

# Endpoints for Science

## Year 6 - Evolution and Inheritance



### What I know and can explain

I can recognise that living things have changed over time.

I understand that fossils provide information about living things that inhabited the Earth millions of years ago.

I can recognise that living things produce offspring of the same kind, but they usually vary and are not identical to their parents.

I can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

I can explain how variation leads to competition.

I can explain the effect of dominant and recessive genes and how this affects offspring.

I can give examples of natural selection.

I can evaluate which further tests would be particularly useful.

I can display and present key findings orally and in writing.

I can suggest possible limits to causal relationships.

I can identify situations in which taking repeat readings will improve the quality of evidence.

I can explain why a labelled diagram might be particularly effective.

### Useful Vocabulary

**adapt**

**causal**

**characteristics**

**effective**

**evaluate**

**evidence**

**evolve**

**extinct**

**fossil**

**gene**

**inherit**

**key findings**

**labelled diagram**

**offspring**

**parent**

**repeat readings**

**selection**

**species**

**traits**