

Year 6 Science

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6 Science	<u>Light</u> Pupils will recognise that light travels in straight lines and use this idea to explain how things are seen. They will look at the eye and how it works as well as how we see colours.	<u>Living things and their habitats</u> Pupils will describe how living things are classified by looking at characteristics and similarities and differences.	<u>Evolution + Inheritance</u> Pupils will recognise that living things have changed over time and how fossils help us to understand this process. They will identify how living things have adapted to suit their environment and the difference between adaptation and evolution.	<u>Electricity</u> Pupils will look at the effect of voltage on a circuit and design and carry out an experiment to investigate this.	<u>Animals including Humans</u> Pupils will look at the circulatory and digestive systems in detail and describe the functions of the main organs within the body. They will also look at the impact of exercise, drugs and lifestyle on the body and describe the way nutrients are transported around the body.	<u>Scientists and Inventors</u> Pupils will learn about famous scientists and inventors such as: Stephen Hawking, Libbie Hyman, Alexander Fleming, Mary Leakey and Steve Jobs.
<p>The pupils will 'work scientifically' throughout the year by planning and carrying out a variety of investigations. These will involve taking measurements, using scientific equipment, recording, analysing and presenting data and using test results to make predictions and compare data.</p>						