Year 3 Assessment Targets

Working Scientifically

- I can ask relevant questions and use different types of scientific enquiries to answer them.
- I can set up simple practical investigations, compare things and make fair tests.
- I can make organised and careful observations and take accurate measurements using the right units using a range of equipment including thermometers and data loggers.
- I can gather, record, sort and present data in a variety of ways to help in answering questions.
- I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.
- I can report findings from investigations, including explaining by talking and writing about them, displaying or presenting results and conclusions.
- I can use results to draw simple conclusions, make predictions, suggest improvements and ask more questions.
- I can identify differences, similarities or changes related to simple scientific ideas and processes.
- I can use clear scientific evidence to answer questions or to support my findings.

Plants

- I can identify and describe the functions of different parts of flowering plants, roots, stem/trunk, leaves and flowers.
- I can explore the needs of plants for life and growth and how they are different from plant to plant.
- I can investigate the way in which water is transported within plants.
- I can explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Animals Including Humans

- I can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.
- I can identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Rocks

- I can compare and group together different kinds of rocks on the basis of their appearance and physical properties.
- I can describe how fossils are formed when things that have lived are trapped within rock.
- I can recognise that soils are made from rocks and organic matter.

Light

- I can recognise that I need light in order to see things and that dark is the absence of light.
- I notice that light is reflected from surfaces.
- I can recognise that light from the sun can be dangerous and that there are ways to protect my eyes.
- I can recognise that shadows are formed when the light from a light source is blocked by a solid object.
- I can find patterns in the way that the size of shadows change.

Forces and Magnets

- I can compare how things move on different surfaces.
- I notice that some forces need contact between two objects, but magnetic forces can act at a distance.
- I can observe how magnets attract or repel each other and attract some materials and not others.
- I can compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
- I can describe magnets as having two poles.
- I can predict whether two magnets will attract or repel each other, depending on which poles are facing.