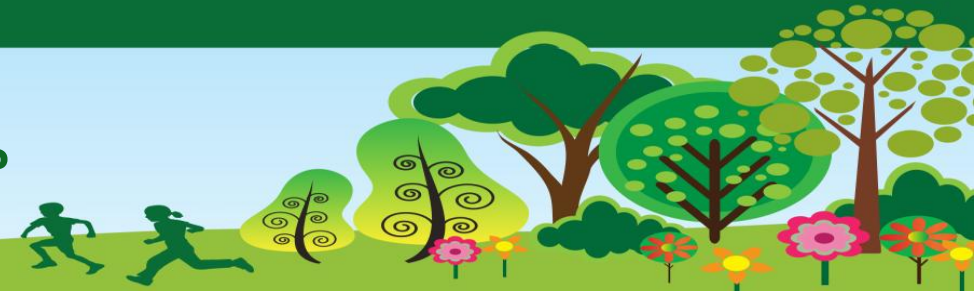


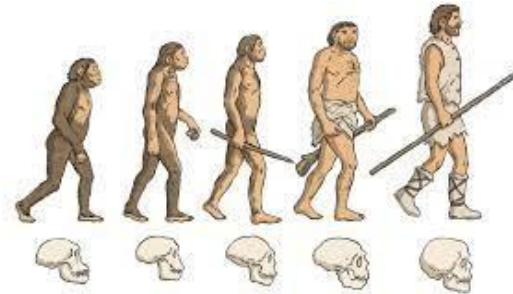
Knowledge Organiser- SCIENCE (BIOLOGY)-YEAR 6- Autumn 1 - 2025

EVOLUTION AND INHERITANCE – What is the theory of evolution?



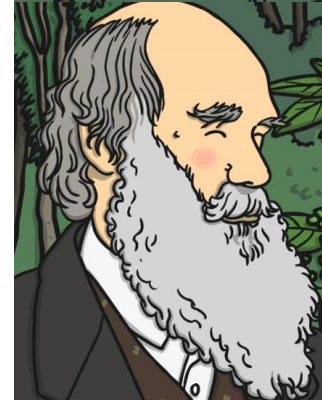
STICKY KNOWLEDGE

Offspring vary from their parents due to genetic variation. This is the reason why offspring are not identical to their parents.	Animal adaptations are the ways in which animals have evolved to better survive in their environments. Adaptations develop over many generations through the process of natural selection.	Plants have evolved a range of adaptations that allow them to survive in a wide variety of environments. These often develop over many generations through the process of natural selection.
Fossils are the preserved remains or traces of living organisms from the past.	Charles Darwin was an English naturalist and was famous for his work on evolution and natural selection.	Human evolution is the evolutionary process that led to the development of modern humans, Homo sapiens.



Key Scientist:

Charles Darwin



Charles Darwin was a famous naturalist, who studied plants and animals. He was best known for his theory of evolution.

KEY VOCABULARY	
Inherit	When features are passed on from parents to offspring
Adaptation	Changes or special features of a living thing to help it live in a habitat
Fossil	The remains or impression of a prehistoric plant or animal embedded in rock
Charles Darwin	An English naturalist, best known for his theory of evolution
Evolved	How living things gradually change over time
Natural selection	Survival and reproduction of the fittest

