

# Science – Evolution

Concept – Evolution – Understand reproduction and how living things have adapted over time

## Vocabulary

- **inheritance:** passing on traits from parents to their children
- **variation:** being different or having something unique
- **evolution:** a very slow process whereby species change gradually over many generations
- **natural selection:** only the members of a species who have the features best suited for their habitat survive
- **adaptive traits:** characteristics that help living things survive better in their environment

### 1. What Is Variation?



Individuals of the same species can have different traits.

### 2. Survival of the Fittest



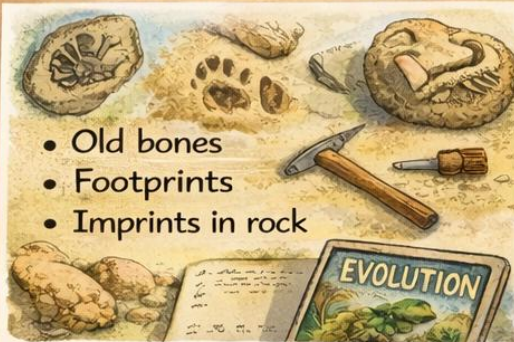
Adaptations help some individuals survive better.

### 3. How Populations Change



Over time, helpful traits spread through a species.

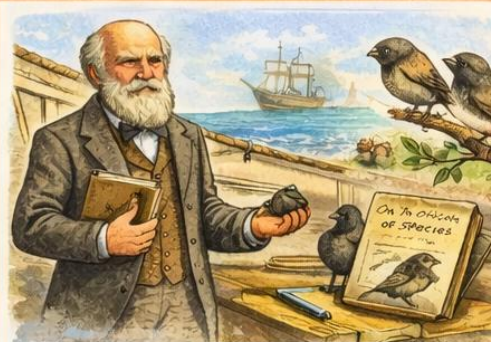
### 4. Evidence from Fossils



- Old bones
- Footprints
- Imprints in rock

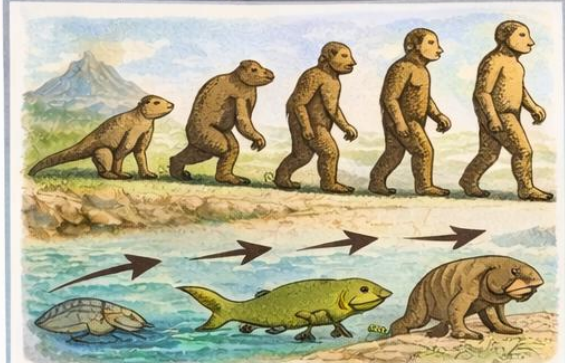
Fossils show how living things have changed over millions of years.

### 5. Charles Darwin's Ideas



Darwin observed animals and wrote about evolution.

### 6. Explaining Evolution



Over a long time, living things change to suit their environment.