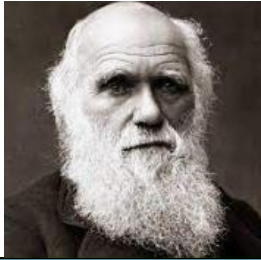


Evolution

Science: Evolution

- 1) Charles Darwin— an English naturalist, geologist and biologist, best known for his contributions to the science of evolution.



- 2) Darwin spent almost five years aboard a Royal Navy exploring ship, the HMS Beagle. The voyage took place from December 1831 to October 1836.



- 3) Darwin was the first dedicated naturalist to visit the Galapagos Islands, off the west coast of Ecuador.

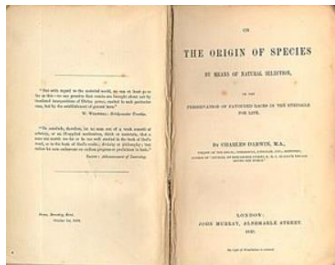


- 4) Darwin was responsible for collecting and making notes about the animals, plants, and the geology of the countries they visited.



Science: Evolution

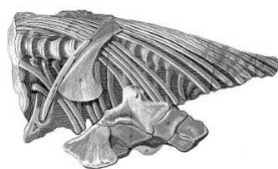
- 5) 'On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life' was published on 24 November 1859.



- 6) Mary Anning was an English fossil collector, dealer, and palaeontologist.



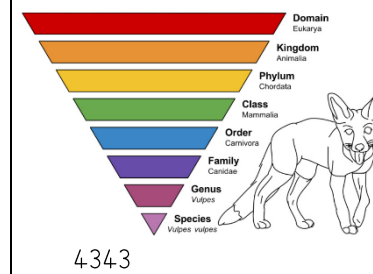
- 7) Her work played a key role in the growth of scientific biology in the early 19th century.



- 8) Carl Linnaeus created the system of formally classifying and naming organisms.

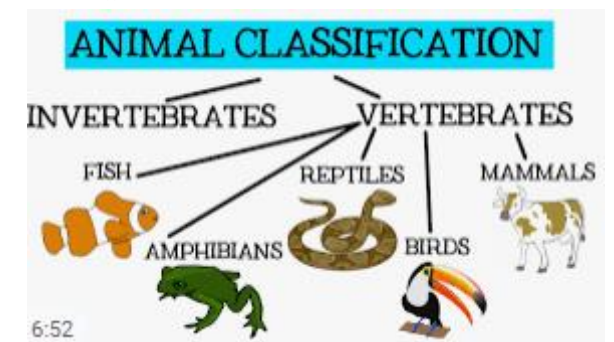


- 9) The 8 levels Linnaeus' classification system are...



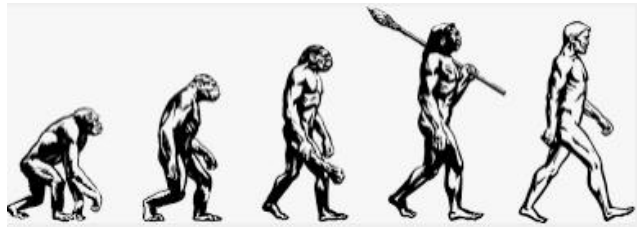
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- 10) Organisms can be divided into groups or 'classified' by looking at the similarities and differences between them.



Science: Evolution

- 11) Evolution is the change in the characteristics of a species over several generations.



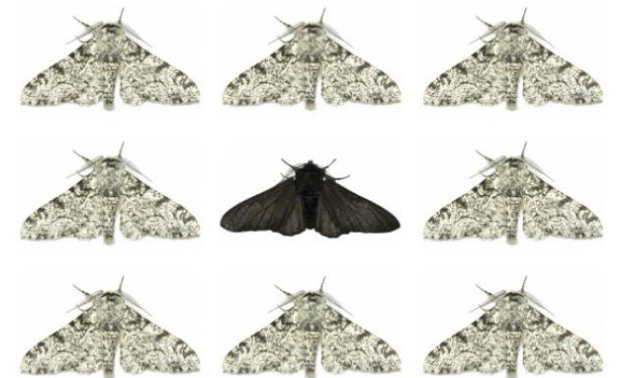
- 12) Natural selection is the process through which populations of living organisms adapt and change.



- 13) Adaptation is the process of change by which an organism or species becomes better suited to its environment.



- 14) Variation in species can be generated by genetics. Mutations arise spontaneously.



Science: Micro-organisms

- 15) Fungi is a micro-organism, such as yeast and mould.



- 16) Virus is a sub microscopic infectious agent that replicates only inside the living cells of an organism.



- 17) Bacteria are small single-celled organisms.



- 18) Protozoa are single celled organisms, which contain a nucleus and other cell structures.



- 19) David Hockney is considered one of the most influential British artists of the 20th century.



- 20) Hockney has experimented with painting, drawing, printmaking, watercolours, photography and iPad drawing programs.

