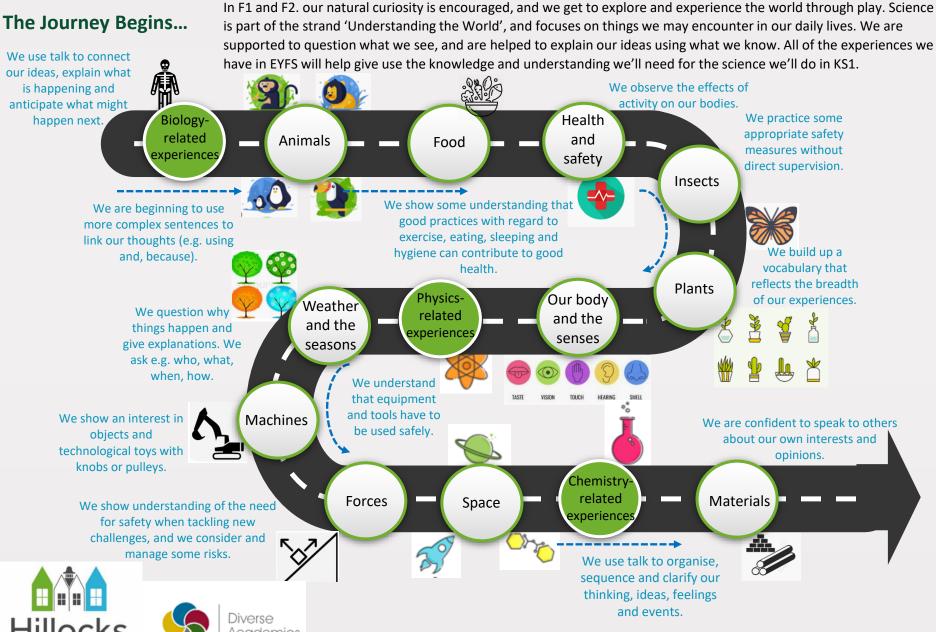
What does Science look like in EYFS?

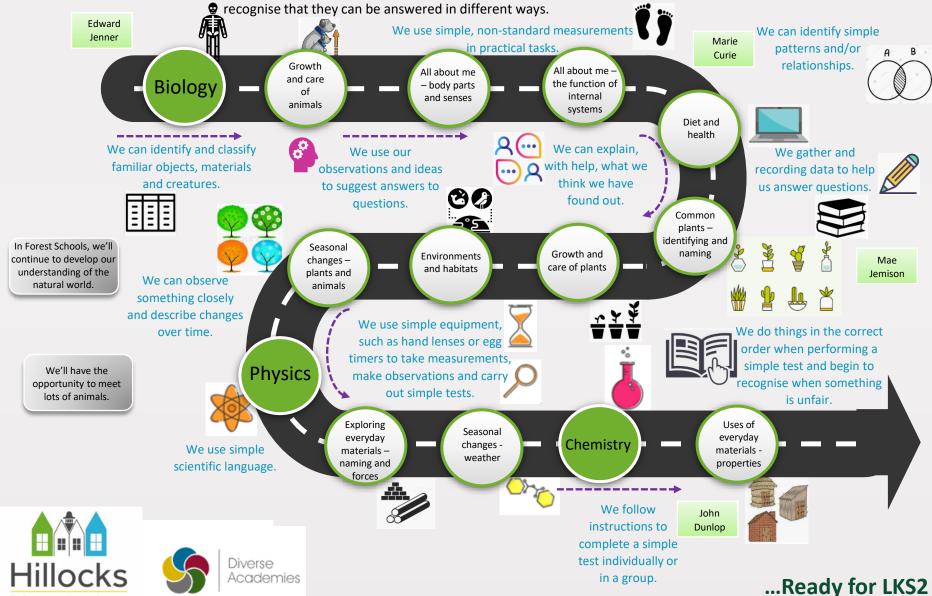
Primary Academy



What does Science look like in KS1?

Primary Academy

In Years 1 and 2, we realise that science is how we come to understand the world around us. We learn about things we experience everyday, such as our bodies, the natural world and materials. We are taught to observe objects, materials and living things carefully and we describe what we see. We ask simple questions about the things we notice and we



What does Science look like in LKS2?

investigation.

Academies

Primary Academy

In Years 3 and 4, we become accurate and careful observers and recorders of both our investigations and findings. We The Journey Continues... know a range of ways our scientific questions can be answered, and we're supported to test out our own ideas. We learn how to create tables and graphs of our data, and can write clearly about what we've experienced and noticed during class enquiries. We begin to see patterns and We can discuss enquiry methods relationships between ideas and Louis and describe a fair test. information. Pasteur Food and What makes Life We record our findings using simple us? - brain, digestion cycles of Biology scientific language, drawings, muscles, (including plants skeleton teeth) labelled diagrams, keys, bar charts, Nature and the and tables. environment -Rachel Q We ask relevant questions and are human impact We use our prior We can set up simple practical Carson supported in carrying out different knowledge to pose enquiries, comparative and fair tests types of scientific enquiries to We make systematic and questions, independently, careful observations. answer them. about the world around Classifying us. living things We can create our own simple **Anders** and their Celcius habitats Electricity keys. **Physics** Light – simple We take accurate measurements circuits using standard units, using a range of equipment, including We can make decisions We can identify We use straightforward thermometers and measuring about how to carry out differences, similarities scientific evidence to answer cylinders. enquiries, including or changes related to questions or to support our Sound recognising when a fair test simple scientific ideas findings. is necessary and begin to and processes. identify variables. We can draw, with help, a simple States of **Forces** Rocks conclusion based on evidence from matter - solids, Chemistry and the rock an enquiry or observation. liquids, gases magnets cycle Albert Einstein We can gather, record, We make classify and present data in decisions about We use recorded data to a variety of ways to help us make predictions, pose what to observe answer questions new questions and suggest during an Diverse

improvements for further

enquiries.

...Ready for UKS2

What does Science look like in UKS2?

Primary Academy

The Journey Continues... In Years 5 and 6, we become independent scientists. We learn to use our prior knowledge to create hypotheses, thinking carefully about what we already know and applying knowledge of increasing complexity. We have reached the point in our journey where we will make our own decisions about how to investigate and present a range of scientific concepts.

