

Intent: At Woodcock Hill Primary School, we follow the National Statutory Framework for EYFS and the National Curriculum for years one - six. We teach the knowledge, skills and understanding detailed in these documents through the three disciplines of biology, chemistry and physics. As children progress through the school, so does their knowledge and understanding of how to work scientifically. The main focus is that of developing scientific enquiry skills, which are taught throughout each of the contexts. This enables the children to develop their investigative skills of observing, questioning, fair testing, predicting, measuring, recording, analysing and concluding in a variety of situations.

Alongside this, through building up a body of key foundational knowledge and concepts, pupils are inspired to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. They are encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes with an emphasis on a respect for evidence.

Through practical science work each child's gains greater understanding through first-hand experience and encourages confident and safe use of equipment and resources, development of investigative skills, co-operation, enquiring minds and the enjoyment of discovering surprising results

Curriculum Area Map

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YR	Understanding of the World – The Natural World		Understanding of the World – The Natural World		Understanding of the World – The Natural World	
Y1	Parts of the Body The Senses	Animals, including Humans. Classification.	Everyday Materials	Seasonal Changes	Plants	Animals, including Humans.
Y2	Materials Plants	Sound	Living Things and Their Habitats	Materials	Plants	Animals, including Humans
Y3	Forces and Magnets		Rocks	Plants	Animals, including Humans	Light
Y4	States of Matter	Living Things and Their Habitats	Animals, including Humans – Digestive System	Food Chains	Electricity	Sound
Y5	Properties and Changing Materials	Earth and Space	Living Things and Their Habitats – Life Cycles	Living Things and Their Habitats - Plants	Forces	Animals, including Humans – Human Development
Y6	Evolution and Inheritance	Living Things and Their Habitats	Animals, including Humans – Circulatory System	Animals, including Humans – Nutrition	Light	Electricity