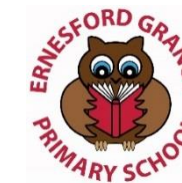


Science National Curriculum – Statutory Content

Year 1



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 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.

Year 1 - Statutory Programmes of Study

Working Scientifically	Plants	Animals including Humans	Everyday Materials	Seasonal Changes
<p>During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:</p> <ul style="list-style-type: none">▪ asking simple questions and recognising that they can be answered in different ways▪ observing closely, using simple equipment▪ performing simple tests▪ identifying and classifying▪ using their observations and ideas to suggest answers to questions▪ gathering and recording data to help in answering questions.	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ identify and name a variety of common wild and garden plants, including deciduous and evergreen trees▪ identify and describe the basic structure of a variety of common flowering plants, including trees.	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals▪ identify and name a variety of common animals that are carnivores, herbivores and omnivores▪ describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)▪ identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ distinguish between an object and the material from which it is made▪ identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock▪ describe the simple physical properties of a variety of everyday materials▪ compare and group together a variety of everyday materials on the basis of their simple physical properties.	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ observe changes across the four seasons▪ observe and describe weather associated with the seasons and how day length varies.