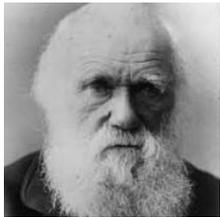
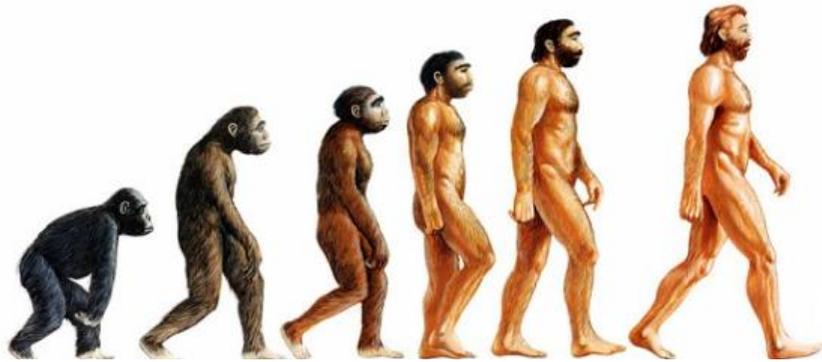


SURVIVAL OF THE FITTEST

Evolution is the process by which living organisms have developed from earlier forms during the history of the Earth.



The theory of natural selection was proposed by Charles Darwin, who observed that although individuals in a species are different and show different characteristics, some characteristics make individuals better adapted for survival. For example, they were stronger, faster or cleverer. These living things were more likely to reproduce and pass on

their useful characteristics to their offspring. Individuals that were poorly adapted were less likely to survive and their characteristics were not as likely to be inherited. Over time, the characteristics that help survival become more common and a species gradually changes.

Famous Survival Experts

Bear Grylls



Megan Hine



Ray Mears



Key Vocabulary

Adaption	The process of change so that an organism or species can become better suited to their environment.
Ancestor	A person from who one is descended.
Biodiversity	The variety of living things on Earth.
Breeding	The mating and production of offspring by animals.
Descendent	A person, plant or animal that is descended from a particular ancestor.
Environment	The surroundings or conditions in which a person, animal or plant lives.
Evolve	How living things gradually change over time in response to their environment.
Fossil	The remains or impression of a prehistoric plant or animal embedded in rock and preserved.
Gene	A selection of DNA which controls or influences a living thing.
Inherit	To gain a quality or characteristic genetically from a parent or ancestor.
Mutation	A mistake in the copying of the DNA.
Natural Selection	When challenges in the natural environment, combined with variation between individuals, cause some individuals to have a better chance of surviving to reproduce.
Offspring	A person's child or children/an animals young.
Organism	A living thing.
Reproduction	The production of offspring by sexual or asexual process.
Species	A group of living things with very similar characteristics.
Variation	A change or slight difference.