

Subject: Science



Links to other subject areas

<b>terms</b>	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 1</b>	<b>Animals</b> including Humans Seasonal Change	Everyday materials	Plants	Weather Seasonal Change	Scientists and Inventors	<b>Animals</b> including <b>Humans</b> Seasonal Change
<b>Other subject links</b>	Maths – classifying animals into groups English – labelling pictures to show parts of an animal’s body Art –creating drawings/paintings of Autumn trees Physical geography – identifying any seasonal weather patterns	DT – using a wide range of materials to make Art & Design – using a range of materials creatively to design and make products Maths – counting groups and types of materials	Geography – using fieldwork skills to find types of trees & plants around the school grounds Maths – data collection: counting numbers of trees around school English – labelling parts of a tree Art – creating pictures of plants or flowering plants	Maths – counting numbers of wet and dry days Physical geography – identifying seasonal and daily weather patterns Art –drawing or painting Spring trees	History- knowing about famous people and their achievements English – finding things out from books DT – exploring the invention of Lego Geography – exploring the invention of the wind turbine	English – labelling pictures to show the main parts of the human body Physical geography – identifying seasonal weather patterns Art –drawing or painting Summer trees
<b>Year 2</b>	Plants	<b>Living Things</b> and their Habitats	Materials	Living Things and their <b>Habitats</b>	<b>Animals</b> including <b>Humans</b>	<b>Animals</b> including Humans
<b>Other subject links</b>	Maths – collecting and recording data; measuring growth English – labelling parts of a plant or keeping a plant or seed diary Art – sketching, drawing or painting plants	Maths – handling data: comparing, classifying, sorting and grouping living and non-living things	DT – using a wide range of materials to make Art & Design – using a range of materials creatively to design and make products	Geography – using maps to locate different habitats; locating hot and cold areas of the world; naming the physical features of differing habitats	Sex education – knowing humans have offspring P.E – describing the importance for humans of exercise DT – describing the importance of eating the right amounts of different types of food	English – using books to find out about the life cycles of different animals and about basic animal needs for survival

<b><u>Year 3</u></b>	Rocks	Forces & Magnets	Light and Dark	Plants	Scientists and Inventors	Animals including Humans
<b><u>Other subject links</u></b>	Geography – describing physical features of rocks English – finding information in books Art & Design – creating drawings or sculptures of fossils Maths – collecting data about types of rocks and soil	English – writing explanations or reports of practical investigations and presenting their ideas	Maths – measuring size of shadows at different times of day; plotting points on a graph	Maths – investigating temperatures in which plants will grow healthily	History - developing understanding of British and world history	DT – understanding the need for the right types and amounts of nutrition; knowing that animals get nutrition from what they eat
<b><u>Year 4</u></b>	Electricity	States of Matter	Animals including Humans	Sound	Living Things and their Habitats	Working Scientifically
<b><u>Other subject links</u></b>	DT – understanding and using electrical systems in products they make	Maths – measuring temperature Geography – understanding the water cycle DT – observing changes when heating and cooling food	English - using secondary sources to find information or to answer their questions; creating labelled diagrams of the teeth or human digestive system Computing – using search technologies effectively to find information	Music – learning about sound, vibration, pitch and volume	Geography – naming living things in the local and wider environment	English – recording investigative and experimental activities Maths – gathering, recording and presenting data
<b><u>Year 5</u></b>	Living Things and their Habitats	Properties and Changes of Materials	Scientists and Inventors	Animals including <b>Humans</b>	Forces – levers and gears	Forces – gravity, air/water resistance
<b><u>Other subject links</u></b>	Sex education – understanding reproduction and life cycles	English – writing explanations or reports of practical investigations to include conclusions	History- developing understanding of British and world history	Sex education – understanding changes during adolescence and puberty	DT – using levers & gears in products that they make	History – finding out how Newton, Galileo, Hawking & Copernicus helped to develop the theory of gravitation

<b><u>Year 6</u></b>	Evolution and Inheritance	Earth and Space	Living Things and their Habitats	Animals including humans	Light	Electricity
<b><u>Other subject links</u></b>	History – recognising changes over time Sex education – knowing that living things produce offspring and showing some awareness of genetics/variation Geography – understanding how animals and plants are adapted to suit their environment	Computing – using search technologies effectively to find information English - using secondary sources to find information and to answer questions	Maths – recording data using scatter, bar and line graphs and creating classification keys	PSED - Recognising the impact of diet, drugs, exercise and lifestyle on the way our bodies function	Art – exploring the use and effect of light and shade in artwork History – knowing about historical advancements in the development of artificial & electrical light	DT – understanding and using electrical systems in products they make