



## Year 3 Science Key Objectives

### Taken from the National Curriculum

#### 1 Setting up simple practical enquiries, comparative and fair tests

2	Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
3	Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
4	Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
5	Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.
6	Identify that humans and some other animals have skeletons and muscles for support, protection and movement.
7	Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
8	Notice that light is reflected from surfaces
9	Find patterns in the way that the sizes of shadows change.
10	Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials

## Year 3 Science Key Objectives

### Summarised form

#### 1 Set up simple fair tests

2	Collect and present data from scientific experiments
3	Use results from experiments to draw simple conclusions or suggest improvements
4	Describe the main requirements for plant growth (air, light, water, nutrients from soil, and room to grow)
5	Explain the main stages of plant reproduction (pollination, fertilisation, seed dispersal)
6	Explain some functions of skeletons and muscles in animals
7	Identify the three main rock types and describe their properties
8	Notice that light is reflected from surfaces
9	Find patterns in the way that the sizes of shadows change.
10	Group materials according to their magnetic properties

