



Bathampton Primary School
 Together on a learning adventure

Key Stage 2

Topics for Science

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 3	Rocks Compare Describe Recognise	Forces and Magnets Movement on different surfaces Friction Push and pull Floating and sinking	Forces and Magnets Air resistance Magnets	Animals including humans Identification and nutrition Skeletons and muscles	Plants Identification Function of parts Life cycle Requirements for growth Water transportation	Light We need light to see things Light can be reflected Sources of light How shadows change in size Know how shadows are formed
Year 4	Weather Micro climates Fair Testing	Electricity Identify appliances Construct circuits Switches Conductors and insulators	Sound How are sounds made? How the ear works Pitch Volume and distance	States of Matter Compare and group Changing materials when heated and cooled Evaporation and condensation	Animals including humans Digestive system Teeth Food chains	Living things and their habitats Grouping Identification Recognise how changes in an environment can pose a threat

Year 5	Living things and their habitats Life cycles Reproduction Animals Including Humans Changes from birth to old age	Animals Including Humans Changes from birth to old age Living things and their habitats Life cycles Reproduction	Earth and Space Movement of Earth and planets Movement of the moon Describe Earth, Moon and Sun Explain day and night	Forces Gravity Air resistance Levers and pulleys	Properties and changes of materials Compare and group Dissolving Solids, liquids and gases Uses of materials Reversible and irreversible changes	Properties and changes of materials Compare and group Dissolving Solids, liquids and gases Uses of materials Reversible and irreversible changes
Year 6	Living things and their habitats Classification of plants and animals Micro organisms	Animals Including Humans Circulatory system Impact of diet, drugs, exercise Transportation of nutrients	Evolution and Inheritance Fossils Similarities and differences of offspring Adaptation	Light Recognise that light appears to travel in straight lines How we see things Use the idea that light travels in straight lines to explain the shape of shadows	Electricity Associate brightness of bulb or loudness of buzzer with voltage Compare and give reasons for how components function Uses recognised symbols when drawing a diagram	