

At Cringleford CEVA Primary our Science curriculum aims to provide the children with an understanding of the world and how science changes our lives. **Working scientifically** will underpin the development of **scientific knowledge and conceptual understanding**, the children’s understanding of the **nature**, the **processes and methods of science** and the **uses and implications of science** today and in the future.

We endeavour to provide authentic science experiences which are based on answering scientific questions and solving problems. We ensure that opportunities are available to allow children to experience and develop all aspects of working scientifically: Observing changes over time; Looking for naturally occurring patterns and relationships; Identifying and classifying things; Researching using secondary sources and Comparative and fair testing. We want the children to become confident and skilful in the use of equipment and in taking measurements. This includes working with proper regard for their own safety and that of others, using safety equipment where necessary. They should become increasingly proficient and accurate in their ability to express results in a variety of forms, e.g. visual mathematical methods such as bar charts, graphs, tables, etc. and use ICT where appropriate. Furthermore, we encourage them to make cross curricular links to provide relevant contexts within these subjects.

	Autumn	Spring	Summer
Year 1	The Seasons Parts of Animals Comparing Materials	The Seasons Identifying Materials Types of Animals	The Seasons Plants Conclusion to Seasons work
Year 2	Living things Uses of materials	Materials: Changing Shapes Plants	Habitats Feeding and Exercise
Year 3	Parts of Plants and What Plants Need Movement and Feeding	Rocks and Soils Magnets and Forces	STEM project - Flight Light and Shadows
Year 4	Human Nutrition Sound	Changes of State Grouping Living Things	Electricity Dangers to Living Things
Year 5	Earth and Space Forces	Life Cycles Forces	Materials Separating Mixtures

Year 6	Light and Sight Our Bodies	Evolution and Inheritance Classifying Living Things	Changing Circuits Review and Celebration
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