



WENSLEY FOLD CE PRIMARY ACADEMY
SCIENCE SCHEME OF WORK

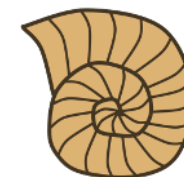
PROGRESSION THROUGH TOPICS



BIOLOGY – EVOLUTION and INHERITANCE

Year 6

- I can describe how the earth and living things have changed over time.
- I can explain how fossils can be used to find out about the past.
- I can explain about reproduction and offspring (recognising that offspring normally vary and are not identical to their parents).
- I can explain how animals and plants are adapted to suit their environment.
- I can link adaptation over time to evolution.
- I can explain evolution.



KS3

Heredity as the process by which genetic information is transmitted from one generation to the next. A simple model of chromosomes, genes and DNA in heredity, including the part played by Watson, Crick, Wilkins and Franklin in the development of the DNA model. The variation between species and between individuals of the same species means some organisms compete more successfully, which can drive natural selection. Changes in the environment may leave individuals within a species, and some entire species, less well adapted to compete successfully and reproduce, which in turn may lead to extinction.