

# Holy Rosary CVA

**Key Question:** Have we always looked like this?

Evolution & Inheritance

UKS2

Lent 2

## Habitats



Oceans



Savannah



Tropical Rainforest



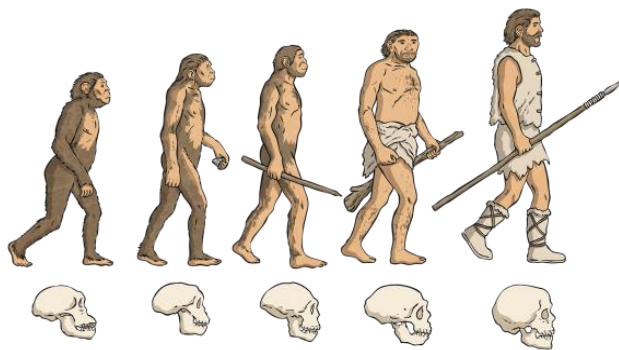
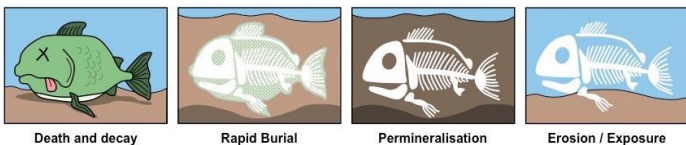
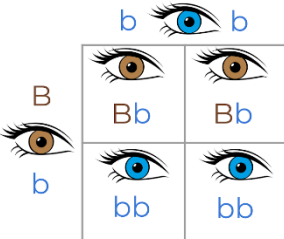
Wetlands



Polar



UK Wild



## Core Knowledge

- Living things produce offspring that vary from their parents.
- Animals and plants are adapted to suit their environment, and this can lead to the evolution of a species.
- Fossils are the impressions made by living things as a sedimentary rocks form.
- Fossils can tell us about living things from long ago and how they have changed over time.
- 'Natural Selection' is a theory of how life on Earth has evolved.

## Vocabulary

Offspring	The young animal or plant produced by the reproduction of that species
Adaptation	A characteristic that changes to increase an organism's chances of survival
Environment	An area containing many habitats
Habitat	The specific place or area an animal or plant lives
Characteristics	The features or qualities that are specific to a species
Inheritance	When characteristics are passed on from parents to offspring
Evolution	The gradual change in a species over time due to multiple adaptations
Theory	An idea of how or why something happens, usually based on evidence
Variations	The differences between individuals of the same species
Species	A particular type of animal or plant

## Pre/Post Quiz (complete separately):

1. (T/F) Individuals of the same species:
  - a) are always the same
  - b) are always different
  - c) inherit their characteristics
  - d) look like their parents
2. What is a fossil?
3. (T/F) Fossils can tell you how an animal behaved. Why?
4. Evolution of the Giraffe's neck. Put these in order:
  - a) Some Giraffes varied to have slightly longer necks.
  - b) Giraffes started with short necks.
  - c) The species evolved to have longer necks of many generations.
  - d) The ones with the long-neck adaptation could reach more food, so were more successful, and had more offspring.
  - e) This adaptation repeated in the offspring

