St Bartholomew's School

Science Curriculum Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	Plants and Trees (observing plants and trees in the local area)	Push and Pull	Materials	Seasonal Changes	Classifying types of animals	Light and Dark
2	Plants (Planting and growing)	Animals including Humans (basic needs of animals and humans)	Materials (John Dunlop)	Materials – Water, steam and Ice. (Polar explorers)	Living Things: Habitats and Food Chains	Electricity
3	Plants (Parts of the plant and photosynthesis)	Comparing Different Animals	Rocks and Fossils	Forces and Magnets. (Greeks discovered Magnets)	Light (Thomas Edison)	Teeth and Nutrition
4	Animals, Humans and Food Chains	Electricity (Benjamin Franklin)	States of Matter (Amaldeo Avagadro)	Sound Leonardo Da Vinci discovered sound waves)	Plants, animals and Habitats	Friction
5	Life of animals and plants (David Attenbrough)	Animals and Humans: Birth, growth and old age.	Properties and Changes of Materials.	Sound Guido D'AREZZO invented musical notation	Earth and Space (Tim Peake)	Forces (Isaac Newton)
6	Evolution and Inheritance (Darwin, Wallace and Manning)	Living things and their Habitats	Animals including Humans (human circulatory system)	Animals including Humans (healthy life style, diet, exercise)	Electricity compare and give reasons for variations in how components function	Light (the idea that light travels in straight lines)