

Year 4: Living things and their habitats Knowledge Mat

Subject Specific Vocabulary

Environment The surroundings or conditions in which a person, animal or plant lives or operates

Classification Keys A chart that places things in a logical way in order to sort and classify them

Habitat The place where animals and plants live e.g seashore, woodland etc

Pollution The presence in or introduction into the environment of a substance which has harmful or poisonous effects

Organism Any living creature, plant or animal

Endangered (Of a species) seriously at risk of extinction

Extinct (Of a species, family, or other larger group) having no living members



What you need to be able to do by the end of the Living things and their habitats topic

- . Recognise that living things can be grouped in a variety of ways
- . Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- . Recognise that environments can change and that this can sometimes pose dangers to living things



Sticky knowledge about living things and their habitats

Humans impact the physical **environment** in many ways: overpopulation, pollution, burning fossil fuels, and deforestation. Changes like these **have** triggered climate change, soil erosion, poor air quality, and undrinkable water.

All living things have a life cycle.

If habitats change this can cause a species to decrease or increase.

Living things can be divided into vertebrates (backbone) and invertebrates (no backbone).

Vertebrates can be divided into smaller groups called mammals, amphibians, birds, fish and reptiles

Invertebrates can be divided into smaller groups such as insects, molluscs and crustaceans.

A classification key uses yes/no questions to sort living things