



Coleman Primary School

Key Knowledge Organiser:

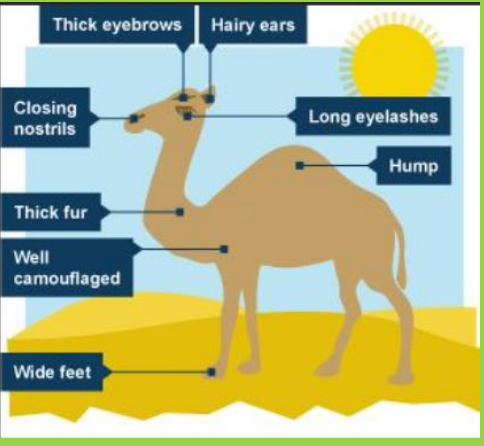
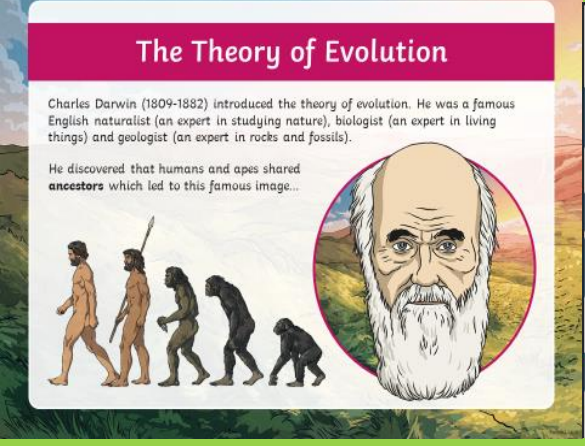
Year 6- Spring 2

Science: Evolution and Inheritance

In this unit, children learn to find out more about how living things have changed over time.

Key Vocabulary

adaptation	a small change that a living thing goes through
dinosaur	a particular kind of reptile that lived in prehistoric times
evolution	change in living things over time
fossil	living thing that has been turned to stone by one of several methods
inherited	the way that a trait or characteristic is passed to offspring from parents
natural selection	a process in which living things adapt themselves in order to survive, that they don't have any control over
prehistoric	the time classed as 'before history' as it was so long ago it hasn't been recorded or written
variety	differences between things as part of a whole group
offspring	the young animal or plant that is produced by the reproduction of that species
characteristics	the distinguishing qualities or features that are specific to a species



Knowledge

- To know that living things have changed over time and that this called evolution.
- To know that fossils provide information about living things.
- To know that living things produce offspring of the same kind but they may vary.
- To know that animals and plants adapt to suit their environment.
- To know that Charles Darwin developed the theory of evolution.
- To know the difference between environmental and inherited characteristics.

Scientific Skills:

- Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
- Take measurements, using scientific equipment, with increasing accuracy and precision.
- Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
- Use test results to make predictions to set up further comparative and fair tests.
- Report and present findings from enquiries.
- Identifying scientific evidence that has been used to support or refute ideas or arguments.

