage of the burglar, so to help find him the bakery's owners made cookies with his photo on them and invited people to "take a bite out of the thief." Thanks to their "crime cookies", he was soon identified.

Chocolatiers make edible artwork

Chocolate makers in Spain have created a life-sized version of Pablo Picasso's famous painting *Guernica*. The town of Guernica was bombed during the Spanish Civil War in 1937. This chocolate *Guernica* has been made to commemorate next year's 85th anniversary of that event. The chocolatiers used almost 500 kilograms of chocolate. It is currently on display in a specially chilled room at an art gallery in Spain's capital city, Madrid, and will later be taken on a tour across the country.



Real OR rubbish?



Bring billboards inside the car

New technology is being developed to bring billboard advertisements into cars. Large billboards on the side of the road advertise everything from fast food to clothing. However, one car manufacturer in the US thinks it's not enough to glimpse the advert as you drive past. They are developing a new system, which uses cameras to spot billboards and then show a matching ad on the information screen inside the car. This would make the ad visible to the driver and passengers for longer, and provide them with extra information about the product. Is this story real? Or are we trying to sell you a lie?*

*It's real! Car maker Ford believes that billboard advertising doesn't allow the driver enough time to see the details, such as phone numbers and email addresses. Critics say the new system could distract drivers.



Over to you

Editor's note

On 25 May 2021 it was one year since the terrible and tragic death of George Floyd in the US. You can read on page 2 about how he has been remembered and changes that have begun to happen in the US and UK, to tackle racism. Racism is when people are treated badly or unfairly because of their skin colour, culture or nationality. Anniversaries can be useful to think back to how we felt at a particular time and how we feel now. Last summer, it was inspiring to see people across the UK, from cities to towns and villages, gather and stand up to say that racism is not acceptable. It showed that so many of us share the values of fairness, and treating people the way we wish to be treated. Over the last year children and young people have been having conversations around racism and taking action. In November 2020, pupils in Bristol chose a new name for their school as they felt uncomfortable that it had been named after a person who played a key role in slavery, which made him very wealthy. One year on from George Floyd's death, let's not forget the changes we would like to see and continue to push for them to happen.

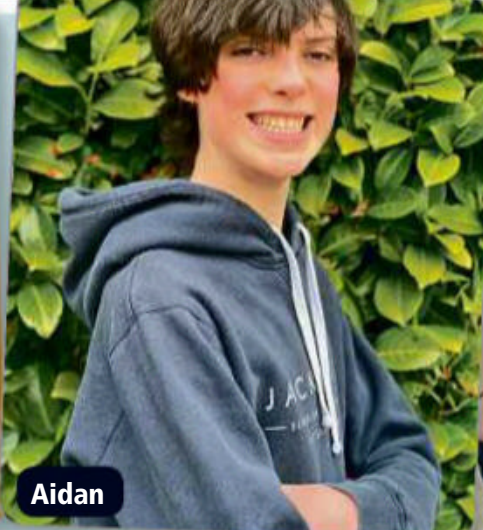


Rahul Verma

Deputy Editor



Jack



Aidan



Joshua

ScribblerZone's Young Journalist 2021 winners

The online writing club ScribblerZone recently announced the winners of its Young Journalist prize. Here's how the winners reacted to the news:

“It was amazing to receive the email telling me that I had won. I was really proud and excited! It has inspired me to keep writing and hopefully become a famous author when I am older.”

Joshua You can read Joshua's entry at tinyurl.com/TWJ-joshuaM

“I feel absolutely ecstatic, I'm practically bouncing off the walls of my house. For me to win something is a huge achievement, because I rarely win things. I am glad I won because my whole family has been

cheering me on through these tough times.

Once again, I am deeply grateful for my victory and thank you everyone!”

Jack Read Jack's entry at tinyurl.com/TWJ-jack

“I was delighted to find out I had won for my age category. It has given me a real confidence boost and taught me to have more faith in myself! I would like to thank the judges for choosing my article and I'm really grateful to ScribblerZone for providing young people with these fantastic opportunities.”

Aidan Read Aidan's entry at tinyurl.com/TWJ-aidan

What have you been up to lately? Which books have you enjoyed reading? What have you made? Have you written a poem or drawn a picture that you'd like to see published on this page? Whatever you have to show or tell us, get in touch at hello@theweekjunior.co.uk



JOKE OF THE WEEK
“How did the Roman Empire get divided?
With a pair of caesars!”
Suzi



CHARITY OF THE WEEK



School in a Bag

Millions of children are deprived of the basic equipment they need to go to school. This is where School in a Bag steps in, by sending rucksacks filled with life-changing resources to children in 49 countries. Each bag contains items like pencils, exercise books, and a lunch box. In areas where clean drinking water is not available, the bags also contain a drinking device that removes harmful bacteria, so that children can drink safe, clean water. To find out more, visit schoolinabag.org



