

Year 2 Tracking and monitoring sheet for Science knowledge and working scientifically.



I can statements in topic areas
Living things and their habitats
I can explore and compare the differences between things that are living, dead, and things that have never been alive
I can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
I can identify and name a variety of plants and animals in their habitats, including micro-habitats
I can describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.
Animals including humans
I can notice that animals, including humans, have offspring which grow into adults
I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
Materials
I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
I can observe and describe weather associated with the seasons and how day length varies.
Plants
I can observe and describe how seeds and bulbs grow into mature plants
I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
Scientist study
I can talk about how a scientist or inventor has helped our understanding in science

Working scientifically objectives

I can ask simple questions about the world around us.
When directed, I can use different types of enquiry to answer questions. I can say what I think will happen, using 'because'.
I can perform simple tests.
I can discuss my ideas
I can observe changes over time.
I am beginning to notice patterns.
I can say what I am looking for and what I am measuring.
I can measure with non-standard units and can begin to use simple standard units eg, mm, cm, m, ml, l, °C
I can safely use simple equipment.
I can identify a variety of objects, materials and living things.
I can compare, sort and group a range of objects, materials and living things
I can collect simple data. I can record data in a table my teacher has provided. I can communicate my findings in a variety of ways.
I can talk about what I have found out. I can explain how I carried out my enquiry. I can suggest simple changes to my enquiry.

Working towards	Working at Expected	Working at GD
Recommendations of how to support or develop these children	Recommendations of how to support or develop these children	Recommendations of how to support or develop these children

