



RICHARD TAYLOR
CHURCH OF ENGLAND PRIMARY SCHOOL

We achieve academic excellence by delivering a curriculum, rich in experiences, which stimulates and challenges all learners.

Science Topic Overview

YEAR A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Bish	Ongoing observations and planned opps through topics.					
Aire	Animals incl humans	Seasonal changes	Seasonal changes	Plants	Plants	Everyday Materials
Ribb	Animals incl humans (Yr 1 & Yr2)	Seasonal changes (yr1) Yr2 seasonal based investigations developing WS skills	Everyday Materials (yr1) Uses of everyday materials (yr2)	Plants (Yr 1 & Yr2)	Plants (Yr 1 & Yr2)	Living things and their habitats
Dent	Animals including humans		Uses of everyday materials		Plants	Living things and their habitats
Swale/Nidd	Forces	Electricity	Rocks	Light	Animals including humans	Our changing world (plants focus)
Cover	Living things and their habitats	Animals including humans	Rocks (Space context) Light	Forces	Electricity	Materials
Wharfe/Wens	Forces	Electricity	Light	Animals including humans	Living things and their habitats Including evolution and inheritance	Materials



Year B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Bish	Ongoing observations and planned opps through topics.					
Aire	Animals incl humans	Seasonal changes	Seasonal changes	Plants	Plants	Everyday Materials
Ribb	Animals incl humans (Yr 1 & Yr2)	Seasonal changes (yr1) Yr2 seasonal based investigations developing WS skills	Everyday Materials (yr1) Uses of everyday materials (yr2)	Plants (Yr 1 & Yr2)	Plants (Yr 1 & Yr2)	Living things and their habitats
Dent	Animals incl humans		Uses of everyday materials		Plants	Living things and their habitats
Swale/Nidd	Animals including Humans Teeth and digestion	Sound	Materials States of Matter		Plants	Living things and their habitats
Cover	Living things and their habitats (yr4 & 5)	Animals including humans	Earth and Space	Sound	Materials	Plants
Wharfe/Wens	Animals including humans	Earth and Space	Materials Properties Changing materials		Evolution and Inheritance	Living things and their habitats

The human impact of science will be a focus each year e.g using “Standing on the shoulders of Giants” PSTT materials, through local, regional, global environmental links and developing an understanding of how science supports other disciplines.



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Links with other areas of the Curriculum

Cross-curricular work offers a creative way to develop children's knowledge, skills and understanding while motivating them to learn through stimulating, interconnected topics. This provides opportunities to reinforce understanding through other subjects and appreciate the relevance of science in other disciplines.

Medium term planning allows staff to make relevant connections of transferable knowledge and skills.

For Example:

When writing to save the Nidd Gorge, children used the data they had collected in a Bio Blitz field study to show the diversity of the habitat and its importance to the local community.

The 'Standing on the Shoulders of Giants' lessons allows children to make relevant connections with the past and study history beyond the boundaries of the national curriculum.