Science: Curriculum Map

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Class	Year	Autumn	Spring	Summer
Willow (Y1 and Y2) 	A	Naming and grouping animals Seasonal changes: autumn and winter	Human body parts Identifying plants and their basic parts	Seasonal changes: spring and summer Everyday materials
	B	Uses of everyday materials Growing plants	New life Introduction to food chains	Living things and where they live Healthy me
Hazel (Y3 and Y4) 	A	Introduction to the digestive system States of matter and changing states	Simple electrical circuits Introduction to sound	Living things and the environment More about food chains
	B	Rocks and soils Introduction to the human skeleton	Simple forces including magnets Healthy eating	What plants do and what they need Introduction to light and shadows
Oak (Y5 and Y6) 	A	The human circulatory system Changing circuits	Keeping healthy Why we group and classify living things	Reproduction and life cycles: animals Light and how it travels
	B	Properties, changes and separating materials Forces including simple machines	Earth, sun and moon Reproduction and life cycles: plants	Reproduction and life cycles: animals Human development

I can do all things through Him who strengthens me.
Philippians 4:13

Science: Biology Threads

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BQ01 Biology: What are living things and what are they made of?	BQ02 Biology: How do living things grow and reproduce?	BQ03 Biology: How do living things live together in their environments?	BQ04 Biology: Why are there similarities and differences between living things?	BQ05 Biology: How do living things stay healthy?
Naming and grouping animals Human body parts Identifying plants and their basic parts Living things and where they live Introduction to the human skeleton and muscles What plants do and what they need Reproduction and life cycles: plants Reproduction and life cycles: animals The human circulatory system Why we group and classify living things	Growing plants New life Healthy eating What plants do and what they need Reproduction and life cycles: plants Reproduction and life cycles: animals Human development Why we group and classify living things Evolution and inheritance	Seasonal changes: autumn and winter Seasonal changes: spring and summer Introduction to food chains Living things and where they live Healthy eating Living things and the environment More about food chains Evolution and inheritance	Naming and grouping animals Human body parts Identifying plants and their basic parts Living things and the environment Reproduction and life cycles: plants Reproduction and life cycles: animals Why we group and classify living things Evolution and inheritance	Growing plants New life Healthy me Healthy eating Introduction to the human digestive system The human circulatory system Keeping healthy Climate change and sustainability

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Science: Chemistry Threads t

BQ06 Chemistry: How do we explain how substances behave?	BQ07 Chemistry: What are things made of?	BQ08 Chemistry: How can substances be made and changed?	BQ09 Chemistry: How can we explain changes in the air, land and oceans?
Everyday materials Properties, changes and separating materials	Everyday materials Uses of everyday materials Rocks and soils Introduction to states of matter and changing states Properties, changes and separating materials	Uses of everyday materials Introduction to states of matter and changing states	Rocks and soils

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Science: Physics Threads

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BQ10 Physics: Why do materials have different properties?	BQ11 Physics: How do forces make things happen?	BQ12 Physics: How do we see, hear and communicate?	BQ13 Physics: How do electricity and magnetism work?	BQ14 Physics: How does the Earth fit into the Universe?	BQ15 How can we live sustainably to protect Earth for a better future?
Everyday materials Uses of everyday materials Rocks and soils Introduction to light and shadows Introduction to states of matter and changing states Introduction to sound Properties, changes and separating materials Light and how it travels	Simple forces including magnets Forces including simple machines	Seasonal changes: autumn and winter Human body parts Seasonal changes: spring and summer Introduction to light and shadows Simple electrical circuits Introduction to sound Changing circuits Light and how it travels	Simple forces including magnets Simple electrical circuits Changing circuits	Seasonal changes: autumn and winter Seasonal changes: spring and summer Earth, Sun and Moon	Everyday materials Growing plants Rocks and soils Healthy eating Introduction to states of matter and changing states Living things and the environment Properties, changes and separating materials Keeping healthy Why we group and classify living things

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