



Picture: Josephine Hedger climbing a tree at the European Tree Climbing Championship. **Source:** Arboricultural Association @ArbAssociation Twitter page.

Tree climbing champion

Josephine Hedger has expertly climbed her way to her sixth European Tree Climbing Championship win! The expert arborist, or tree surgeon, has claimed the title for the fifth time in a row! Each individual competitor completes five preliminary events, climbers are judged on speed, skill, and technique. The men and women with the top points then compete again on a second day, climbing a tree to reach marked points within a specific time.

The European Tree Climbing Championship (ETCC) described the event on its website as providing a competitive but educational opportunity for working arborists in Europe to demonstrate and exchange new climbing techniques and equipment, as well as safe work practices. The winners of the European competition held in Brussels, Belgium, go onto scale more trees at the world championships.

Hydrogen-powered passenger train

The world's first 100 percent hydrogen-powered passenger train has been launched! Coradia iLint trains, manufactured by French manufacturer Alstom, are now operating in Lower Saxony, Germany. Around half of Europe's railway network is electric, but some lines are too difficult to install overhead cables on. This has left diesel trains as the only option – until now! Alstom has stated that the hydrogen-powered trains only emit

steam and water and make very little noise. Henri Poupart-Lafarge, CEO and Chairman of the Board of Alstom said, "The world's first hydrogen train, the Coradia iLint, demonstrates our clear commitment to green mobility combined with state-of-the-art technology. We are very proud to bring this technology into series operation as part of a world premiere, together with our great partners."



Picture: The 100 percent hydrogen-powered passenger Coradia iLint train. **Source:** Alstom @Alstom Twitter

Chimps' 'signature' drum beat

A recent study has suggested wild chimpanzees communicate by showing off their 'signature' drum beats, through drumming on tree roots, with their own individual style! Scientists, who studied chimps in the Ugandan rainforest, found that the animals used their signature drumming rhythms to communicate with each other over long distances, revealing where they are, and what they are doing. Dr Catherine Hobaiter from the University of St Andrews explained that the wild apes use huge tree roots as a large wooden surface to drum on with their hands and feet, "If you hit the roots really hard, it resonates and makes this big deep, booming sound that travels through the forest. We could often recognise who was drumming when we heard them; it was a fantastic way to find the different chimpanzees we were looking for. So, if we could do it, we were sure they could too."



Pictured: A Chimpanzee. **Source:** Canva.

Last week's topic:

What can we do if we feel things aren't fair?



I think the best way is to make your point clear and find people who will listen. Show people the problem so they can see for themselves.

Jake

I understand people strike for a better pay check but the effect on the average person is massive.

Luca

Speak up and tell as many people as you can!

Candy

I think it doesn't matter how old you are your voice deserves to be heard!!

Chloe

Let us know what you think about this week's news?

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TAKEHOME



How can we help those in need who are far away?



In the news this week

Pakistan has had the heaviest rainfall in decades. The United Nation's (UN) Secretary General has urged the world to help Pakistan, after flood water covered a third of the country. Starting an appeal to help the tens of millions affected by the disaster, Secretary General Antonio Guterres blamed exceptionally high levels of rain and climate change. The flooding has affected over 30 million people in Pakistan as the heavy rains have washed away roads, people's homes, and farms. Emergency services have been pushed to their limits trying to rescue those stranded and evacuate them to temporary housing.

Things to talk about at home ...

- > Share any experience you have of floods or flooding, have there ever been floods in your local area? What did people do to help?
- > Although they are far away, can you think of ways that you can help others who are in need? What help do you think the people affected need the most?

Please note any interesting thoughts or comments

Share your thoughts and read the opinions of others

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