

Science Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<p><u>Light & Dark</u></p> <p>What is the difference between night and day? What is the difference between light and dark? What is the difference between sun and moon? When do we sleep? When do we do our jobs? What tools can we use to work at night?</p>	<p><u>Seasons - Autumn</u></p> <p>What are the signs of Autumn? What can we see in Autumn? What happens in our school grounds in Autumn? What clothes should we wear in Autumn?</p> <p><u>Farm - Animals</u></p> <p>Where does our food come from? Why do we need food? What are different animals called? Do male and female animals have the same names?</p>	<p><u>Seasons - Autumn</u></p> <p>What are the signs of Autumn? What can we see in Autumn? What happens in our school grounds in Autumn? What clothes should we wear in Autumn?</p> <p><u>Farm - Animals</u></p> <p>Where does our food come from? Why do we need food? What are different animals called? Do male and female animals have the same names?</p>	<p><u>Seasons - Spring</u></p> <p>What are the signs of Spring? What can we see in Spring? What happens in our school grounds in Spring? What clothes should we wear in Spring? How is Spring different to Autumn and Winter?</p> <p><u>New Life</u></p> <p>What are baby animals called? How do animals grow? What is a life cycle? What happens in a life cycle?</p>	<p><u>Human Life Cycle</u></p> <p>What is a life cycle? Do humans have a life cycle? Where are we in the life cycle? How have we grown? How have we changed? Are the changes the same for males and females? How are we the same? How are we different?</p>	<p><u>Seasons - Summer</u></p> <p>What are the signs of Summer? What can we see in Summer? What happens in our school grounds in Summer? What clothes should we wear in Summer? How is Summer different to Autumn, Winter and Spring?</p> <p><u>Plants and Flowers</u></p> <p>What plants can we find in our school grounds? What flowers can we find in our school grounds? Can we grow our own plants and flowers? What do plants and flowers need to live?</p>
Year 1	<p><u>Plants</u></p> <p>What are the parts of a plant? Can you name different types of plants? How do trees survive in winter? Where can I find plants? Where can plants live?</p>	<p><u>Animals including Humans</u></p> <p>What are the parts of our body? What are our senses? Are there different kinds of animals? Do animals feed in different ways?</p>	<p><u>Everyday Materials</u></p> <p>What are objects made from? Can you name everyday materials? What are the properties of materials? Can you compare the properties of materials? Which materials would be best and why?</p>	<p><u>Light and Shadows</u></p> <p>Where does light come from? How can we make a dark place light? Where do we find shadows? Are all shadows the same? How can we stay safe in the light and dark?</p>	<p><u>Pushes and Pulls</u></p> <p>How do you move things? How can we make objects move further? How can we push heavy objects?</p>	<p><u>Seasonal Changes</u></p> <p>What is the weather like? What do you know about Autumn? What do you know about Winter? What do you know about Spring? What do you know about Summer? What changes happen in each season?</p>
Year 2	<p><u>Living Things and their Habitats</u></p> <p>What makes something living? Can you identify living, dead and non-living things? What is a habitat? How are living things suited to their own habitat? What is a food chain?</p>	<p><u>Uses of Everyday Materials</u></p> <p>What are things made from? Do different materials have different properties? Can we change the shape of materials? What are solids? What are liquids? What are gases?</p>	<p><u>Plants</u></p> <p>How do plants grow? What conditions do plants need to grow?</p>	<p><u>Animals including Humans</u></p> <p>What happens to our bodies as we grow? Do other animals grow in the same way as us? What so we need to live and be healthy? Why is it important to exercise? Why is it important to keep clean?</p>	<p><u>Sound</u></p> <p>What can we hear with our ears? Where did that sound come from? How is sound made? How does sound travel? How can we make sounds quieter?</p>	<p><u>Building Circuits</u></p> <p>Where do we use electricity in our home? How do we use electricity safely? What is a circuit? What are the parts of a circuit? Can you build a circuit?</p>