



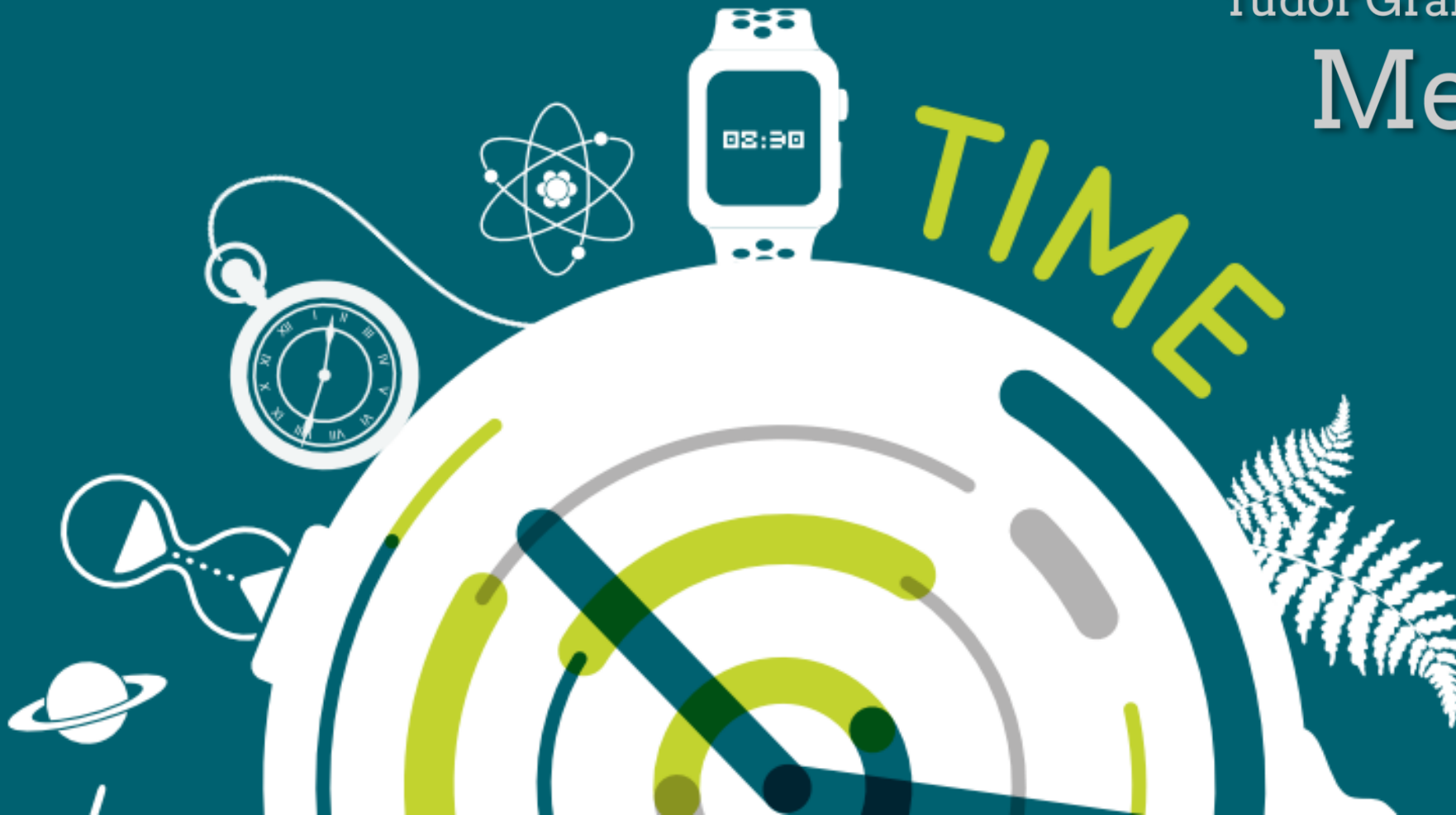
BRITISH
SCIENCE
WEEK

8-17 March 2024



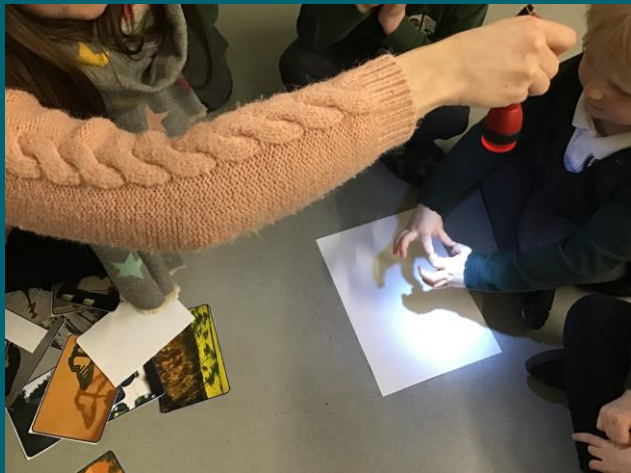
Tudor Grange Primary Academy

Meon Vale

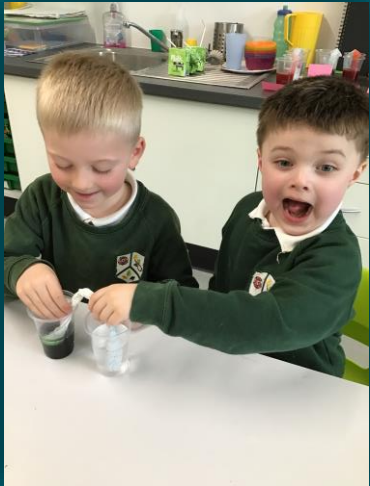


Nursery

Seedlings have been investigating shadows this week. We talked about where we had seen shadows and 'how they can follow you in the sun!' There has been little sun this week, so we made our own shadow puppet theatre with animals. We used a torch to help create the shadows. We had a lot of fun!



Reception



Hazel class have been experimenting with colour this week. We used 2 containers full of water then added different food colouring into each. We then waited to see how long it would take for the colours to travel up the tissue and mix.

It was a big surprise to see that when they mixed... we had a new colour!!!

Year 1



Willow class have made seasons wheels, during Science Week, to help us understand how trees change throughout the seasons and over time.

We also enjoyed a lovely woodland walk to identify what evergreen and deciduous trees look like during spring. Using our seasons wheels, we then discussed what the deciduous trees will look like come summer, autumn and then winter.



Year 2

What liquids do you need?

water
milk
salt water
vinegar ✓

What will you do with your gummy bear?

we will put the gummy bears in different liquids ✓

Prediction:

What do you think we will find out? Why do you think this? (?)

I think the water will make the gummy bear grow the biggest because like a sponge it soaks up the water ✓



