



Autumn 2022



Dear Families,  
At Oxbridge Lane we focus on feeding the fascinations of our pupils by providing experiences that will both engage them and excite them into finding out more.

Since September, the children have been working hard with their new and exciting science topics. We hope you enjoy taking a look at the science that has been investigated throughout school below.

Miss Cameron

### EYFS

In reception we have been focusing on ourselves. We have been talking about our senses and have been on a senses walk to discuss what we could hear, see, touch and smell. As well as this, we have also looked at our body parts and have played Simon says, the children have really enjoyed this activity. We have also looked at seasonal change and have been on an Autumn walk to Ropner park to look at the changes that have occurred. During our visit we collected lots of Autumn treasures.

### Year 1

In year 1, the children have been looking at animals including humans. They have enjoyed looking at a variety of animals including fish, amphibians, reptiles, birds and mammals. The children have finished their topic and can now group animals based on whether they are carnivores, herbivores or omnivores.

Year 2 have recently started to look at the different seasons.

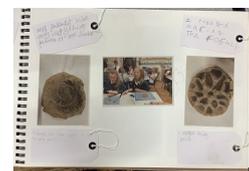


### Year 2

In Science, Y2 have started investigating materials. At the start of every lesson, the children watch Reach out Reporter, which is a news channel that informs children how science is been used in the world during that week. The children then develop their curiosity through activities on Explorify, such as Zoom In, Zoom out where the children look at something through a microscope and they have to guess what they are looking at. The children take part in lots of hands-on learning and are encouraged the information that is presented to them.

### Year 3

This half term, year 3 have thoroughly enjoyed making fossils as part of their science. They can now confidently describe how fossils are formed. Year 4 have also had the opportunity to look at real life fossils! Year 4 are looking forward to moving onto magnets and forces this half term.



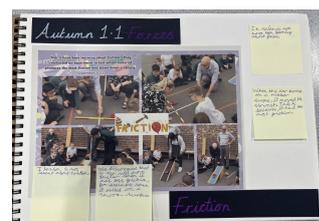
### Year 4

Science in Year 4 has been linked to Solids, liquids and gases. The children have taken part in lots of hands-on investigations, from how particles move in different states of matter to how a gas is made. We particularly enjoyed the lesson when we were able to be secret spies and we had to break our car free from the ice to save the queen. Year 4 are looking forward to learning about electricity this half term.



### Year 5

In year 5 we have been studying forces. We have enjoyed conducting experiments and investigations especially using the newton metres to measure forces and understanding gravity and air resistance. We have also carried out a spinner experiment, where we explored air resistance. When we had finished the experiment, we plotted out results in a line graph.



### Year 6

This half term, year 6 have been investigating electricity. They have developed their understanding of fair testing and can explain the effects of changing certain variables. Year 6's favourite experiment this half term was trying to light a light bulb using lemons. Year 6 are looking forward to investigating light this half term.

