


# Roding Primary Science Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Reception</b>	Children explore the world around them by observing, questioning, and exploring natural environments, developing a foundational understanding of plants, animals, seasons, and changes, which lays the groundwork for future scientific inquiry.					
<b>Year 1</b>	<b>Seasonal changes</b> Why are there so many leaves on the floor?	<b>Animals inc. humans</b> How are humans different to a hippo?	<b>Animals inc. humans</b> How are humans different to a hippo?	<b>Everyday materials</b> What could you use to make a hedgehog house?	<b>Plants</b> Do all plants look the same?	<b>Science Day</b>
<b>Year 2</b>	<b>Uses of everyday materials</b> Which materials were toys made out of in the past?	<b>Uses of everyday materials</b> Which materials were toys made out of in the past?	<b>All living things and their habitats</b> Why would a tiger not make a good pet?	<b>Animals inc. humans</b> Do all animals start life in an egg?	<b>Plants</b> Could a sunflower survive in the fridge?	<b>Science Day</b>
<b>Year 3</b>	<b>Animals inc. humans</b> How do you know that the person next to you is alive?	<b>Rocks and Soils</b> Are all rocks the same?	<b>Forces and Magnets</b> How do magnets help us in our everyday lives?	<b>Light</b> What would the world be like without light?	<b>Plants</b> How can a tiny seed become a big tree?	<b>Science Day</b>
<b>Year 4</b>	<b>Electricity</b> What would life be like without electricity?	<b>Sound</b> Do we all experience sound in the same way?	<b>Animals inc. humans</b> What happens to the food we eat?	<b>States of Matter</b> Could life on Earth survive without water?	<b>Living things and their habitats</b> How is a gorilla different to a shark?	<b>Science Day</b>
<b>Year 5</b>	<b>Earth and Space</b> What is the universe made of?	<b>Forces</b> Could we survive without forces?	<b>Living things and their habitats</b> Which life cycle is the most intriguing?	<b>Properties and changes of materials</b> Which materials would be the best for making a space suit?	<b>Animals inc. humans</b> How do humans develop differently to an elephant?	<b>Science Day</b>
<b>Year 6</b>	<b>Light</b> How does light travel from the sun?	<b>Electricity</b> How could access to electricity transform developing areas of the world?	<b>Animals inc. humans</b> Is the heart the most important organ in the body?	<b>Living things and their habitats</b> Could a penguin survive in the desert?	<b>Evolution and inheritance</b> What makes us human?	<b>Science Day</b>