



St Alban's CofE Primary School Science End of Year 5



At the end of year five, I will know and remember...

Earth and Space

- There are 8 planets in our solar system, they are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
- Earth is the third planet from the sun and the only world known to support an atmosphere with free oxygen, oceans of liquid water on the surface, and life.

Forces

- Any kind of force is really just a push or a pull.
- Gravity is the pulling force acting between the Earth and a falling object.
- Friction is a force between two surfaces that are sliding, or trying to slide, across each other.

Living things and their habitats

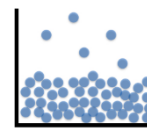
- Reproduction is the way different plants and animals make new plants and animals.
- The life cycles of plants and animals have three basic stages including a fertilised egg or seed, immature juvenile, and adult.
- Many insects have four stages in their life cycle.

Animals including humans

- Humans move through the stages of infancy, toddlerhood, childhood, puberty, adolescence, adulthood and old age.

Properties and changes of materials

- Irreversible changes, like burning, cannot be undone.
- Reversible changes, like melting and dissolving, can be changed back again.
- Mixtures can be separated out by methods like sieving, filtering and evaporating.



Working scientifically

- Plan different types of scientific enquiries.
- Take measurements accurately and record results.
- Make predictions and present findings.
- Identify scientific evidence.



COMPARATIVE & FAIR
TESTING



IDENTIFYING,
CLASSIFYING &
GROUPING



OBSERVING OVER
TIME



PATTERN SEEKING



RESEARCHING USING
SECONDARY SOURCES