

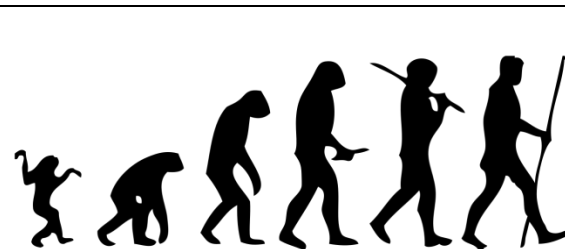
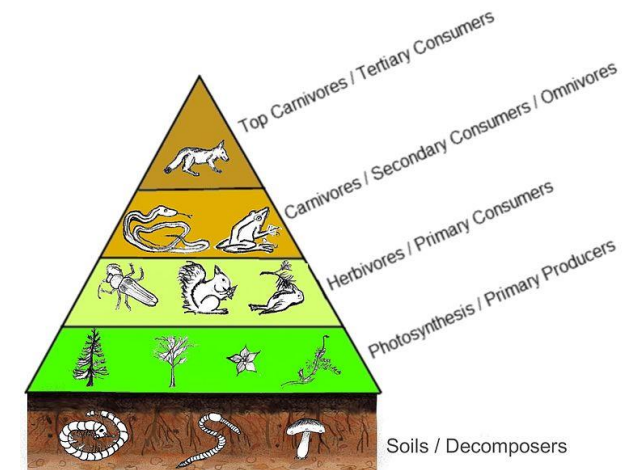
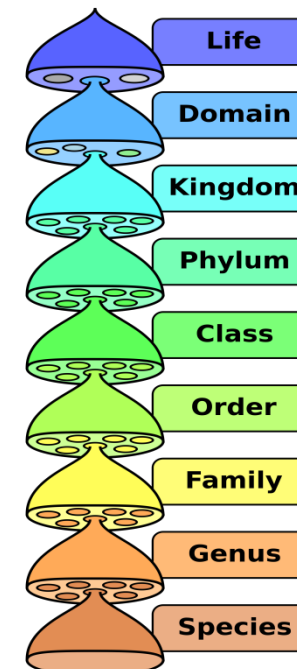
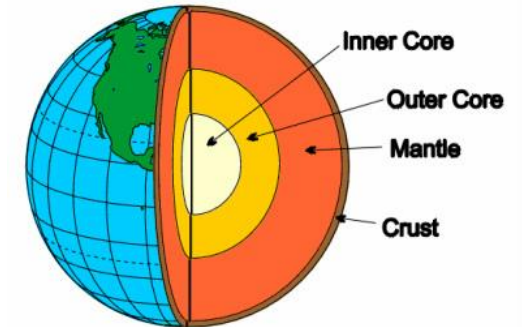
## Knowledge Organisers

### Year 6: Living Things and Evolution (Science)

Key Vocabulary	Definition
Lithosphere	Crust of the Earth, made up of plates of rock
Plate tectonics	The movements of plates converging, diverging or transforming
Genes	Characteristics transferred from a parent to offspring and determined characteristics in that offspring
Food chains	A series of organisms, each dependent on the next as a source of food. Energy transfers up the food chain.
Photosynthesis	The process of producers absorbing energy from the Sun
Producer	An organism which is part of the first level of a food chain. They produce their own food.
Variation	Differences between living things of the same species

Era	Period	Epoch	Age
Cenozoic	Quaternary	Holocene	0.01 Ma
		Pleistocene	1.8 Ma
	Tertiary	Pliocene	5 Ma
		Miocene	24 Ma
		Oligocene	34 Ma
		Eocene	55 Ma
Mesozoic	Cretaceous	Paleocene	65 Ma
		Late	99 Ma
		Early	144 Ma
	Jurassic	Late	159 Ma
		Middle	180 Ma
		Early	206 Ma

Ma: Million years before present



Fossil records give us evidence of how organisms have changed over time.

Darwin's Theory of Evolution focuses on the weaker species being eliminated gradually over time, through a process called 'Natural Selection'