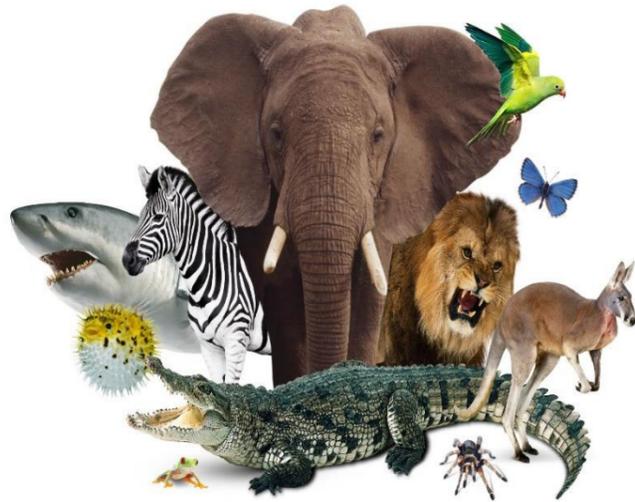# ANIMALS including Humans KNOWLEDGE ORGANISER

Overview

-Animals are living things.

-Like plants, animals need food and water to live.

-Unlike plants (which make their own food) animals feed themselves by eating plants or other animals.

-Animals are also able to sense (including see, hear, smell, taste, touch) what is going on around them.

-Millions of animals live on earth.

Animal Structures

-<u>Birds</u> have wings, to help them fly.

-They use beaks for eating and keeping themselves clean.

-They have light bones to make flying easier.

-Feathers are also light (helping them fly) and are important for keeping birds warm.

-<u>Mammals</u> have hair/ fur, to keep them warm.

-Their warm blood also keeps them and their young warm.

-Mammary glands – nipples/udders help mammals to feed their young.

Types of Animals

Mammals

-Mammals are warm-blooded creatures. Most have hair.

-They give birth to live young. They produce milk to feed them.

-Humans are mammals. Other examples are monkeys, lions, bears, dogs, cats and cows

Reptiles

-Reptiles are cold-blooded. They lay eggs/ have scales. They breathe through lungs.

-Examples include lizards, crocodiles & snakes.

Birds

-Birds are warm-blooded. They lay eggs/ often have feathers and wings. Most have hollow bones & can fly.

-Examples include robins, penguins & ducks.

Fish

-Fish are cold-blooded and live in water. They breathe through gills. Have fins/scales.

-Examples include sharks, salmon, & rays.

Amphibians

-Amphibians are cold-blooded. They live in water and land. They have 3 life stages: eggs, larvae, & adult.

Examples are frogs, toads & salamanders. cfrd

Senses

-<u>Sight</u> - <u>Eyes</u> help humans and most animals to see

-<u>Hearing</u> - <u>Ears</u> help humans and most animals to hear

-<u>Smell</u> - <u>Noses</u> help humans and most animals to smell

-<u>Taste</u> - <u>Tongues</u> help humans and most animals to taste

-<u>Touch</u> – <u>Skin</u> helps humans and most animals to feel

<u>Brains</u> helps humans and animals to <u>think.</u>

Herbivores (eat plants)				Omnivores (eat plants and animals)				Carnivores (eat animals)			
Elephants	Deers	Rabbits	Cows	Brown Bears	Badgers	Raccoons	Lizards	Lions	Crocodiles	Hyenas	Sharks