

# SCIENCE

## What have we been learning about?



### Nursery

This term in Nursery, the children have been learning all about farm animals and their offspring. They explored what different animals produce, such as cows giving milk and chickens laying eggs. The children also learned about zoo animals and enjoyed using small world resources to create their own animal adventures. Alongside this, they explored different textures, using language such as hard

### Reception

In Reception this term, the children have been learning about animals and their habitats. They explored how animals adapt to their environments, including learning about camouflage and other special features that help animals survive. The children had an exciting visit from the mobile zoo, where they were able to see and experience animals up close in real life. In the provision, they enjoyed using small world resources to create different habitats and ani-



### Year 1

This term, our students explored the properties of materials like wood, plastic, glass, and metal through hands-on experiments, such as testing waterproof materials to protect Teddy Bear from water. They also investigated how materials are used in building structures, like testing wind resistance for house walls and waterproofing for roofs. Additionally, they learned about the seasonal changes in win-

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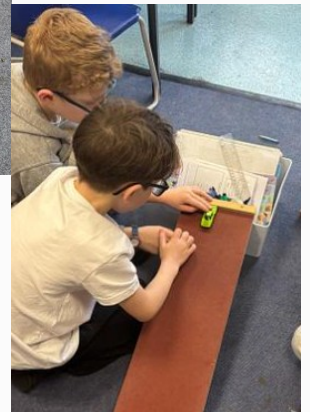


### Year 2

This term, students have been learning about maintaining a healthy lifestyle. They explored the basics of a healthy diet by identifying food groups and planning balanced meals using the Eatwell plate. They also investigated where food comes from, linking common products like eggs, milk, and vegetables to their sources. Additionally, they created their own workout routines after learning about the importance of exercise for keeping the body strong and healthy. Finally, they delved into personal hygiene, discovering why handwashing is essential in preventing

### Year 3

This term, students explored how forces like pushes, pulls, and friction affect movement. They investigated friction by testing how different surfaces impact the movement of toy cars, and conducted fair tests to measure the force needed to move objects. They also identified contact forces in everyday life, such as friction and brakes, and learned about non-contact forces like magnetism. Through hands-on ac-



### Year 4

This term, students learned about the characteristics of living things and how they can be grouped in various ways. They explored local habitats, observing and recording different plants and animals in their surroundings. Through investigations, they classified living things focusing on features like those of insects and arachnids. Students also made detailed observational drawings of local invertebrates to enhance their classification skills. In addition, they explored how changes in environments can pose dangers to



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<p>1. The names and symbols of the planets in our solar system 2. The order of the planets in our solar system</p>			
Mercury	My	• Closest to sun (1st)	• Name (2)
Venus	Ven	• Closest to sun (2nd)	• Name (3)
Earth	Earth	• Closest to sun (3rd)	• Name (4)
Mars	Mars	• Closest to sun (4th)	• Name (5)
Jupiter	Jup	• Closest to sun (5th)	• Name (6)
Saturn	Sat	• Closest to sun (6th)	• Name (7)
Uranus	Ura	• Closest to sun (7th)	• Name (8)
Neptune	Nept	• Closest to sun (8th)	• Name (9)

### Year 5

This term, students learned about the Earth's shape, planetary movement, and the solar system. They explored evidence for a spherical Earth, studied the planets and their order, and investigated the difference between orbiting and rotating. The class also examined day and night, the Moon's movement, and its phases, creating models and using activities like the Oreo Moon phases lesson to rein-

### Year 6

This term, students learned that light travels in straight lines and explored how we see objects because they reflect or give off light into our eyes. They created models to demonstrate how light travels and predicted which materials would make good reflectors. The class also investigated how the eye works by dissecting a sheep's or cow's eyeball, identifying its parts, and understanding their functions. Through hands-on experiments, they discovered how the eye protects itself and how light is reflected from



### Stem Week

During STEM Week, students had a great time exploring science through hands-on activities! Year 1 created colourful "Magic Milk," Year 2 learned about water filtration, Year 3 made giant bubbles, Year 4 explored chemical reactions with yeast, Year 5 tested acidic and alkaline liquids, and Year 6 dissected a

