

Y2 LIVING THINGS

KNOWLEDGE ORGANISER



Y2

Overview



-All around us, there are some things that are alive, some things that are dead, and some things that have never been alive.

-All living things have certain characteristics that help to keep them alive and healthy.

-Living things live in habitats that suit them, and which provide for their basic needs.

-Living things depend on other living things in order to survive.

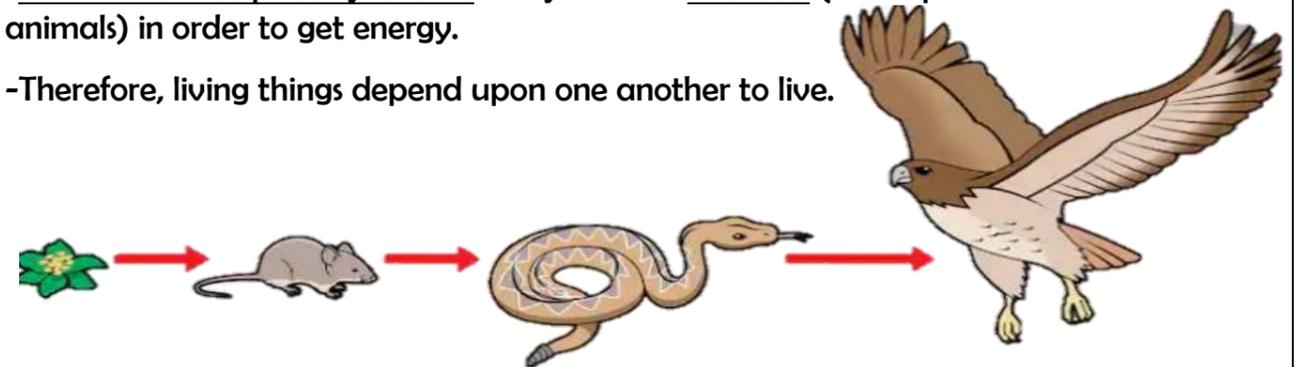
Food Chains

-Every living thing needs food in order to create energy. This process is called nutrition.

-Plants achieve nutrition by photosynthesising, using water, carbon dioxide and light.

-Animals cannot photosynthesise. They need to eat food (either plants or other animals) in order to get energy.

-Therefore, living things depend upon one another to live.



Characteristics of Living Things

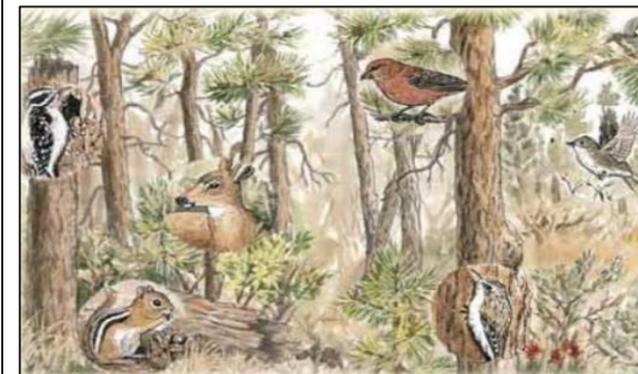
M-R-S G-R-E-N

You can remember the seven features of living things by using the acronym MRS GREN.



M	Movement	Animals move in many different ways. Plants grow and turn towards light.
R	Respiration	Plants and animals use oxygen in the air to turn food into energy.
S	Sensitivity	Living things can detect changes in their surroundings.
G	Growth	Living things get bigger and grow. 
R	Reproduction	Animals have young. Plants create seeds from which new plants grow.
E	Excretion	Living things get rid of things that they make but don't need.
N	Nutrition	Living things need food/nutrients for energy. 

Habitats



-A habitat is a home environment for plants, animals, and other living things.

-Examples of habitats include:

- Desert; Rainforest;
- Woodland; Ocean;
- Meadow; Seashore.

-Micro-habitats are small, specific home environments, e.g. individual trees, a pond, under a rock, or a pile of logs.

-Habitats contain features that make them suitable to the things that live there, e.g., food, shelter, or temperature.

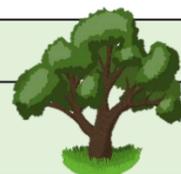
-Habitats can change over the year & over time, so some animals migrate.

Alive

Lion



Oak Tree

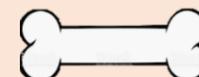


Dead

Fallen Leaves



Bone



Never Been Alive

Phone



Lamp Post

