Year 6 - Knowledge Organiser

# Evolution and Inheritance

## Science

## Term 1

### What should I already know?

- To understand that most living things live in habitats to which they are suited. (Y2)
- To know that animals, including humans, have offspring which grow into adults. (Y2)
- To understand, in simple terms, how fossils are formed when things that have lived are trapped within rock. (Y3)

### What am I going to learn? (Sticky Knowledge)

- To know that living things have changed over time and that fossils provide information about living thing that inhabited the Earth millions of years ago.
- To know that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- To understand how animals and plants are adapted to suit their environment in different ways.
- To know that adaptation can lead to evolution.

### Key Vocabulary

| | | | |
|---|---|---|---|
| fossilisation | offspring | hypothesis | range |
| sedimentary | inheritance | equipment | mean |
| erosion | adaptation | diagram | difference |
| minerals | environment | method | accurate |
| rock replica | species | collect data/results | inaccurate |
| evolution | cross breed | evaluate/conclude | indicate |
| human evolution | warm blooded | anomaly | summary |
| homosapian | cold blooded | valid | |
| vertebrate | mammal | reliable, repeated | |
| invertebrate | amphibian | average | |