



'Fogbows' spotted across the UK

A rare weather phenomenon has been captured in stunning images, published by thrilled visitors to the east coast of England across social media. A fogbow is similar to a rainbow, produced by sunlight shining on fog. Fog is a cloud that touches the ground. Fog can be thin or thick,

“ The water droplets in mist are nearly always less than 0.1mm in diameter ”

meaning people have difficulty seeing through it. Fogbows are created by the same process of refraction and reflection that creates rainbows, but formed instead by the water droplets in fog, mist or cloud, rather than raindrops. The water droplets in mist are nearly always less than 0.1mm in diameter, much smaller than raindrops, which are typically 1–2 mm across. Due to the smaller water droplets, fogbows appear mostly white, with a red outer edge



Pictured: A stunning fogbow.
Source: BBC Weather Twitter page #WeatherWatchers uWhoAndyR.

and blue inner edge. BBC weather forecaster, Dan Holley, said: "...the low cloud and fog thinned along parts of our coast, allowing the sun to break through, while fog persisted inland. This created ideal conditions for fogbows."

Solar parks could boost bee numbers

Researchers at Lancaster University, who have been looking in to how we can help to support our ground-nesting bumblebee populations, have suggested that solar farms could be the perfect new home for the pollinators. They calculated that solar parks, managed as meadows, would support four times as many bumblebees as turfed solar parks. They could also provide other advantages: the owners of the parks that house solar panels would save on maintenance costs

as they would have less grass to mow. It is also estimated that the move could help farmers living in a 1km radius by boosting bee numbers on their land too. PhD researcher, Hollie Blaydes, says: "Our findings provide the first quantitative evidence that solar parks could be used as a conservation tool to support and boost pollinator populations. If they are managed in a way that provides resources [such as wildflowers], solar parks could become valuable bumble bee habitat."

Pictured: A typical Bee. **Source:** Canva





Pictured: Professor Homei Miyashita pictured with the TTTV. **Source:** Professor Homei Miyashita's Twitter page

Professor invents lickable 'Taste the TV'

Professor Homei Miyashita, from Meiji University School of Science and Technology in Tokyo, has developed a prototype 'Taste the TV' and hopes that people will soon be able to 'download and enjoy the flavours of the food from the restaurants they fancy'. The device, called Taste the TV (TTTV), is a 'lickable' TV screen that can imitate food flavours. The invention uses a carousel of 10 flavour canisters that spray out in different combinations to create the taste of a specific food. The flavour sample then

rolls on hygienic film over a flat TV screen for the viewer to try. Previously, Prof Miyashita and his students have produced several devices related to taste, including 'a fork that makes food taste richer'. A Meiji student demonstrated the TTTV, multisensory experience device by telling the invention she wanted to taste 'sweet chocolate'. An automated device repeated the order and after a few tries, the TV spritzed the sample onto a 'lickable' sheet. "It's kind of like milk chocolate," she said. "It's sweet like a chocolate sauce."

Last week's topic: Who are school performances for?



I think they are for children to learn how to be more confident.

Eve

I think they are for parents mostly! Some children are nervous.

Millie

I think that everyone can watch a school performance as it could make children feel happy as people are seeing their amazing talent. I also think everyone can see if they are having rough times and if they see children's smile it will make them have happiness.

Angela – age 9

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

 www.picture-news.co.uk/discuss

 help@picture-news.co.uk

 @HelpPicture

 Picture News Ltd,
Colber Lane,
Bishop Thornton,
Harrogate,
North Yorkshire, HG3 3JR

Share your thoughts and read the opinions of others

www.picture-news.co.uk/discuss

