

# Three Eaglets! Happy Bird-Day little ones!

A loved and well-known duo of bald eagles are now proud parents, after their three eggs hatched recently in South California, USA. Jackie and Shadow, the mother and father eagles, have a nest in Big Bear Valley, which is watched by thousands daily via a live stream solar-powered camera. The pair have been inseparable since 2018, when Shadow took the place of Jackie's former mate, Mr B. They have tended to their eggs, waiting *eagle-y* for them to hatch. The baby eagles, which are called eaglets, emerged one by one and all three little birds are said to be doing well. 'Only about 50% of the eggs hatch so this is an amazing time getting all three of them to hatch', said Sandy Steers, the biologist who started the



**Pictured:** Shadow guarding the triplet eggs.  
**Source:** Friends of Big Bear Valley.

conservation project, 'Friends of Big Bear Valley'. Bald eagles were once at risk of extinction, so three eaglets are a huge cause for celebration, and show that efforts to protect wonderful species like these are so worth it! We'll sure be eagle-eyed to keep watching all their *egg-citing* adventures!  
**Watch a news report of the eaglets hatching [here!](#)**

# Talking Tomatoes? Let's have a ketchup!

Talking plants? That's *un-be-leaf-able!* But it's true! A recent discovery, by scientists at the Tel Aviv University in Israel, has found that plants create sounds, especially when they are stressed! Clicking and popping sounds were made by the tomato plants that underwent testing. The sounds are too quiet to be detected by the human ear but can be heard with special microphones which record the noises. Scientists used different tests, such as not watering and cutting the plants, and then used special equipment to see if the plants made any noise. 'The stressed plants – both dehydrated and injured – emitted



**Pictured:** Tomato Plants. **Source:** Canva.

dozens of sounds every hour.' said Dr. Lilach Hadany of the university. They were then compared with plants that were watered and cared for. The discovery is hoped to be able to help farmers. With climate change causing droughts, sound-detecting devices could be used to recognise when crops need more water or extra care. **Have you ever grown tomatoes?**

## How can we make connections with others?



We can can make connections with each other by doing art, crafts and spreading love.  
**Nad**

## Brave Bear

Three-year-old brown bear, Boki, has been described as 'looking brilliant, happy and healthy' when he woke from semi-hibernation. Keepers at Wildwood Trust Kent provided a health update on Boki, following his pioneering brain surgery last October. He became the first brown bear in history to undergo life saving brain surgery! The European brown bear was diagnosed with hydrocephalus, a condition where fluid builds up in the brain. His condition was causing him to have seizures, and they were getting worse. Staff and vets were concerned for his safety and decided to go ahead with the surgery. They have been keeping a very close eye on Boki and are pleased to report positively on his recovery.



**Pictured:** Boki relaxing in the chair that the keepers made for him.

**Source:** Wildwood Kent on Facebook.

'He's looking brilliant, happy and healthy and we haven't seen any negative signs from him. All his personality traits are still there - he's still the same old Boki that we love,' said head of bears, Jon Forde. 'Boki did well for his first ever winter sleep. He lost around 30kg - we think a lot of this because he's actually grown while he was asleep, so a lot of energy has been used for that.'

**Have you ever seen a bear?**

**Do you know any facts about brown bears?**



**Pictured:** Boki during his surgery.

**Source:** Wildwood Kent on Facebook.

## World's Biggest Underground Thermal Lake

The world's largest geothermally-heated underground lake is in Albania! The lake was discovered in 2021 by Czech scientists. Its size has just been confirmed during an expedition funded by the Neuron Foundation. Monika Řasa Vondráková, from the Neuron Foundation, said, 'This achievement underscores the importance of supporting scientists directly in the field, where their expertise and dedication lead to new discoveries. Expeditions like these are vital for advancing science and expanding our understanding of the world around us!' The hot lake contains more water than three and a half Olympic



**Pictured:** Lake Neuron.

**Source:** Nadace Neuron on Facebook.

swimming pools! It is 138 metres long and 45 metres deep. Marek Audy, a caver and scientist in the research team, explained why the study was important, saying, 'It's something that could have a huge impact on understanding underground ecosystems and geological processes. We want to look at other parts of the cave, learn more about the geology and biology of this area.'

**Do you know how thermal lakes are heated?**

### How can we make connections with others?



We can make connections with others by facing your fears and asking people to be your friend and showing kindness towards them.

**Eloise**