



Science at NHFS

The national curriculum for science aims to ensure that all pupils: develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics; develop an understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them; are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future. Science is a way for children (and grown ups!) to gain knowledge about how and why things happen the way they do by using, both our senses to observe the world and experiments to then investigate how it works. It is vital that, at New Hartley First School, we are able to raise awareness of STEM subjects and career options, inspiring the next generation into the world of STEM. This is of particular relevance to our locality, given the commitment to the generation of renewable energy in the region. Given the North East skills gap in STEM careers, it is vital that we are able to empower our children with the aspirations which will allow them to break gender and socio-economic stereotypes.



	Autumn	Spring	Summer
Year 1	Properties of Materials Seasonal Change (Summer/Autumn)	Plants Seasonal Changes (Winter/Spring)	Animals Including Humans
Year 2	Materials and Their Uses	Animals Including Humans Plants	Living Things and their Habitats
Year 3	Rocks Light and dark	Forces and Magnets	Plants Animals Including Humans
Year 4	Sound States of Matter	Electricity	Living Things and Their Habitats Animals Including Humans