DIVERSITY

Living & Non-Living Things

Living & Non-Living Things

THINGS AROUND US

Things around us have different **shapes**, **sizes** and **colours**.

This variety of things is called **DIVERSITY**.

Living Things	Non-Living Things
Living things are things which are alive.	Non-living things are things that are not alive.

Living Things
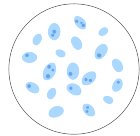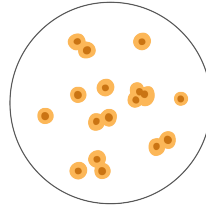
1. Animal	2. Plant	3. Fungi	4. Bacteria
Dog	Fern	Mushroom	
Cat	Rose	Yeast	Salmonella

Non-Living Things

1. Once Alive			2. Never Alive		
Some non-living things are made from living things that were once alive. Eg. Plants or animals.			Some non-living things come from the earth. Eg. Metal ores or are man-made like plastic		
Examples of Once alive			**Examples of Never alive**		
Wood	**Leather**	**Wool**	**Glass**	**Metal**	**Plastic**
Chair			Car	Pail & Shovel	

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Living & Non-Living Things

LIVING THINGS

Animal

Animals **DO NOT MAKE** their own food and they need **air**, **food** & **water**.

Herbivores	Carnivores	Omnivores
ONLY feed on plants	**ONLY** feed on other animals	Feed on **BOTH** animals and plants

Horse, Sheep, rabbit | Tiger, Lion, Eagle | Chicken, Pig, Dog

Plant

Plants make their own food in the presence of **sunlight**, **carbon dioxide** and **water**.

They can **MAKE** their own food because plants have chlorophyll.

Lettuce, Tomato, Long Beans, Hibiscus, Sunflower

Fungi

Fungi break down food, thus causing things to decay and they **CANNOT MAKE** their own food.

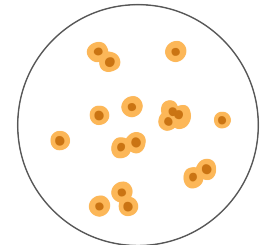Feeds on other living things, both dead and alive.
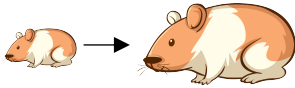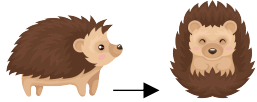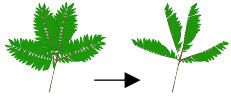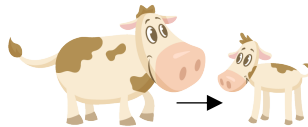
Mushroom, Toadstool, Mould

Bacteria

Bacteria are tiny living things called **micro-organisms** as they can only be seen Using a microscope. They **DO NOT MAKE** their own food.

Feed on other living things, both dead and alive.

Salmonella, Lactobacillus

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Living & Non-Living Things

CHARACTERISTICS	LIVING THINGS	NON-LIVING THINGS
Need Water, Air & Food	Need Water, Air & Food	Do not need Water, Air & Food
Die	Living things die	Do not die
Move by Themselves	Move by themselves Grows towards light — A dog moves to get food	Do not move by themselves
Grow	Grow in height, mass or length The pup grows into a hamster — A seed grows into a plant	Do not grow
Respond to Changes Around Them	Respond to changes around them A hedgehog rolls into a ball — A mimosa plant closes its leaves when touched	Do not respond to changes around them
Reproduce	Reproduce To ensure that their species does not become extinct and the continuity of their own kind. A cow gives birth to calf — A hen lays eggs that hatch into chicks	Do not reproduce

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