GET INVOLVED

Children's Air Ambulance creative writing competition

The Children's Air Ambulance charity has unveiled its new mascots Blade and Peggy, and now they're on the hunt for a brilliant adventure story for their new recruits. If you're between six and 16-years-old, get creative and write a story about Blade and Peggy. Remember to include the Children's Air Ambulance in your story, which can be up to 500 words long. There are some great prizes to be won, including a tour of the Children's Air Ambulance helicopter, £50 in book tokens and having your story read on Facebook by a special guest. All entries must be submitted by the 18 June deadline. You can download a competition pack at tinyurl.com/TWJ-creativewritingcompetition



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GET INVOLVED

Email your news, views and pictures to hello@theweekjunior.co.uk

Over to you



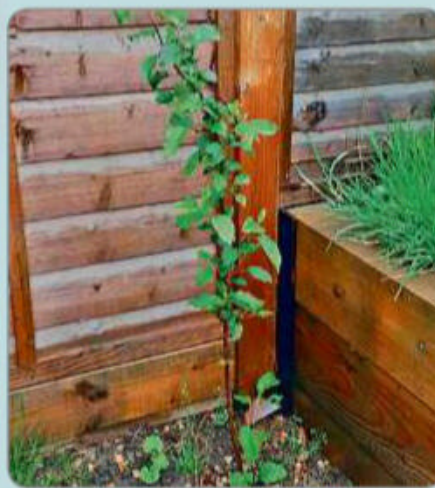
YOUR PHOTOS

We'd love to see your snaps. Send them to us at hello@theweekjunior.co.uk Don't forget to tell us why you took them.



"I did this Eid Mubarak painting, as we were celebrating the end of Ramadan. I got the idea because I love painting and watching the beautiful colours of the sky." **Safa**

"Recently we have been going to our allotment. So far we have planted peas, cucumbers and potatoes. I really enjoy going as it is so much fun spending time there!" **Aamna**



"I started with an apple pip and I've now got this tree. It's encouraged me to do some more gardening." **Arran**

POPJAM

Follow *The Week Junior* on PopJam @TheWeekJunior. You can download the PopJam app from the App Store or Google Play.

Last week, we asked whether ancient monuments should be altered.

"I think ancient monuments should only be altered if they are unsafe."

"No, because we should keep them how our ancestors left them."

"Ancient monuments should be preserved just as they are."

"They should be kept looking the same, such as by replacing bricks with similar ones."

Tell us what you think of this week's issue and we'll print some of the best comments here.

Teacher OF THE WEEK



Teacher's name: **Mrs Reed**

School: **Our Lady Queen of Heaven RC Primary School, London**

"I am nominating Mrs Reed because she has helped all of my classmates and myself, especially throughout the pandemic. As this is my last year in primary school, she tries her best for us to have lots of fun and a bright future ahead of us."

Gae

If we pick your teacher as Teacher of the Week, we'll send your school three free issues of *The Week Junior*. Send your nominations, along with a picture of your teacher and your school's full name and address, to hello@theweekjunior.co.uk



Puzzles page and quiz answers



0	7	1	7	6	5	8
7	8	8	13	11	13	
15	16	21	24	24		
31	37	45	48			
68	82	93				
150	175					
325						

Word jumble:
scraper, pulley,
stapler, carpenters.

4	6	2	9	4	
5	3	1	6	2	4
3	4	6	2	5	1
2	1	5	4	6	3
6	5	3	1	4	2
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1 (c) 20 million 2 True 3 Italy 4 (c) Wales 5 False, it's a sailing race 6 House sparrow 7 (a) 1978 8 False 9 Germany 10 (b) Phil Mickelson 11 Lewis Carroll 12 (a) FIFA 13 True 14 True 15 They printed his face on cookies

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THE WEEK Junior SHOW

If you've enjoyed this issue of *The Week Junior*, why not listen to our podcast, *The Week Junior Show*. This week, Bex from Fun Kids radio and members of *The Week Junior* team discuss Bike Week, a summer of play and Lucasfilm. Have a listen at tinyurl.com/TWJshow, or wherever you get your podcasts.



Quiz of the week

How much of this week's news can you remember?

