



Key Skills
I can ask a question and investigate it using practical enquiries
I can ask a question and investigate it using fair tests
I can identify what to keep the same and what to change
I can use data loggers and thermometers to measure and record
I can take observations throughout an investigation
I can gather and record in different ways including with IT
I can use IT to produce tables and/or charts
I can use a bar chart to report my findings
I can record my findings using labelled drawings
I can report on my findings orally, in displays and in writing
I can use my results to draw conclusions
I can suggest how and why an investigation can be improved
Plants
I can identify and explain the purpose of parts of a flowering plant
I can explore the needs of different plants for life and growth
I can identify and explain the purpose of parts of a flowering plant
I understand wind and insect pollination
I can explain seed formation and dispersal
I can investigate how water is transported in plants
Animals, including humans
I can explain where animals and humans get nutrition from
I can identify the different types of food we need to be healthy
I can identify the main parts and purpose of my skeleton
I can explain what my muscles are and what they do
I can identify different types of food animals need to be healthy
I can identify the main parts and purpose of an animals skeleton
I can explain what an animals muscles are and what they do
Rocks
I can identify and group sedimentary and igneous rocks
I can compare the physical priorities of rocks
I know that rocks weather and erode
I know what soils are made from
I know what a fossil is
I know where to find fossils
Light
I know that I need light to see and that dark is the absence of light
I know that light is reflected from different surfaces
I can explore reflection using mirrors
I know how a shadow is formed when light is blocked
I can explore how the size and shape of shadows can change
I know that the sun can be dangerous and how to protect my eyes
Forces and Magnets
I know that some forces require contact between things, but others don't
I can compare how surfaces affect movement
I can predict if magnets will attract or repel depending on their poles
I can compare magnetic and non-magnetic materials
I can explore how magnetism will pass through most materials