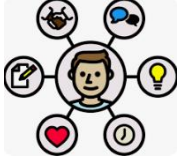


# YEAR 6 SCIENCE CURRICULUM

	<p>causal relationships, decimals, analyse, interpret, conclude, capacity, mass, approximate, justify, secondary source, evidence, duration, mean, calculate, method line graph, microscope, anomaly, anomalous result, control, control beaker, sieve, filtering, repeatability, accuracy, correlation, precision, angle, periscope, line graph, scatter graph, independent variable, dependent variable, controlled variables, duration, theory</p>	<p><b>Exposure words</b> causal relationships, decimals, analyse, interpret, conclude, capacity, mass, approximate, justify, secondary source, evidence, duration, mean, calculate, method</p>
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<b>6</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>
	<b>Living things &amp; Habitats</b>	<b>Electricity</b>	<b>Light</b>
<b>Key Learning</b>	<p>What conditions do living things need? How are living things classified? How and why do we classify living things? How are specific characteristics of living things used in classification? What is a micro organism? How are micro-organisms classified? Who was Carl Linneas?</p>	<p>How is a circuit constructed? What is a complete and incomplete circuit? How do components in a circuit function?</p>	<p>How do we see? What can you tell me about light and straight lines? How are shadows formed? Investigation What is refraction?</p>
<b>Skills</b>	<p>Answer Questions Draw Conclusions Gather, record &amp; classify data Present findings</p>	<p>Gather, record &amp; classify data Present findings Plan Take Measurements Evaluate</p>	<p>Answer Questions Draw Conclusions Gather, record &amp; classify Plan Take Measurements</p>
<b>Vocabulary</b>	<p>organism, excretion, reproduction, mollusc, arachnid, classification, coniferous tree, microorganism, bacteria, virus, fungi, characteristics</p>	<p>series circuit, voltage, current, complete circuit, incomplete circuit</p>	<p>retina, iris, pupil, lens, ray diagram, solar eclipse, refraction, medium, rainbow, prism, coloured filter, spectrum of light</p>

# YEAR 6 SCIENCE CURRICULUM

<b>6</b>	Spring 2	Summer 1	Summer 2
	Circulatory System	Evolution and Inheritance	Part of SRE - Diet, Drugs and Lifestyle
<b>Key Learning</b>	What is the circulatory system? What is blood and why do we need it? How does the heart work?	Variation Adaptation Fossils	Why is diet important? What effect do drugs have on us?
<b>Skills</b>	Ask Questions Answer Questions Draw Conclusions Make observations Present Findings Evaluate	Gather, record & classify data Answer Questions Make Conclusions Plan Present Findings	Answer Questions Make Conclusions Plan Take Measurements Evaluate
<b>Vocabulary</b>	circulatory system, blood vessels, arteries, veins, capillaries, red and white blood cells, lungs, plasma, oxygen, atria, ventricles, de/oxygenated blood	variation, species, inheritance, desirable characteristics, polar habitat, desert habitat, adaptations, evolution, common ancestor, natural selection, finch, Galapagos Islands, decompose, Charles Darwin, palaeontologist, Mary Anning	calories, un/saturated fats, trans fats, drug, painkiller, depressant, stimulant, cigarette, tar, nicotine, vape, carbon monoxide, addiction, heart rate
	