Year 2 Science Knowledge Organiser - Living Things and Their Habitats



## Knowledge: Features of Living Things

Certain things that all living things do are:

1. Move - think about how a flower will open up towards the sunlight.
2. Make energy from food and oxygen (breathe in).
3. Reproduce own type - animals have babies and birds lay eggs.
4. Respond to the place they are in - if plants are in the dark they grow towards the light.
5. Feed - animals eat food and plants make food from the sun.
6. Get rid of waste - e.g. when humans go to the toilet.
7. Grow.
8. Need oxygen (a gas from the air) and nutrients (from food in animals and soil in plants)
If you look at the flow chart you will see the features first letter spells out MRS GREN. You will learn more about this in year 4 !


| Vocabulary |  |
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| 1. Habitat | The natural home of an animal or plant. See examples. |
| 2. Features | Natural parts of the land, such as plants, soil and streams. |
| 3. Microhabitat | A habitat which is small or limited. See examples. |
| 4. Scientific <br> question | Question that helps us in answering the reason for some <br> observations. |
| 5. Depend | Be controlled or determined by. |
| 6. Shelter | A place giving temporary protection from bad weather or danger. |
| 7. Food chain | Who eats who. Always starts with producer (plant that produces <br> own food from the sun). |
| 8. Carnivore | An animal that feeds on other animals (meat eater). |
| 9. Herbivore | An animal that feeds on plants (plant eater). |
| 10. Omnivore | An animal that eats a variety of food of both plants and animals. |
| 11. Consumer | An animal that eats or uses something. |
| 12. Producer | An organism that makes their own food (plants use the sun). |

Did you know... an average sized tree can provide enough wood to make 170,100 pencils!


