



In this lesson the children will learn about the characteristics of living things using the acronym MRS NERG to help them.

Please have paper and pencil for this lesson.

Activity: Identify and sort a range of living and non-living things.

## Science Flashback!

Name this flower.



Name this animal. Can you also name its habitat?



What do we call a baby cow?



Bicycle tyres are made from which material?



Which food type gives you energy?



## Science Flashback!

Name this flower.

snowdrop



Name this animal. Can you also name its habitat?

dolphin, ocean



What do we call a baby cow?

calf



Bicycle tyres are made from which material?

rubber



Which food type gives you energy?

carbohydrates



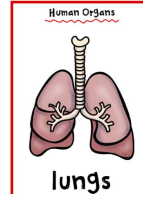
# ANSWERS

# What are the characteristics of living things?

## movement



## respiration



## sensitivity

### 5 Senses



## nutrition



## excretion



## growth



## reproduce



Vocabulary!



You will need paper  
and pencil.



MRS NERG is our way of finding out if something is living or non-living because living things do all of the things that MRS NERG reminds us of.

M  
R  
S

N  
E  
R  
G

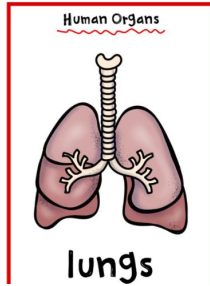
MRS NERG is our way of finding out if something is living or non-living because living things do all of the things that MRS NERG reminds us of.

## Movement



All living things move. Animals move to get from place to place, and plants can move as well. They grow and they turn towards the light when they are growing.

## Respiration



All living things respire. Plants and animals take in air and turn the food that they eat or make, into energy. Humans take in air through their lungs. Plants have really small holes on the bottom of their leaves called stomata and that is where the air enters and exits.

## Sensitivity

### 5 Senses



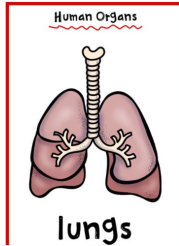
All living things are sensitive. That means they can detect changes in their surroundings. Humans and other animals have their 5 senses which they use to detect changes in their surroundings. Plants can sense changes in temperature or light and know what is going on in their surroundings.

## Nutrition



All living things need nutrition. Food is eaten by animals to provide energy and green plants can make their own food using sunlight.

## Excretion



All living things excrete. That means they get rid of waste products from their body. Human breathe out some of their waste products and also when they go to the toilet. Plants get rid of all their waste through the little holes on the bottom of their leaves.

## Reproduce



All living things reproduce. Animals have babies and plants produce seeds which more plants grow from.

## Growth



All living things grow. Animals grow from babies to adults and seeds grow into plants.

Living or non-living?



A \_\_\_\_\_ is a \_\_\_\_\_ because \_\_\_\_\_.

Movement  
Respiration  
Sensitivity

Nutrition  
Excrete  
Reproduce  
Growth



Living or non-living?



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Living or non-living?



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Activity: Can you sort the pictures into living and non-living things?  
Challenge: Choose 5 things in your house that you could add to the table.



Living

Non-living