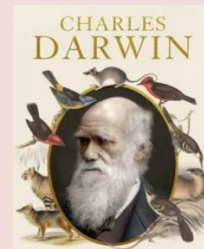
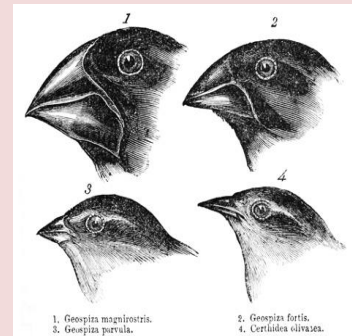
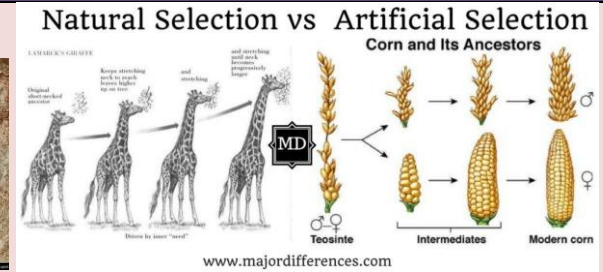


Key Facts

1. Evolution occurs when there is competition to survive (natural selection) and differences within a species caused by inheritance and mutations.
2. Inheritance is when a characteristic is passed on to the next generation.
3. Genetic variation is the difference in DNA among individuals.
4. Offspring are not identical to their parents so species change over time.
5. Natural selection is a process by which a species changes over time in response to changes in the environment, or competition between organisms, in order for the species to survive.
6. Charles Darwin was an English naturalist, geologist and biologist, best known for his contributions to the science of evolution.
7. His proposition that all species of life have descended over time from common ancestors is now widely accepted, and considered a foundational concept in science.
8. A fossil is known as the ancestral remains or impression of a prehistoric plant or animal embedded in rock and preserved in petrified form.



Fossil



Evolution and Inheritance

Scientific Skills

- Understand how evidence can be used to support an idea
- Plan how to answer a question
- Record my results
- Measure accurately

Key Vocabulary

- adaptation
- appearance
- Charles Darwin
- natural selection
- inheritance
- evolution
- characteristics
- natural selection
- fossils
- extinct