

# Charnwood Academy

National Curriculum Coverage



## Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<b>The world:</b> children know about similarities and differences in relation living things.	<b>The world:</b> children know about similarities and differences in relation to places.	<b>The world:</b> children know about similarities and differences in relation to materials- talk about changes.	<b>The world:</b> They talk about the features of their own immediate environment and how environments might vary from one another.	<b>The world:</b> They make observations of animals and plants	<b>The world:</b> children know about similarities and differences in relation to places
Years 1 & 2	1:3 <b>Everyday materials</b> - properties	1:4 <b>Seasonal changes</b>	1:2 <b>Animals including humans</b> – classifying/groups	2:2 <b>Plants</b> – seeds and growth	1:1 <b>Plants</b> – basic structure/types	2:2 <b>Plants</b> – seeds and growth
Years 3 & 4	4:4 <b>Sound</b> – how made and changes in pitch 🗣️	3:5 <b>Forces</b> - Magnets	3:3 <b>Rocks</b> – fossils and basic rock types	4:2 <b>Animals, including humans</b> - teeth, food chains, digestive system	4:5 <b>Electricity</b> – simple series circuits conductors and insulators	SC1
Year 5 & 6	5:3 <b>Properties and changes of materials</b> Compare, group, demonstrate	6:4 <b>Light</b> How we see things, light in straight lines.	6:5 <b>Electricity</b> Experiment, series circuits.	5:3 <b>Properties and changes of materials</b> Compare, group, demonstrate	5:4 <b>Earth and space</b> Solar system, night and day	5:2 <b>Animals, including humans</b> Growth and old age

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Years 1 & 2	2:4 <b>Uses of everyday materials</b> - suitability	1:2 <b>Animals including humans</b> – classifying/groups	1:2 <b>Animals including humans</b> – classifying/groups 2:1 <b>Living things and their habitats</b>	2:4 <b>Uses of everyday materials</b> - suitability	1:4 <b>Seasonal changes</b> 2:3 <b>Animals including humans</b> – growth, needs	2:2 <b>Plants</b> – seeds and growth
Years 3 & 4	4:2 <b>Animals, including humans</b> - food chains, digestive system	3:2 <b>Animals including humans</b> - nutrition and types of skeletons	3:4 <b>Light</b> – reflection and shadow formation	4:1 <b>Living things and their habitats</b> - Classification keys	3:1 <b>Plants</b> – parts and needs	4:3 <b>States of matter</b> - Solid , liquids and gases heating and cooling
Year 5 & 6	5:5 <b>Forces</b> Air resistance, friction, water resistance and gravity	6:1 <b>Living things and their habitats</b> classification	5:1 <b>Living things and their habitats</b> Classification and life cycles	SC1	6:3 <b>Evolution and inheritance</b> Adaptation, fossils, inheritance	6:2 <b>Animals including humans</b> Heart, exercise, blood and nutrients