

# Living and non-living things

Name:

*All living things are unique and have particular needs that may be distinctive.*

*All living things can be identified by their various characteristics.*

*All living things have differences and similarities and are dependant on one another.*

## CHARACTERISTICS OF LIVING THINGS

### 1. Movement

All living things move. Some movement may be so slow and very difficult to see.

### 2. Breathing/ Respiration

Respiration is the processes involved in the exchange of oxygen and carbon dioxide between an organism and the environment.

### 3. Feeding/ Nutrition

Nutrition is the process by which an organism takes in food and uses it for growth, maintenance and energy.

### 4. Excretion

All living things excrete. As a result of the many chemical reactions occurring in cells, waste products which might poison the cells need to be removed.

### 5. Growth

Growth is seen in all living things. It involves using food to produce new cells. The permanent increase in cell number and size is called growth.

### 6. Reproduction

All living organisms have the ability to produce offspring.

### 7. Sensitivity

All organisms detect and respond to select external stimuli. Organisms must be able to detect the properties of its environment and act appropriately. A living things must respond to changes in their environment.



















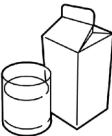

*To be considered "living," an item must have all of the defining characteristics of life and not just a few.*

(See activity on page 2)

**ACTIVITY 1:**

Study the pictures below and place them in the correct column.

Living	Non-living	Not sure

 Beans	 Fire	 Mushroom	 Earthworm
 Firewood	 Stones	 Bicycle	 Flowers
 Dog	 Grass	 Teddy bear	 Girl
 Clouds	 Mickey Mouse	 Lightning	 Electronics
 The three little pigs	 Water	 Milk	 Bearded dragon

Name three organisms that you cannot see with the naked eye.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_