



## Warm-up

Take a walk outside. Look at the different things around you. Play "I Spy" with your friends.

For example, "I spy with my little eye something that starts with T." Your friends will guess different words by asking: Is it a living thing? Is it a turtle? Is it a tree? Answer them by saying yes or no.

## Learning

## Characteristics of Living Things

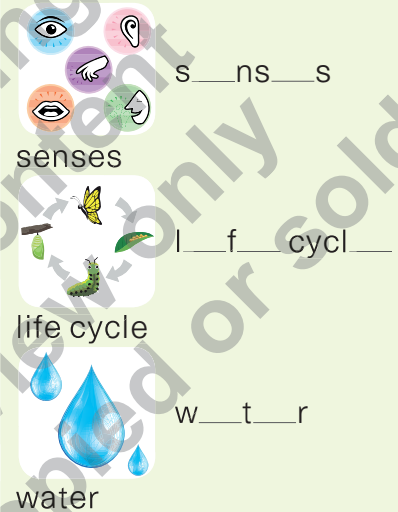
Must be able to:	Might be able to:
<ul style="list-style-type: none"> <li>Breathe</li> <li>Move</li> <li>Grow</li> <li>Reproduce</li> <li>Eat</li> <li>Have <b>senses</b></li> </ul>	<ul style="list-style-type: none"> <li>Be used as food by other organisms</li> <li>Have leaves, roots, or stems</li> <li>Fly</li> <li>Swim</li> <li>Go to school</li> </ul>

Living and Non-Living Things  
Examples:

Living	Non-living
<ul style="list-style-type: none"> <li>Plants</li> <li>Insects</li> <li>Weeds</li> <li>Humans</li> </ul>	<ul style="list-style-type: none"> <li>Rocks</li> <li>Soil</li> <li>Air</li> <li>Water</li> <li>Sound</li> </ul>

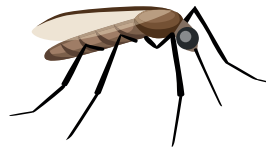
## Vocabulary

Look at the pictures. Fill in the missing vowels.



## Application

- Write **yes** or **no** under the picture to state if it is a living thing.



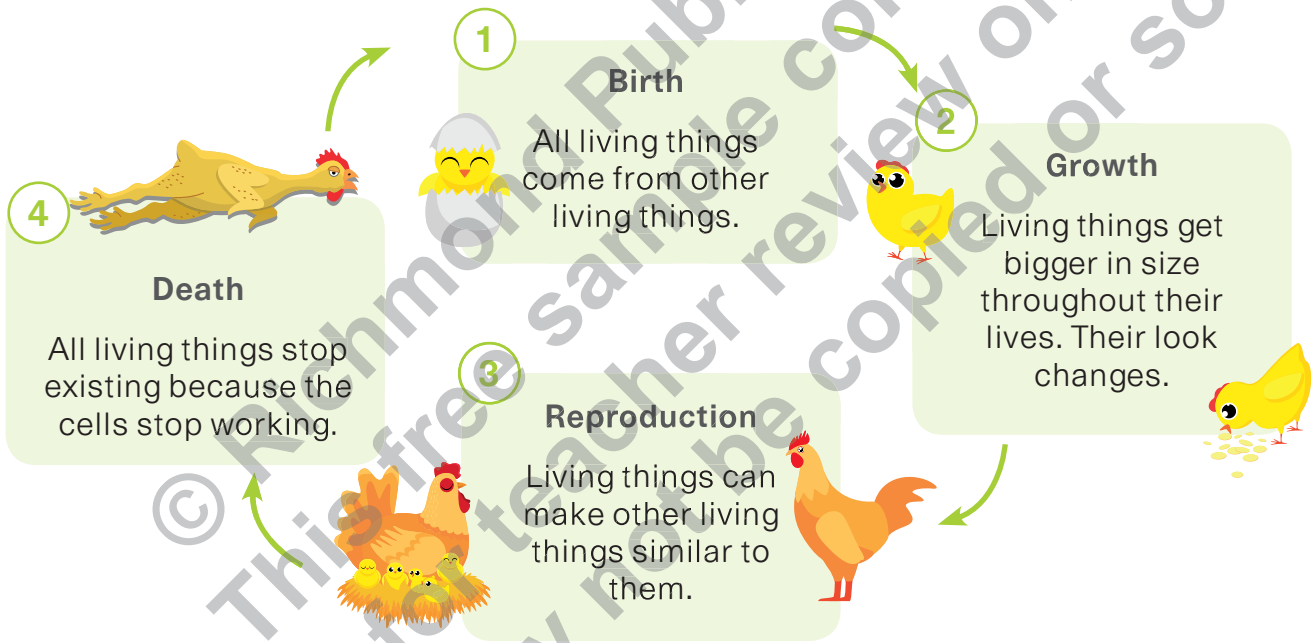
## Life Cycles

All living things, such as animals and plants, are born, grow, reproduce, and die. There are different non-living things that are needed for a living thing's life cycle to continue.



### Critical Thinking

Do you think non-living things are important to living things? Why?



