

Cedar Science Plan

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Forces and Magnets	Rocks and Soils	Teeth	Food and Nutrition	Plants	Living things and their habitats
Working Scientifically Asking scientific questions and deciding the best way to answer them Set up simple practical activities Making careful, systematic observations during practical activities Taking accurate measurements during practical work Use scientific language Record findings using drawings, simple diagrams, Discover patterns	Working Scientifically Working Scientifically Asking scientific questions and deciding the best way to answer them Set up simple practical activities Making careful, systematic observations during practical activities Taking accurate measurements during practical work Use scientific language Record findings using drawings, simple diagrams, Discover patterns to	Asking scientific questions and deciding the best way to answer them Set up simple practical activities Making careful, systematic observations during practical activities Taking accurate measurements during practical work Use scientific language Record findings using drawings, simple diagrams, Discover patterns Using results to draw simple conclusions linked to the original question/enquiry	Working Scientifically Working Scientifically Asking scientific questions and deciding the best way to answer them Set up simple practical activities Making careful, systematic observations during practical activities Taking accurate measurements during practical work Use scientific language Record findings using drawings, simple diagrams, Discover patterns	Working Scientifically Working Scientifically Asking scientific questions and deciding the best way to answer them Set up simple practical activities Making careful, systematic observations during practical activities Taking accurate measurements during practical work Use scientific language Record findings using drawings, simple diagrams, Discover patterns	To understand simple food chains

surfaces – develop an understanding of friction and its impact FM2- understand that magnetic forces can work at a distance whilst others need contact FM3 - observe how magnets attract and repel each other FM4 – observe how magnets attract some materials and not others FM5 – compare and group materials based on attraction to magnets FM6 – understand that magnets have two poles	conclusions linked to the original question/enquiry Use secondary sources to answer questions when it becomes apparent that this cannot be done by practical work Rocks R1 – compare and group together different kinds of rocks (including some from the locality) on the basis of appearance and simple physical properties R2 - be able to describe in simple terms how fossils are formed R3 – understand that soils is made from rocks and organic matter	To understand that humans have 2 sets of teeth To be able to identify and describe the different types of human teeth To understand the part played by teeth as the beginning of the digestive system To understand the functions of the different parts of the tooth To be able to describe the importance of healthy teeth and how to achieve this through good oral hygiene and dental check ups	Using results to draw simple conclusions linked to the original question/enquiry Use secondary sources of information where necessary To identify that animals, including humans, need the right types and amount of nutrition and that they cannot make their own food All animals need to take nutrition from what they eat	Using results to draw simple conclusions linked to the original question/enquiry Name the main parts of a plant – flowering plant, tree etc. Explore the main needs of plants to sustain healthy growth To understand that plants make their own food	
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