Birch Class looked at 'change over time' and put gummy bears into different liquids to see how they changed. We made predictions about what changes might happen to the gummy bears.

We measured the size of the gummy bears and discovered that the vinegar made the gummy bear grow the most.

What changes have happened to your gummy bear?

	Length before the experiment	Length after 2 hours	Length after 1 day	Length after 2 days
Water	2 cm	2 cm	3 1/2 cm	4 cm
Salt water	2 cm	2 cm	2 cm	2 cm
Vinegar	2 cm	2 cm	3 1/2 cm	5 cm
Milk	2 cm	2 cm	3 cm	3 cm

	Width before the experiment	Width after 2 hours	Width after 1 day	Width after 2 days
Water	1 cm	1 cm	2 cm	2 cm
Salt water	1 cm	1 cm	1 cm	1 cm
Vinegar	1 cm	1 cm	2 cm	2 1/2
Milk	1 cm	1 cm	1 1/2	1 1/2

Conclusion:

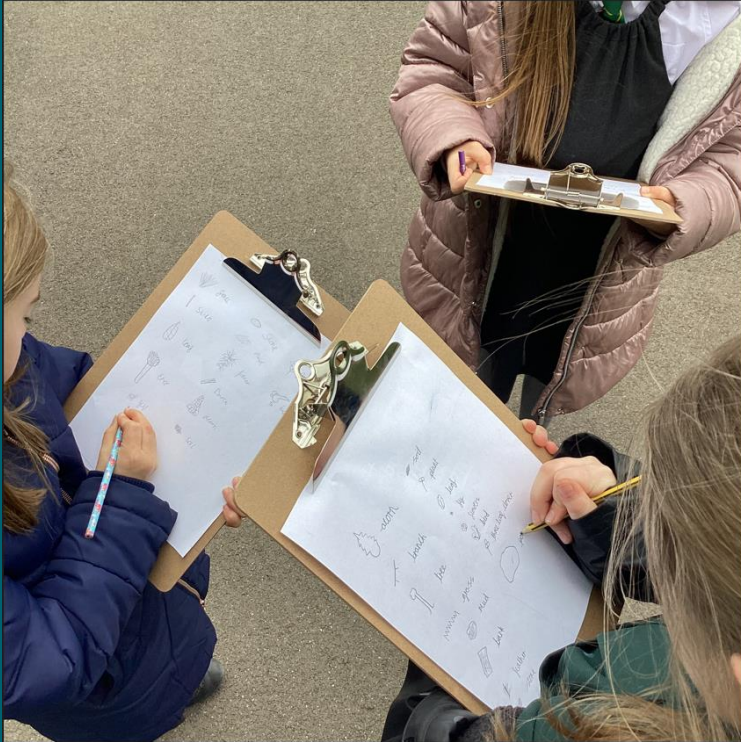
What did you find out?

Was your prediction correct? YES

NO



The water made the gummy bear grow a bit as well but the vinegar made it grow the most. The salt water did not do anything to the gummy bear. ✓



Pine Class looked at how nature in the UK is in trouble and realised that the future is in their hands!

They took action together to make a change and looked at ways that they could create a better future for nature on their school grounds.

Year 4

Spruce class looked at how sycamore seeds are dispersed and designed an experiment to see how the length of the seeds' wings affects the time they stay in the air. Pupils worked in groups to test different wing lengths using their own gyrocopter 'seeds' and created a graphs of their results. They found that the shorter the seed wing length, the shorter the amount of time in the air.

