



# Welton Primary School—Science Knowledge Organiser



Year: 2

Living Things and Their Habitat

Biology

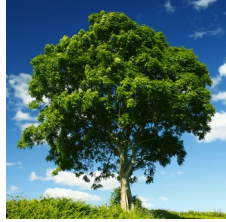


## What should I already know?

- I can identify and name some wild and garden plants and some common animals.
- I can identify and name a variety of common animals that are carnivores, herbivores and omnivores.
- I know the changes that happen across the four seasons.

## Vocabulary

food	Something that gives energy
move	Go from one place to another
plant	A living thing that grows in the earth and has a stem, leaves and
living	Does all 7 things that make it alive
dead	Came from something that was living.
never been alive	Has been made from other things
food chain	Shows how animals depend on each other for food.
carnivore	An animal that eats other animals.
herbivore	An animal that eats only plants.
omnivore	Animals the eats all kinds of food including animals and plants.
source	Where something comes from.

All around us there are some things that are alive, some things that are dead, and some things that have never been alive. Living things do 7 things that show they are alive.

Living	Dead	Never been alive
		
<ul style="list-style-type: none"> <li>• Tree</li> <li>• Lion</li> <li>• Butterfly</li> <li>• Rose</li> <li>• Fish</li> </ul>	<ul style="list-style-type: none"> <li>• Feather</li> <li>• Fallen leaves</li> <li>• Bone</li> <li>• Wooden peg</li> <li>• Woolly jumper</li> </ul>	<ul style="list-style-type: none"> <li>• Brick</li> <li>• Spoon</li> <li>• Ball</li> <li>• Glass</li> <li>• Robot</li> </ul>

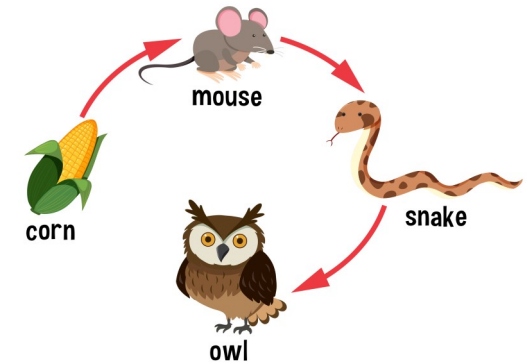
You can remember the seven things all living things do by using the letters MRS GREN

M	Movement	Animals move in many different ways. Plants grow and turn towards light.
R	Respiration	Plants and animals use oxygen from 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.



## Food Chains

- Every living thing needs food in order to create energy. This process is called nutrition.
- Plants make their own food by using water, carbon dioxide and light.
- Animals cannot make their own food. They need to eat food (either plants or other animals) in order to get energy. Therefore, living things depend on one another to live.



A food chain shows how energy from food is passed along.

The arrow on a food chain means 'is food for'.

If one part of the chain changes, it will affect the rest of the chain.

