



# Curriculum Subject Overview 2021-22



## Science Autumn 2

	1	2	3	4	5	6
<b>Reception</b>	<b>Forces – How things move and work</b> Cause and effect					
<b>Year 1</b>	<b>Seasons</b> How do we know which season we are in?	<b>Seasons</b> What's the weather like?	<b>Animals</b> How can you sort animals into groups– how do you know?	<b>Animals</b> Are all animals the same? How could you describe their features?	<b>Animals</b> What do animals eat?	
<b>Year 2</b>						
<b>Year 3</b>	<b>Diet and Nutrition</b> What do I know about healthy eating?	<b>Diet and Nutrition</b> Why do living things need food?	<b>Diet and Nutrition</b> What are the different food groups and why do we need them?	<b>Diet and Nutrition</b> Do all animals eat the same food?	<b>Diet and Nutrition</b> What makes a healthy sandwich?	<b>Diet and Nutrition</b> Why do we need to eat a healthy diet? Assessment.
<b>Year 4</b>	<b>Sound</b> How are sounds made?	<b>Sound</b> How does sound travel to the ear?	<b>Sound</b> Are there patterns between the pitch of a sound and features of the object that produced it?	<b>Sound</b> Are there patterns between the volume of a sound and the strength of the vibrations that produced it?	<b>Sound</b> Do sounds get fainter as the distance from the sound source increases?	



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<b>Year 5</b>	<b>Properties of Materials</b> Can you identify and compare the properties and purposes of a variety of materials in your local area?	<b>Properties of Materials</b> Can you investigate the properties of different materials?	<b>Properties of Materials</b> Which material is the best insulator?	<b>Properties of Materials</b> How might you represent your findings from the data collected?	<b>Properties of Materials</b> How might you represent your findings from the data collected?	<b>Properties of Materials</b> Assessment and Knowledge Organisers
<b>Year 6</b>	<b>Light</b> What is a shadow?  How does light travel?	<b>Light</b> How does the position of a light source affect the size of a shadow?	<b>Light</b> How and why do we see the objects? Including the moon	<b>Light</b> Do some objects reflect more light than others? Can you think of anything you might have used or seen that uses angled mirrors to reflect light?	<b>Light</b> Can the speed of light change?	<b>Light</b> What colour is light?