

## Science SOW Overview

Completed by: Heather Emerson 2021

4 Core Curriculum Areas: **Biology** **Chemistry** **Physics** **Working Scientifically**

9 Core Knowledge Areas: **Plants** **Animals including humans** **Living things** **Habitats** **Materials** **Forces** **Light** **Electricity**  
**Scientific Enquiry**

Rocks, sound, states of matter, earth and space and evolution are begun in KS2 and continued in KS3 in depth.

\*Indicates a unit of study closely linked to our local area and our local community

Red is the Rising Stars Topic Name.

	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2
<b>Nursery</b>	Animals including humans <b>Biology</b>	<b>Plants</b> and Animals <b>Biology</b>	* <b>Plants</b> and Animals <b>Biology</b>	<b>Habitats</b> <b>Biology</b>	<b>Habitats</b> <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>
<b>Reception</b>	Animals including humans <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>	<b>Habitats</b> <b>Biology</b>	Animals including humans <b>Biology</b>	<b>Plants</b> and Animals <b>Biology</b>	Habitats <b>Biology</b>
<b>Year 1</b>	1. Who Am I? Animals including humans <b>Biology</b>	3. Polar Places Animals <b>Biology</b>	2. Celebrations Everyday Materials <b>Chemistry</b>	5. On Safari Animals and <b>Scientific Enquiry</b> <b>Biology</b>	4. Plants and Animals Where we Live. <b>Plants</b> <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>
Seasonal Changes Taught across the year						
<b>Year 2</b>	1. Healthy Me Animals including humans <b>Biology</b>	3. Squash, Bend, Twist, Stretch. <b>Materials</b> <b>Chemistry</b>	4. Our Local Environment * <b>Living things</b> and their <b>habitats</b> <b>Biology</b>	2. Materials Monster Use of everyday materials <b>Chemistry</b>	5. Young Gardeners * <b>Plants</b> and their <b>habitats</b> <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>
Seasonal Changes Taught across the year						
<b>Year 3</b>	1. Rocks, soils and fossils Rocks <b>Chemistry</b>	2. Food and our bodies Animals including humans <b>Biology</b>	3. Light and Shadows <b>Light</b> <b>Physics</b>	4. How Does Your Garden Grow? * <b>Plants</b> <b>Biology</b>	5. Forces and Magnets Forces and magnets <b>Physics</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>
<b>Year 4</b>	1. What's that Sound? Sound <b>Physics</b>	4. Teeth and Eating Animals including humans <b>Biology</b>	3. Looking at States States of matter <b>Chemistry</b>	2. Living Things * <b>Living things</b> and their <b>habitats</b> <b>Biology</b>	5. Power it Up <b>Electricity</b> <b>Physics</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>

<b>Year 5</b>	<b>3. Circle of Life</b> *Living things and their habitats <b>Biology</b>	<b>2. Material World</b> Properties of materials <b>Chemistry</b>	<b>4. Let's Get Moving</b> Forces <b>Physics</b>	<b>1. Out of this World</b> Earth and space <b>Physics</b>	<b>5. Growing up and Growing Old</b> Animals including humans <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>
<b>Year 6</b>	<b>4. Light</b> Light <b>Physics</b>	<b>5. Electricity</b> Electricity <b>Physics</b>	<b>2. Healthy Bodies</b> Animals including humans <b>Biology</b>	<b>1. Classifying Living Things</b> *Living things and their habitats <b>Biology</b>	<b>3. Evolution and inheritance.</b> Evolution and inheritance <b>Biology</b>	<b>Scientific Enquiry</b> <b>Working Scientifically</b>