

A lush, misty forest scene with large trees and a path. The forest is dense with green foliage, and the ground is covered in moss and ferns. A path leads through the trees, and a small stream is visible in the background. The overall atmosphere is serene and natural.

Living things and their habitats. Lesson 1

Today we will explore and compare the differences between things that are living, dead, and things that have never been alive.

Is it alive - [watch the clip](#)





Click on the picture and move it into the correct box.






(If you are at home you could go for a walk and look for things that would fit in each one of these boxes. Collect some items or take some photos and send them to us)



| Alive | Dead | Never lived |
|-------|------|-------------|
| | | |



How did you do?

| Alive | Dead | Never lived |
|--|---|---|
|  A collection of images representing living organisms: a field of yellow sunflowers, a red apple core with a stem and seeds, and two adult penguins with a small chick in a snowy environment. |  A collection of images representing dead organisms: a fish skeleton, three logs of wood, and a pile of brown autumn leaves. |  A collection of images representing non-living things: several colorful LEGO bricks, a silver laptop computer, and a chocolate cake with a slice removed and chocolate shavings on top. |

Living things have life processes.
They need food, water and air to stay alive.
They can sense changes in the environment.
They can move, grow and reproduce.

Non-living things can be things that were once living or part of a living thing, or they can be things that have never been alive.
They do not need food, water or air.
They cannot reproduce.



Is this really alive?



Watch this clip - [Seed](#)

Remember

Living things have life processes.
They need food, water and air to stay alive.
They can sense changes in the environment.
They can move, grow and reproduce.

Did the seed do any of these things?



Life Processes

All living things do certain things to stay alive.

These are called life processes.

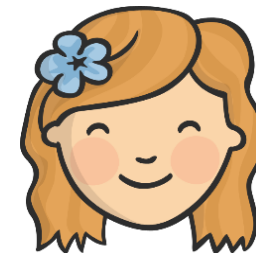
Animals, including humans, do these things.



Plants do too, although they do them in different ways.



We can remember these things by thinking about Mrs Gren .



Life Processes – what do these words mean?

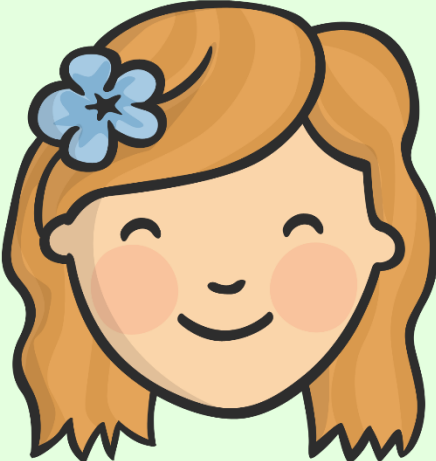
...discuss...



Characteristics of living things

Movement
Respiration
Sensitivity

MRS GREN

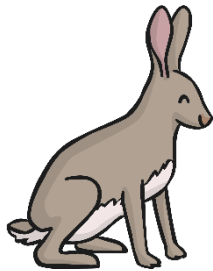


Growth
Reproduction
Excretion
Nutrition

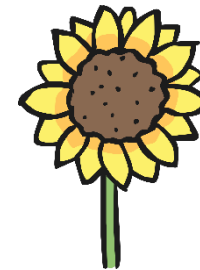
The central graphic is a light green rounded rectangle with a dark green border. It contains the title 'Characteristics of living things' at the top. Below the title are the first three letters of the acronym MRS GREN: Movement, Respiration, and Sensitivity. To the right of these words is the name 'MRS GREN' in a larger, bold green font. Below the name is a cartoon illustration of a girl's face with long brown hair and a blue flower in her hair. Below the girl's face are the remaining four letters of the acronym: Growth, Reproduction, Excretion, and Nutrition. The entire graphic is set against a background of two stylized trees with green leaves and brown trunks.

Life Processes – Movement

Click on the link to see a plant move – [moving after getting water](#).



A hare runs to escape from danger.



A sunflower moves to turn its face towards the sun.

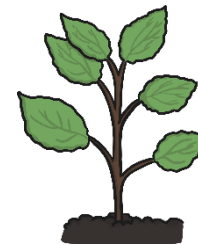
Life Processes – Respiration



Mammals breathe through their mouths and noses.



Plants take in and give out gases through their leaves.



Life Processes – Sensitivity

Click - [Watch the plant knows when you are touching it!](#)



Animals use their senses to see, hear, taste, touch and smell the world around them.



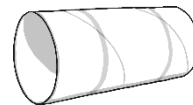
Plants can also detect changes in the environment. This mimosa plant curls up when you touch it!

Life Processes — Growth and Reproduction we saw on slide 5 with the seed.

Excretion.



How do you get rid of waste products from your body?



Left over gases and water leave plants through their leaves.



Life Processes – Nutrition

Click – [Watch these tomato plants moving towards the sun.](#)



Some animals eat plants, and some eat other animals. Bears eat both, like people!



Green plants make their own food using the energy from the sun.

Take a 5 minute break -

Get a drink or snack (if you are at home)
Everyone get up and stretch your body with
..... [Cha Cha Slide -](#)



Your Task.

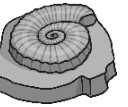
Living, Dead or never alive.

How can you tell?

Children at school complete the sheet on the next slide.

Children at home you DO NOT need to print it off, simply draw and write on paper and send us a photo.

If you can't think of what to draw use the pictures on this slide for ideas.



Living, Dead and Never Alive - How Can You Tell?



Group Names:

1. _____ 3. _____
2. _____ 4. _____

Draw your item:



Is it living, dead or has it never been alive?
How can you tell? Give three reasons:

1. _____

2. _____

3. _____

Draw your item:



Is it living, dead or has it never been alive?
How can you tell? Give three reasons:

1. _____

2. _____

3. _____

Draw your item:



Is it living, dead or has it never been alive?
How can you tell? Give three reasons:

1. _____

2. _____

3. _____
