



# Valley Primary School Science Day Newsletter

GROWING AND LEARNING TOGETHER TO BE THE BEST WE CAN  
BE!

ASPIRE...ENJOY...ACHIEVE...CHALLENGE!

April  
2024

Valley Primary School celebrated Science Day on Tuesday 12<sup>th</sup> March. We took part in a variety of Science activities throughout the day. Here are a just a few of the activities we took part in.

## Nursery

The children in Nursery became gardeners. They explored planting seeds in soil as well as cotton wool. The children will be observing the growth of their plants over the coming weeks.



## Reception

Reception planted their own bean seeds and discussed what plants needed to grow. They predicted that their beans would need soil, water and sunlight to grow healthily. They also decided that the beans needed time to grow. The children also looked at seasonal changes in trees and made their own seasons wheel.



## Year 1

Year 1 learnt about the life cycle of a frog. They drew the life cycle on a paper plate and then played a game of rock paper scissors to see who could turn into a frog first.



## Year 2

Year 2 explored the art of chromatography. They drew spots with felt tips on pieces of kitchen roll and noticed that when they dipped the kitchen roll in water, the water was absorbed and the colours spread upwards to create a rainbow. Some colours even changed colour! They also had a go at blowing painting.



## Year 3

Year 3 designed a new futuristic idea to make farming better. They researched different types of farming using laptops and gathered information to help create their own new farms. The children then used playdough to create their designs and wrote a short description on their whiteboards.



## Year 4

Year 4 used the iPads to research the theories behind the extinction of the dinosaurs. They investigated these theories and looked for evidence to present to the class. They then had a debate about which theory they believed.



## Year 5

Year 5 learned all about pendulums by making their own. They experimented with ways to slow down or increase its swing. Some of their pendulums were swinging for over 15 minutes before they stopped!



## Year 6

Year 6 looked at how Moths camouflage themselves to keep safe from predators and thought about how they had adapted to be most successful. They then created their own moth and tested their camouflage techniques on the playground.



## Home Experiments

Many children took part in the 'Experiment a Day' challenge. Here are some of the children completing their challenges at home. Well done to everyone who completed these experiments and earned house points for their house.



## Science Competition

Our Science competition this year was 'Inventors.' Well done everyone who took part this year. The Health Heroes had the difficult task of judging all the competition entries.

The winners are

EYFS- Isla

KS1- Isla

KS2 - Ayush

Esme