



# Read St John's CE Science Topic Map

	Autumn	Spring	Summer
<b>EYFS</b>	<b>Seasons</b> <b>Weather</b> <b>Our body</b> <b>Magnets</b> To name some parts of the body To identify that certain metals are attracted to magnets.	<b>Animals</b> <b>Materials</b> Materials and their properties. Name and identify them as living things. Identify the diet of some animals	<b>Health/Growing</b> <b>Habitats</b> <b>Plants</b> Life cycles of plants and animals. Common features of a plant. Features of habitats. Experiments – changing conditions.
<b>Year 1</b> <b>Refer to KS1 WS Progress Matrix</b> Ongoing linked with Science- Nature & field journals-observations over time of seasonal changes, plants, weather & length of day.	<b>Seasonal changes</b> Light  <b>Everyday Materials</b> Everyday materials- naming of materials and their properties.	<b>Animals including Humans</b> Human body and senses.  Common animals other than humans and their basic structure.	<b>Plants</b>  Plants- basic structure and observing growth over time.
<b>Year 2</b> <b>Refer to KS1 WS Progress Matrix</b> Ongoing linked with Science- Nature & field journals-observations of plants & animals in their local environment throughout the year.	<b>Animals including Humans</b> Humans- what humans need to survive, human growth and exercise. Human health and nutrition	<b>Materials</b> <b>Changing materials</b> <b>Everyday materials</b> Uses of everyday materials- suitability of different materials for particular uses.  <b>Plants</b> Requirements for plant growth.	<b>Living Things and their Habitats</b> <b>Plants</b> Living things and habitats. Animal food  <b>Materials</b> Material properties and use of materials.

<p><b>Year 3</b>  <b>Light</b>  Ongoing- Standalone unit on light- shadows and reflections.</p>	<p><b>Rocks 1&amp;2</b>  Rocks and fossils.</p>	<p><b>Animals including Humans</b>  Nutrition, diet and movement and the skeleton.  <b>Forces</b></p>	<p><b>Plants</b>  Plants- functions or parts and plant growth.</p>
<p><b>Year 4</b>  Ongoing- Study and observe the changes of plants and animals in their habitats.</p>	<p><b>Electricity</b>  Electricity- series circuits, switches, conductors &amp; insulators.</p>	<p><b>Animals including Humans</b>  Teeth and the digestive system.  <b>Sound</b>  Sound- vibrations and soundwaves.</p>	<p><b>States of matter</b>  States of matter- solids, liquids &amp; gases.  <b>Living things and their habitats.</b>  Habitats- grouping and classifying plants and animals.</p>
<p><b>Year 5</b>  Ongoing- observe life cycles of plants and animals in the local environment throughout the year.</p>	<p><b>Properties and Changes of Materials</b>  Materials and properties- comparative/fair tests of everyday materials.  Materials- reversible &amp; irreversible changes.</p>	<p><b>Space</b>  Earth and space.  <b>Forces</b>  Forces &amp; falling objects.</p>	<p><b>Animals including Humans</b>  <b>Living things and their habitats</b>  Life cycle changes in animals &amp; plants; naturalists (eg David Attenborough)  Animals including humans- growth &amp; development of humans.</p>
<p><b>Year 6</b>  Ongoing- identify how plants and animals are suited to their environment and how they have adapt throughout the year.</p>	<p><b>Living Things and their Habitats</b>  <b>Evolution and Inheritance</b>  Evolution &amp; inheritance- adaption, survival of the fittest, reproduction &amp; passing on traits.  <b>Light</b>  Light- exploring the way light behaves including light sources, reflection, shadows.</p>	<p><b>Animals including Humans</b>  Animals including Humans exercise, health &amp; circulatory system.</p>	<p><b>Animals including Humans</b>  Classification including subdivisions for vertebrates &amp; invertebrates.  <b>Electricity</b></p>

**Pzaz scheme of work**

KLIPS to be used alongside this scheme. Focus on working scientifically and skills progressions documents.