Corpus Christi Catholic Primary School
Year 6 – Evolution and Inheritance - MTP Unit Overview

Outcomes:

By the end of this unit <u>all</u> pupils should:

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

By the end of this unit pupils should have developed the following working scientifically skills:

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- using test results to make predictions to set up further comparative and fair tests
- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- identifying scientific evidence that has been used to support or refute ideas or arguments.

Progression:

Prior learning:

Yr 3 – Plants
Pupils should be taught to:
explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

Yr 3 – Rocks
Pupils should be taught to:
describe in simple terms how fossils are formed when things that have lived are trapped within rock

Yr 5 - Living things and their habitats
Pupils should be taught to:
describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
describe the life process of reproduction in some plants and animals

Building towards: KS3

Biology –
Interactions and interdependencies , Relationships in an ecosystem
Genetics and evolution Inheritance, chromosomes, DNA and genes