



Y3 Science Assessment

Working Scientifically

I can talk about criteria for grouping, sorting and classifying, and use a simple key

I can identify differences, similarities or changes to simple scientific ideas and process

I can record findings using simple scientific language, drawing, labelled diagrams, keys, bar charts and tables

I can gather, record, classify and present data in a variety of ways to help answer questions

Plants

I can describe the process of pollination

I can describe how seeds are dispersed

I can describe how water is transported through a plant

I can identify the requirements of a plant for life and growth

I can describe how the structure of the plant links to its function

I can describe the functions and different parts of a flowering plants

Animals, including humans

I can describe what would happen if a human did not have a skeleton

I can identify animals with and without skeletons

I can describe the function of muscles in humans

I can describe the function of a skeleton in humans

I can research and design my own balanced diet using different food groups

I can describe why animals need the right type and amount of nutrition

I can identify that animals, including humans, get their nutrition from what they eat

Rocks

I can observe how rocks change over time

I can research the different kinds of living things whose fossils are found in sedimentary rock

I can describe how soils forms

I can describe the fossils I have observed

I can describe how fossils are formed

I can compare different kinds of rocks based on their simple physical properties

I can compare different kinds of rocks based on their appearance

I can identify the suitability of everyday materials for particular uses

Light

I can find patterns in the way that the size of shadows change

I can investigate how the size of shadows change

I can recognise how shadows are formed when a solid object blocks the light

I can describe how light from the sun can be dangerous and the ways that I can protect my eyes

I can describe what happens when light hits a mirror

I can describe what happens when there is an absence of light

I can recognise that we need light in order to see things

Forces and Magnets

I can predict whether two magnets will repel or attract on their poles

I can describe how magnets have two poles

I can investigate how magnets attract some materials and not others

I can observe how magnets attract and repel each other

I can describe how pushes and pulls can alter the movement and speed of an object

I can investigate that some forces need contact between two objects e.g. push and pull

I can describe how objects move on different surfaces