

# Year Two: Living Things and their Habitats

## Knowledge Organiser



### The Big Idea

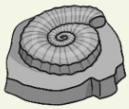
All living things live in habitats, places which give them everything that they need in order to survive (food, drink, shelter etc.). All living things must feed. Some create their own food (plants), whilst others eat each other (predators eat prey) in food chains.

#### Alive, dead or never alive

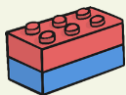
All things are alive, dead or have never been alive.



Living



Dead



Never alive

#### Life Processes

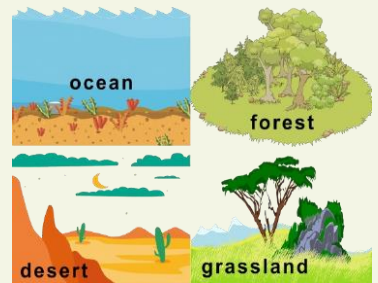
There are 7 life processes that all living organisms can perform:

**M**ovement  
**R**espiration  
**S**ensitivity

**N**utrition  
**E**xcretion  
**R**eproduction  
**G**rowth

#### What is a habitat?

A habitat is where an organism lives.



#### Adaptations

All organisms are adapted to live in their habitats.



For example, polar bears have thick fur and layers of fat to keep them warm in their cold environment.

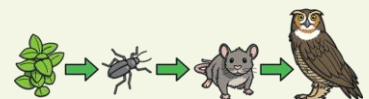
#### Microhabitats

A microhabitat is a small area which differs somehow from the surrounding habitat.



#### Food chains

The arrows on a food chain show the direction that the energy travels.



### Vocabulary

living non-living dead animal habitat food chain