

# KEY STAGE 1 SCIENCE KEY ASSESSMENT OVERVIEW

## YEAR 1

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<b>Working Scientifically:</b>	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.
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<b>Biology - Plants:</b>	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.
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<b>Biology - Animals, including humans:</b>	I can name a variety of animals including fish, amphibians, reptiles, birds and mammals.
	I can identify and name animals by what they eat (carnivore, herbivore, omnivore).
	I can describe and compare the structure of a variety of common animals (including fish, amphibians, reptiles, birds and mammals).
	I can draw and label the parts of the human body that I can see.
	I can identify and name the parts of the human body that I can see.
	I can link the correct part of the human body to each sense.
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<b>Chemistry - Everyday materials:</b>	I can distinguish between an object and the material it is made from.
	I can identify and name wood, plastic, glass, metal, water and rock.
	I can describe the properties of everyday materials.
	I can compare and group objects based on the materials they are made from.
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<b>Physics - Seasonal changes:</b>	I can observe and comment on changes in the seasons.
	I can name the seasons and suggest the type of weather in each season.

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## YEAR 2

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### **Working Scientifically:**

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.

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### **Biology - Living things and their habitats**

I can explore and compare things that are living, dead and never lived.

I can describe how a specific habitat provides for the basic needs of things living there (plants and animals).

I can identify and name plants and animals in a range of habitats.

I can match living things to their habitat.

I can describe how animals find their food.

I can name some different sources of food for animals.

I can observe and describe a simple food chain.

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### **Biology - Plants**

I can explain how seeds and bulbs grow into plants.

I can describe what plants need in order to grow and stay healthy (water, light & suitable temperature).

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### **Biology - Animals, including humans:**

I can explain the basic stages in a life cycle for animals, including humans.

I can describe what animals and humans need to survive.

I can describe why exercise, a balanced diet and good hygiene are important for humans.

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### **Chemistry - Everyday materials:**

I can identify and compare a range of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard.

I can suggest why a material might or might not be used for a specific job.

I can explore how shapes can be changed by squashing, bending, twisting and stretching.

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