

# Scientist Week January 2022

We started the week with an assembly all about scientists. We looked at how stereotypically children see scientists and the skills any scientist (just like them) need to have.

## Year 1 – Charles Macintosh

Predictions		
	water went	not through
PVA	15	4
Glue Stick	19	7
Cooking oil	17	9



The children investigated ways to make materials waterproof just like Macintosh did.

What we found out	
PVA	— no water went through
Glue stick	— most of the water went through
Cooking oil	— some water went through (some ran off the top)

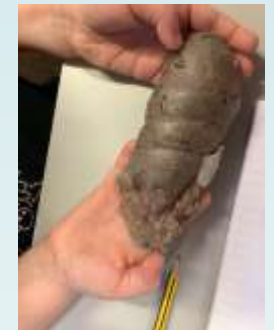
## Year 2 – John Dunlop



## Year 3 – Mary Anning



Year 3 explored and learned all about fossils. They even got to interview a scientist from Durham University who specialises in palaeontology.



Each year group was given a different scientist to learn about. They also took part in practical investigations linked to that particular area of science.

## Year 4 – Jane Goodall



Year 4 took part in a Zoom session with an expert on Jane Goodall. During the week, they also designed their own bags using recyclable materials and researched their favourite animals.

## Year 5 – Alexander Fleming

Year 5 had a fantastic afternoon with GSK, a large, local pharmaceutical company.



They created their own hand cream using an emulsifier to stabilize the formulation.

Year 5 also investigated the best conditions for yeast to grow.



Write a list of equipment.
Cup of yeast.
4 bottles
4 cups of sugar
1 funnel
A thermometer
4 balloons
a measuring cup

Describe what happened to each bottle.

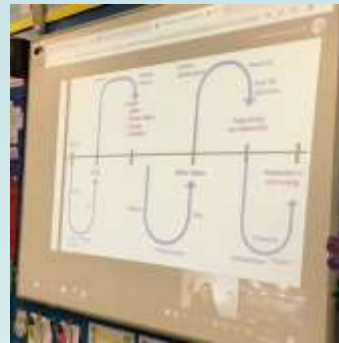
Bottle 1 The yeast sunk to the bottom and made the water cloudy.	Bottle 2 The yeast made carbon dioxide and made bubbles in the water. The balloon also blew up.	Bottle 3 Some of the sugar dissolved and some of it sank to the bottom.
Bottle 4 the yeast and sugar went hard and mixed.		



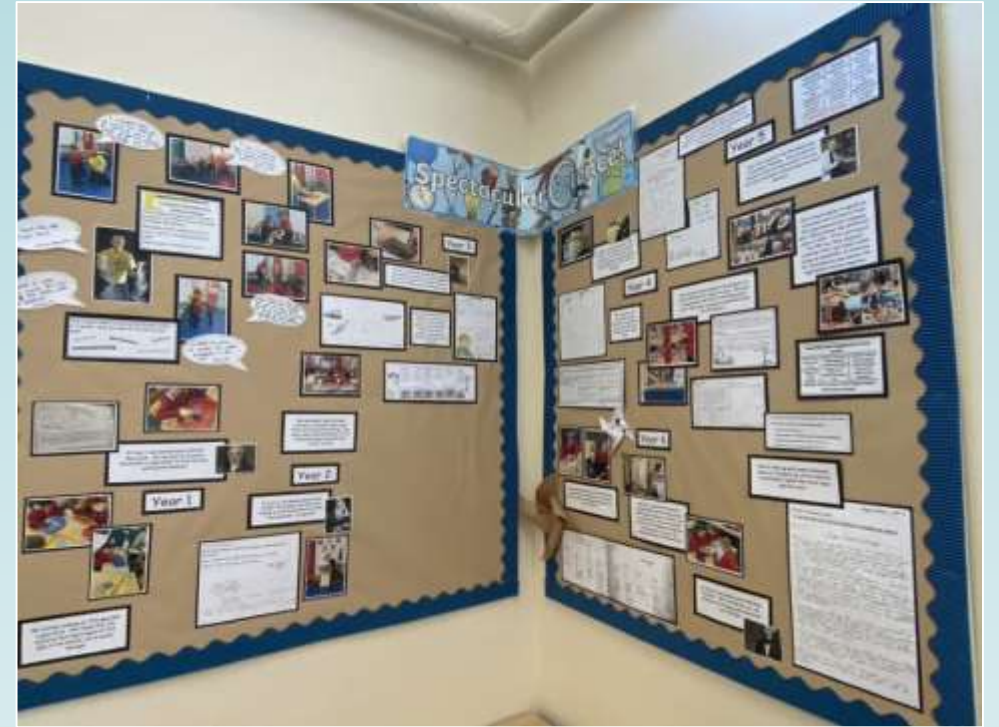


## Year 6 – Michael Faraday

Year 6 planned and carried out their own investigation to find the best wind turbine.



The children enjoyed an afternoon over Zoom with Dr Bains from Ecco Smart Schools. She talked about her job as a scientist, the use of wind turbines and the importance of renewable energy. The children were asked to come up with their own imaginative uses for used wind turbine blades. They had some great ideas!



We have a display to showcase all the amazing work from our science week.