

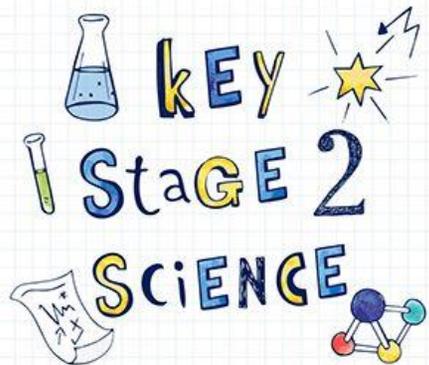
At Higher Failsworth Primary School we understand the need for all pupils to develop their Scientific ability as an essential component of all subjects and as a subject in its own right. A good understanding of scientific knowledge and conceptual understanding helps to support pupils work across the curriculum.

Early Years Foundation Stage

Pupils explore science topics through making predictions, using their senses and investigating materials and their properties. Science is taught through the strand of 'Understanding the World'. Science teaching and learning is also linked to the other strands of The EYFS framework for learning 2014. Teachers and teaching assistants support pupils to develop a solid understanding of things occurring around them in their day-to-day lives. Children are encouraged to be creative and inquisitive as they participate in activities. Pupils are encouraged to use their natural inquisitiveness, while taking part in exploratory play in specific scientific areas as well as areas that link across the EYFS framework.

During Key Stage one, pupils observe, explore and ask questions about living things, materials and the world around them. They begin to work together to collect evidence to help them answer questions, find patterns, classify and group objects, research using a variety of sources and carry out fair testing. Pupils use reference materials to find out more about scientific ideas. They share their ideas and communicate them using scientific language, drawings, charts and tables. Science lessons in Key Stage one are either taught discretely or where possible connected to other curriculum areas.





Children are encouraged to extend the scientific questions that they ask and answer about the world around them. Pupils carry out a range of scientific enquiries including: observations over time, pattern seeking, classifying, grouping and researching using other sources (including computing resources). Children in Key Stage Two learn to plan science investigations by only changing one variable to make it a fair test. Pupils in Key Stage two extend their scientific learning using the outdoor areas.

Our Science Topics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Ourselves and our senses	Light and Dark Materials	Animals including humans	Antarctica Habitats	Materials and their properties and uses	Growing plants and vegetables
Year 2	Materials Autumn changes	The Environment Winter Changes	Living Things and Habitats	Growing plants Spring Changes	Scientists and inventors	Animals including humans Summer changes
Year 3	Rocks and Fossils	Light and Dark	Animals including humans	N/A	Simple forces including magnetism	Plants
Year 4	Sound	Changing states	Power it up!	Power it up!	Humans and living things	Teeth and Eating
Year 5	Space	Space	Materials	Circle of Life	Lets Get Moving	Growing up and growing old
Year 6	Staying Alive	Let it shine	Electrifying	We're Evolving	Classifying Critters	Dinosaurs Hunters