



A year 2 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
- *The 'Working scientifically' statements above are taught across year 1 and 2. Some of these statements will have been taught in year 1.*

Biology

Living things and their habitats

- I can identify 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 explain a simple food chain.

Plants

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

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.

Chemistry

Uses of everyday materials

- I can identify and name 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.

Physics

No content

A year 2 historian

- I can use words and phrases like: before, after, past, present, then and now.
- I can recount the life of someone famous from Britain who lived in the past. I can explain what they did earlier and what they did later.
- I can answer questions using books, pictures and photographs.
- I can research the life of a famous person from the past using different sources of evidence.

A year 2 geographer

- I can say what I like know about the place I live in.
- I can say what I know about a different place.
- I can describe a place outside Europe using geographical words.
- I can describe the key features of a place from a picture using words like beach, coast, forest, hill, mountain, ocean, valley.
- I can explain how daily lives may be different in other locations.
- I can name the continents of the world and locate them on a map.
- I can name the world oceans and locate them on a map.
- I can name the capital cities of England, Wales, Scotland and Ireland.
- I can find where I live on a map of the United Kingdom.

A year 2 artist

- I can use paint, pencil and pastel to create art.
- I can use a viewfinder to focus on a specific part of an artefact before drawing it.
- I can mix paint to create all the secondary colours.
- I can create brown with paint.
- I can create tints with paint by adding white.
- I can create tones with paint by adding black.
- I can use different features of an IT paint package.
- I can suggest how artists have used colour, pattern and shape.
- I can create a piece of art in response to the work of another artist.

A year 2 designer

- I can think of an idea and plan what to do next.
- I can choose tools and materials and explain why I have chosen them.
- I can join materials and components in different ways.
- I can explain what went well with my work.
- I can measure materials to use in a model or structure.
- I can describe the ingredients I am using.

A year 2 musician

- I can sing and follow a melody.
- I can perform simple patterns and accompaniments keeping a steady pulse.
- I can play simple rhythmic patterns on an instrument.
- I can sing or clap increasing and decreasing tempo.
- I can choose sounds which create an effect.
- I can use symbols to represent sounds.
- I can make connections between notations and musical sounds.
- I can listen out for particular things when listening to music.
- I can improve my own work.

A year 2 sports person

Games

- I can use hitting, kicking and/or rolling in a game.
- I can decide the best space to be in during a game.
- I can use one tactic in a game.
- I can follow rules.

Gymnastics

- I can plan and perform a sequence of movements.
- I can improve my sequence based on feedback.
- I can think of more than one way to create a sequence.
- I can work on my own and with a partner.

Dance

- I can change rhythm, speed, level and direction in my dance.
- I can dance with control and coordination.
- I can make a sequence by linking sections together.
- I can use dance to show a mood or feeling.

General

- I can copy and remember actions.
- I can talk about what is different from what I did and what someone else did.

A year 2 computer user

Algorithms and programming

- I can use a range of instructions (e.g. direction, angles, turns).
- I can test and amend a set of instructions.
- I can find errors and amend. (debug)
- I can write a simple program and test it.
- I can predict what the outcome of a simple program will be (logical reasoning).
- I understand that algorithms are used on digital devices.
- I understand that programs require precise instructions.

Information technology

- I can organise digital content.
- I can retrieve and manipulate digital content.
- I can navigate the web to complete simple searches.

Digital literacy

- I use technology respectfully.
- I know where to go for help if I am concerned.
- I know how technology is used in school and outside of school.

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