

Life Processes

To stay alive and healthy, all living things need certain conditions that let them carry out the seven **life processes**:

Movement **G**rowth
Respiration **R**eproduction
Sensitivity **E**xcretion
 Nutrition

Environment

Changes to an **environment** can be natural or caused by humans. Changes to an **environment** can have positive as well as negative effects. Here are some examples of things that can change an **environment**.

NATURAL

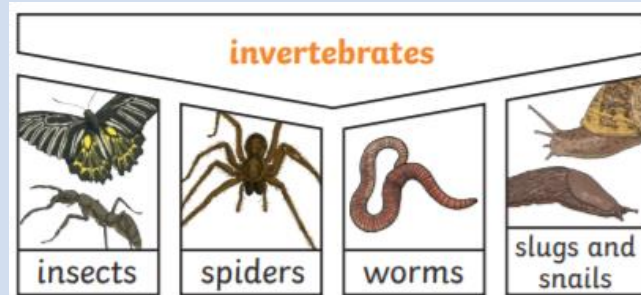
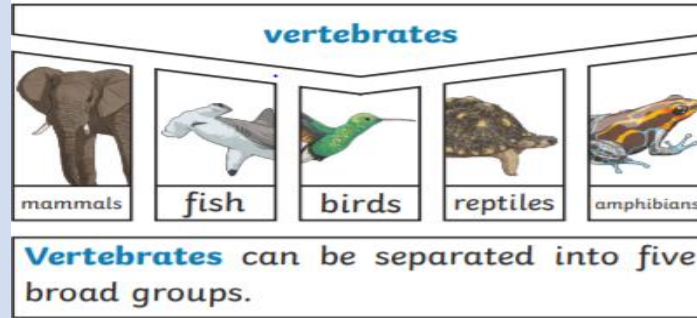
- Earthquakes
- Storms
- Floods
- Droughts
- Wildfire
- The seasons

HUMAN MADE

- Deforestation
- Pollution
- Urbanisation
- The introduction of a new plant or animal species
- Creating new nature reserves

Year 4 – Living Things and their habitats

Vertebrates and Invertebrates



You could sort **invertebrates** you might see around school in different ways, such as in this example. The vast majority of living things on the planet are **invertebrates**.

Vocabulary Dozen

Vertebrates	Having a backbone
Invertebrates	Without a backbone
Local Environment	An environment contains many habitats and these include areas where there are both living and non-living things.
Classification	An order or group in which something is classified
habitat	The specific area or place in which particular animals or plants may live.
Endangered species	A plant or animal where there are not many of their species left and scientists are concerned that the species may become extinct .
Extinct	When a species has no more members alive on the planet, it is extinct .
Life Processes	The things living things do to stay alive.
Respiration	A process where plants and animals use oxygen gas from the air to help turn their food into energy.
sensitivity	The way living things react to changes in their environment .
reproduction	The process through which young are produced.
excretion	The process by which living things get rid of waste products.
nutrition	The process of obtaining food to provide living things with energy to live and stay healthy.
Organisms	This is another word that can be used to mean 'living things'.