### Did you know?

Non-living things cannot breathe, move, grow, reproduce, or eat.

### Application

- Choose a plant or animal and write its name.  
Draw the four stages of its life cycle.

- Plant or Animal:

\_\_\_\_\_

Birth	Growth	Reproduction	Death

## Environmental Factors

For a life cycle to happen, living things need **water**, the Sun, air, and soil. These non-living things are known as natural resources. Without them, living things will die. Some natural resources are: Water, air, sunlight, and soil.

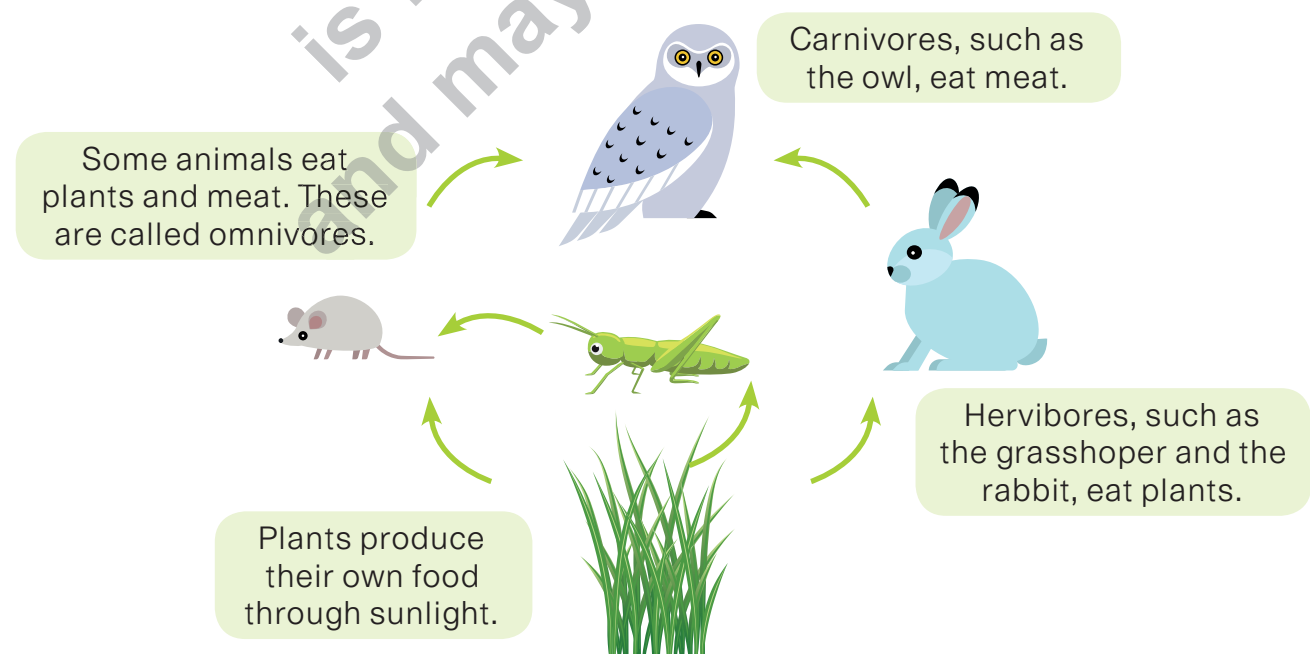
Think about it...

Which living creature is at the top of the food chain?



<b>Water</b>	<ul style="list-style-type: none"> <li>Vital liquid that hydrates living things</li> <li>Habitat for some organisms</li> </ul>	<b>Air</b>	<ul style="list-style-type: none"> <li>Gives animals oxygen to breathe</li> <li>Gives plants carbon dioxide for photosynthesis</li> </ul>
<b>Sunlight</b>	<ul style="list-style-type: none"> <li>Source of energy, heat, and light</li> <li>Living things need different amounts of sunlight</li> </ul>	<b>Soil</b>	<ul style="list-style-type: none"> <li>Provides minerals</li> <li>Habitat for some organisms</li> </ul>

These natural resources enable plants and animals to survive off of food. Look at this food chain to see how plants and animals depend on each other.



## Application

- Look at the picture and check the elements that living things get from their environment.

Oxygen

Sunlight

Water

Food

Clothes



- Use at least three living things from the picture to make your own food chain. Draw pictures in your notebook.



## Hands on!

### You will need

Newspapers or magazines, scissors, glue, markers or colored pencils, your notebook

### Instructions

- Make two columns in your notebook and write the headings "Animals" and "Plants."
- From a newspaper or magazine, cut out pictures of living things.
- Paste the pictures under the correct heading in each column.
- Under each image write: wild animal, domestic animal, edible plant or medicine plant, as appropriate.

## Learning

Some plants and animals have benefits for human beings:

### Plants

- Provide food source
- Produce oxygen for breathing
- Are used to produce other materials, such as textiles from cotton
- Are used as medicine

### Animals

- Produce food, such as honey and milk.
- Some insects are used in agriculture to eat other insects that damage crops.