

## Key Stage 1

### Year 1

- To describe the simple physical properties of a variety of everyday materials (materials)
- To compare and group together a variety of everyday materials on the basis of their simple physical properties. (Materials)
- To observe changes across the four seasons (Seasonal Change)

### Year 2

- To identify and compare the suitability of a variety of everyday materials. (Materials)
- To find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Materials).

## Lower Key Stage 2

### Year 3

- **To compare how things move on different surfaces (Forces).**
- **To notice that some forces need contact between two objects, but magnetic forces can act at a distance (Forces).**
- **To observe how magnets attract or repel each other and attract some materials and not others (Forces).**
- **To compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and To identify some magnetic materials (Forces).**
- **describe magnets as having two poles**
- **To predict whether two magnets will attract or repel each other, depending on which poles are facing (Forces).**

## Upper Key Stage 2

### Year 5

- To compare and group together everyday materials on the basis of their properties (Properties of Materials)
- To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials (Properties of materials)
- **To explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object (Forces)**
- **To identify the effects of air resistance, water resistance and friction, that act between moving surfaces (Forces)**
- To describe the movement of the Earth, and other planets, relative to the Sun in the solar system (Earth and Space)
- To describe the movement of the Moon relative to the Earth (Earth and Space)

Progression in learning  
about Forces