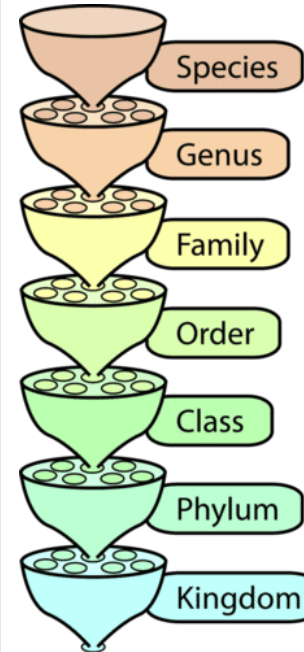


KNOWLEDGE ORGANISER - YEAR 6 SCIENCE 'Living Things and their Habitats'

VALUABLE VOCABULARY	
Word	Definition
Classification	To place things in different categories, or groups. Scientists place living things in groups based on the features that the living things share.
Invertebrate	An animal that does not have a backbone or skeleton inside its body.
Vertebrate	A vertebrate is an animal with a backbone.
Monera Kingdom	The Monera Kingdom consists of all bacteria – one celled organisms
Protists Kingdom	Contains all the organisms that don't fit into the other groups.
Fungi Kingdom	Consists fungus is a simple organism, or living thing, that is neither a plant nor an animal.
Plant Kingdom	A basic group of natural objects that includes all living and extinct plants.
Animal Kingdom	An enormous group of organisms that includes over a million different species of animals.
Species	A group of animals, plants or other living things that all share common characteristics and that are all classified as alike in some manner.
Organism	A living thing
Characteristics	a special quality or appearance that makes an individual or a group different from others
Microorganisms	Microorganisms , or microbes , are a diverse group of minute, simple forms of life that include bacteria, algae, fungi, protozoa, and viruses
Bacteria	Bacteria are tiny little organisms that are everywhere around us
Taxonomy	Classification of living things (as plants and animals) using a system that is usually based on natural relationships.

Linnaeus Classification - (Example – Humans)



Homo sapiens
Member of the genus Homo with a high forehead and thin skull bones.

Homo
Hominids with upright posture and large brains.

Hominids
Primates with relatively flat faces and three-dimensional vision.

Primates
Mammals with collar bones and grasping fingers.

Mammals
Chordates with fur or hair and milk glands.

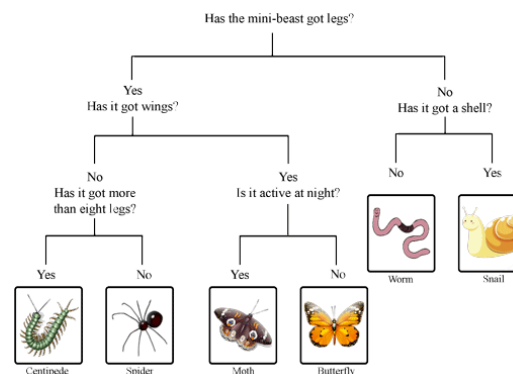
Chordates
Animals with a backbone.

Animals
Organisms able to move on their own.



Carl Linnaeus

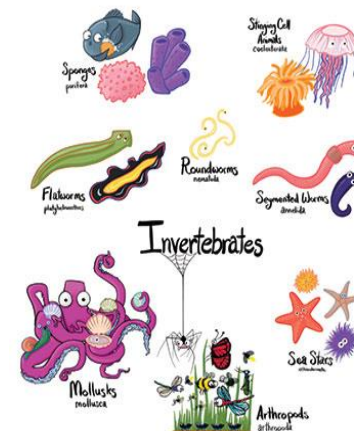
Example of a Classification Key



The Five Kingdoms of Life



Invertebrates



Vertebrates

