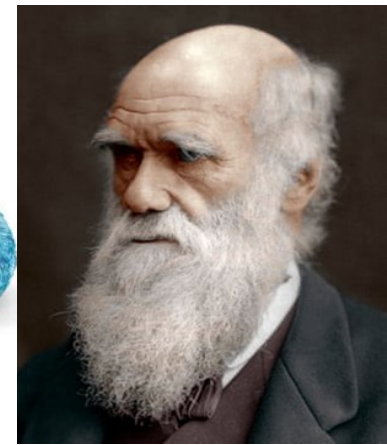


During this term, year 5 and 6 will be taking inspiration from the novel 'Fantastic Beasts and Where to Find Them' by JK Rowling for all of our curriculum areas. We will study Darwin and his theory of how living things have evolved.

FANTASTIC BEASTS



Charles Darwin

1809-1882

A naturalist who proposed and provided scientific evidence that all species of life have evolved over time from common ancestors through the process he called natural selection.

Voyage of the Beagle— Dec 1831
Origin of Species published— 1859

Key vocabulary

Definition

Adaptation	A trait that increases the chances that an organism will survive and reproduce
Consumer	An organism that feeds on plants or other animals for energy
Endangered	A plant/animal species existing in such small numbers that it is in danger of becoming extinct
Evolution	The change in population of a species over time
Evolve	The process by which organisms change over time
Extinction	The evolutionary termination of a species caused by the failure to reproduce and the death of all remaining members of the species; the natural failure to adapt to environmental change
Food chain	A diagram showing how food energy moves from one organism to another
Habitat	A place where a plant or animal lives
Interdependence	The mutual dependence between things
Natural selection	Survival of the fittest organisms that are the best adapted to their environment
Offspring	The young born of living organisms
Predator	An animal that eats other animals
Prey	An animal hunted for food
Producer	An organism (green plant or bacterium) which is part of the first level of a food chain
Species	The most specific classification of living things
Theory	An explanation that ties together many hypotheses and observations.



Gregor Mendel

1822-1884

An Augustinian monk and botanist whose experiments in breeding garden peas led to his recognition as founder of the science of genetics.



Alfred Russel Wallace

1823-1913

A naturalist who independently proposed the theory of evolution by natural selection.

Galapagos Islands

The Galapagos Islands is a volcanic archipelago in the Pacific Ocean. It's considered one of the world's foremost destinations for wildlife-viewing. A province of Ecuador, it lies about 1,000km off its coast. Its isolated terrain shelters a diversity of plant and animal species, many found nowhere else. Charles Darwin visited in 1835, and his observation of Galapagos' species later inspired his theory of evolution.