1 How many Americans protested against racism last year?

- a) 30 million
- b) 2 million
- c) 20 million

2 True or false? One in three people in the UK owns a bicycle.

- True False

3 Which country won the Eurovision Song Contest?

4 Which country in the UK is about to trial universal basic income?

- a) England
- b) Scotland
- c) Wales

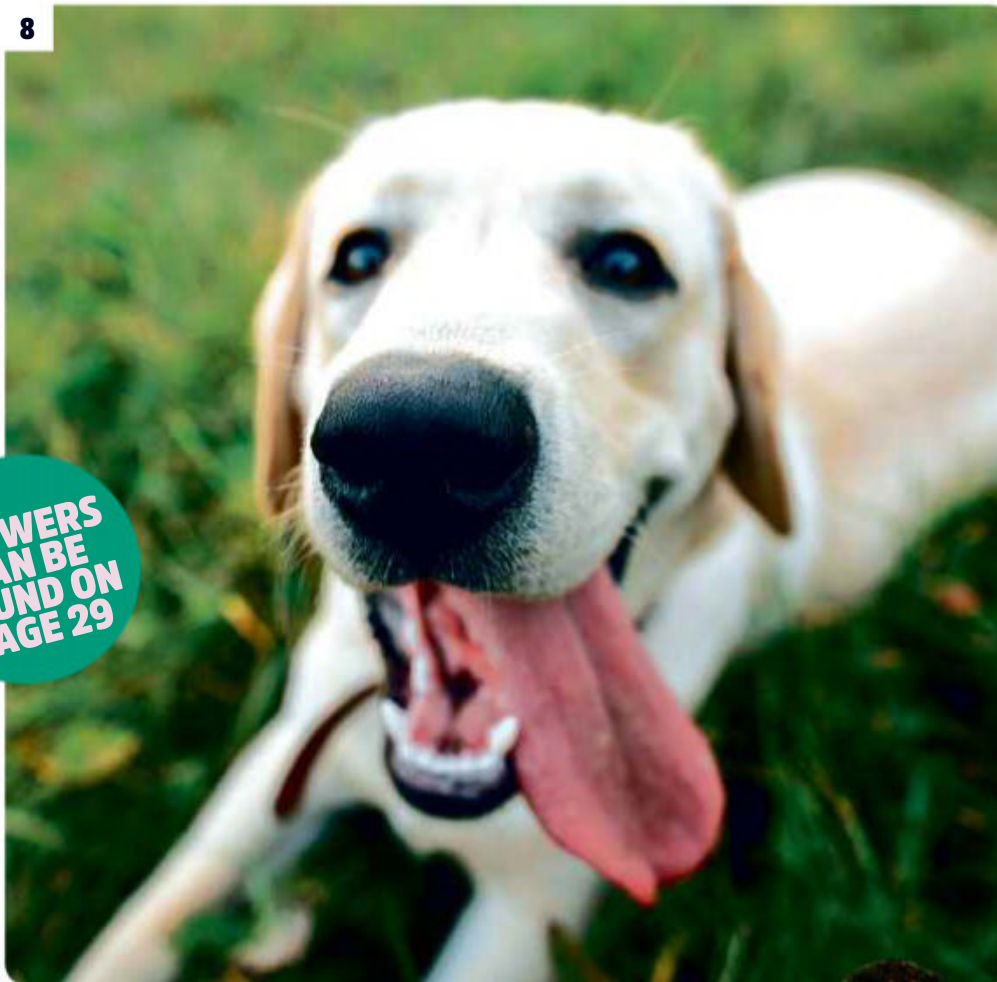
5 True or false? La Vendée Globe is a bicycle race around the world.

- True False

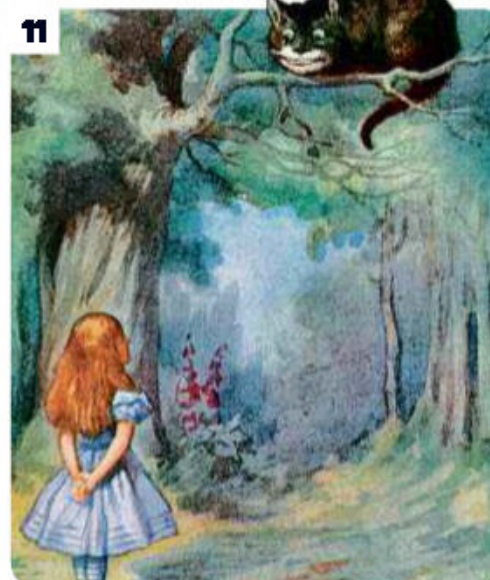
6 What is the most common bird in the world?

7 When was the first *Star Wars* film released?

- a) 1977
- b) 1978
- c) 1979



ANSWERS CAN BE FOUND ON PAGE 29



8 True or false? Labradors have the best sense of smell of all dogs.

- True False

9 In which European country is Berlin?

10 Who has just become the oldest winner of a major golf tournament?

- a) Adam Peaty
- b) Phil Mickelson
- c) Dina Asher-Smith

11 Who wrote *Alice's Adventures in Wonderland*?

12 What is the best-selling sports video game ever?

- a) FIFA
- b) Wii sports
- c) NBA 2K

13 True or false? David O'Doherty wrote *The Summer I Robbed a Bank*.

- True False

14 True or false? Max Woosey has slept outside since 29 March 2020 to raise money for charity.

- True False

15 How did a bakery catch the man who'd burgled it?

THE WEEK Junior

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Editorial: editorial@theweekjunior.co.uk
Subscriptions: subscriptions@theweekjunior.co.uk Annual subscription rate UK: £111.99; Europe £128.99; worldwide £144.49.
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