

GENETICS & EVOLUTION

Key Stage 2 Science

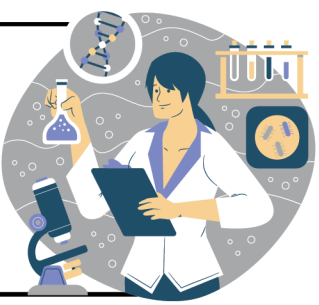
- Recall that offspring inherit characteristics from each parent.
- Recall that fossils provide evidence about organisms from long ago and their habitats.

From Year 7 REPRODUCTION

- Sex cells (gametes) join together at fertilisation.

Working scientifically

- WS 1.3 Appreciate the power and limitations of science and consider any ethical issues which may arise.
- WS 1.4 Explain everyday and technological applications of science; evaluate associated personal, social, economic and environmental implications; and make decisions based on the evaluation of evidence and arguments.



PRE ASSESSMENT



Consolidate prior learning



PRIOR LEARNING

TEACHER ASSESSMENT

How well can I explain how evidence led to the theory of evolution?



KNOWLEDGE ASSESSMENT 2



END OF TOPIC ASSESSMENT



LATER LEARNING

Key Stage 4 Biology

- Meiosis and mitosis
- Genetic engineering
- Cloning
- Antibiotic resistance
- Gene expression
- Inherited disorders

KNOWLEDGE ASSESSMENT 1



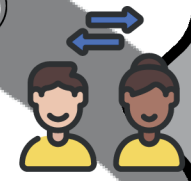
SELF ASSESSMENT

How well can I explain how individuals have different characteristics?



PEER ASSESSMENT

How well can I explain that sexual reproduction leads to individuals who are similar their biological parents?



Variation within a species



Environmental and inherited characteristics



Genes, chromosomes and DNA



Selective breeding

