

Information for Parents/Carers

Science Targets

A Year 1 Scientist

Working scientifically

(Y1 and Y2)

I can ask simple scientific questions.

I can use simple equipment to make observations.

I can carry out simple tests.

I can identify and classify things.

I can suggest what I have found out.

I can use simple data to answer questions

Biology

Plants

I can name a variety of common wild and garden plants.

I can name the petals, stem, leaf and root of a plant.

I can name the roots, trunk, branches and leaves of a tree.

Animals, including humans

I can name a variety of animals including fish, amphibians, reptiles birds and mammals.

I can classify and name animals by what they eat (carnivore, herbivore and omnivore).

I can sort animals into categories (including fish, amphibians, reptiles, birds and mammals).

I can sort living and non-living things.

I can name the parts of the human body that I can see.

I can link the correct part of the human body to each sense.

Chemistry

Everyday materials

I can distinguish between an object and the material it is made from.

I can explain the materials that an object is made from.

I can name wood, plastic, glass, metal, water and rock.

I can describe the properties of everyday materials.

I can group objects based on the materials they are made from.

Physics

Seasonal changes

I can observe and comment on changes in the seasons.

I can name the seasons and suggest the type of weather in each season.

Exceeding Year 1 Expectations

I can find out by watching, listening, tasting, smelling and touching.

I can talk about similarities and differences.

I can explain what I have found out using scientific vocabulary.

I can make accurate measurements.

I can classify animals according to a number of given criteria.

I can point out differences between living things and non-living things.

I can say why certain animals have particular characteristics

I can sort some plants by those that can be eaten and those that cannot.

I can sort some animals on a simple branching diagram with features such as meat eaters and non-meat eaters; can swim and cannot swim.

I can explain what happens to certain materials when they are heated or cooled, for example, bread, ice, chocolate, jelly, etc.