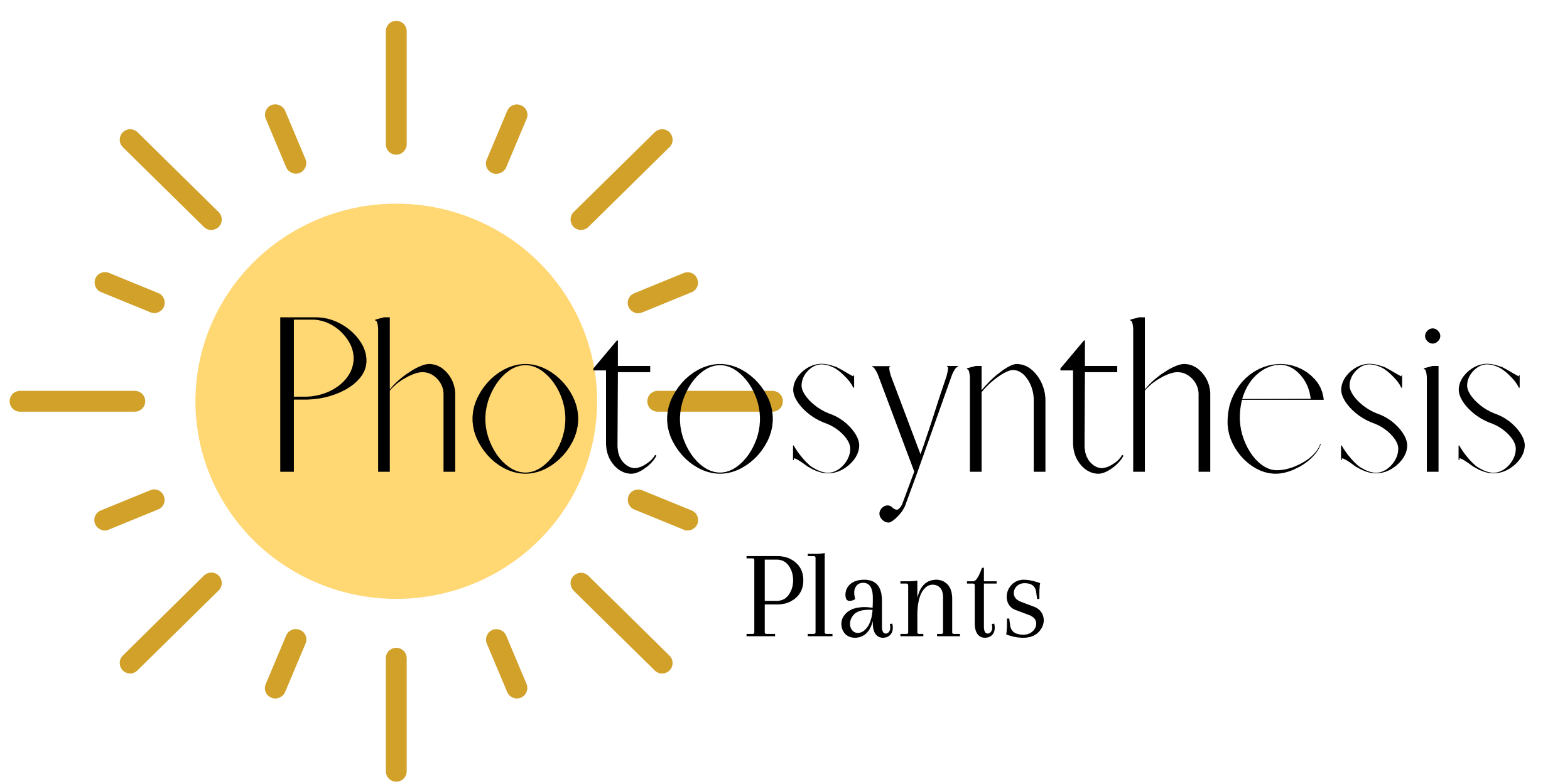


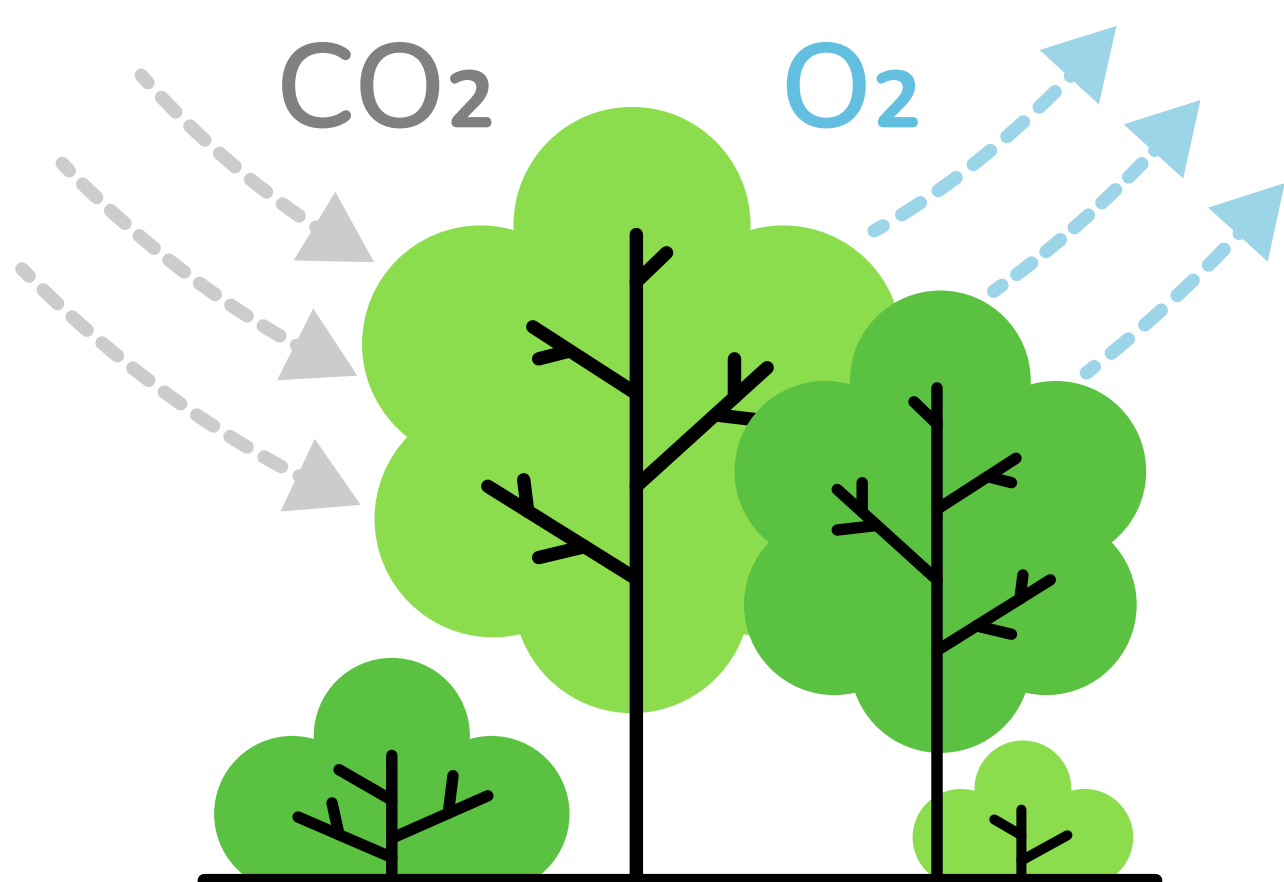
*Science*





What is Photosynthesis?

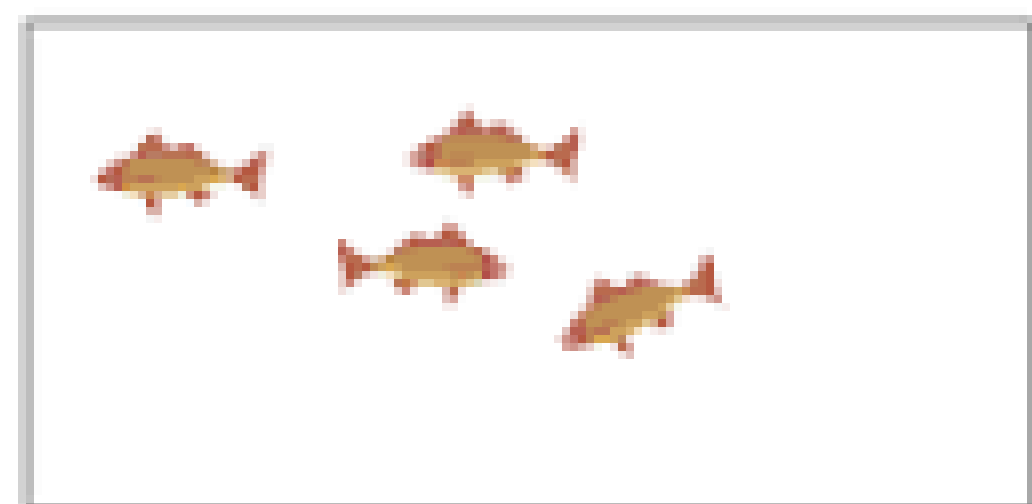
Three things needed in order for plants to make food?



# Ecosystem

## Biology

An ecosystem is a community of interacting organisms and their physical environment. The main difference between a community and a population is a community includes different species living in the same area while a population is same species living in the same area



population



community

# Ecosystem

## Biology

### Matching



Community



Population



Ecosystem

# Evolution

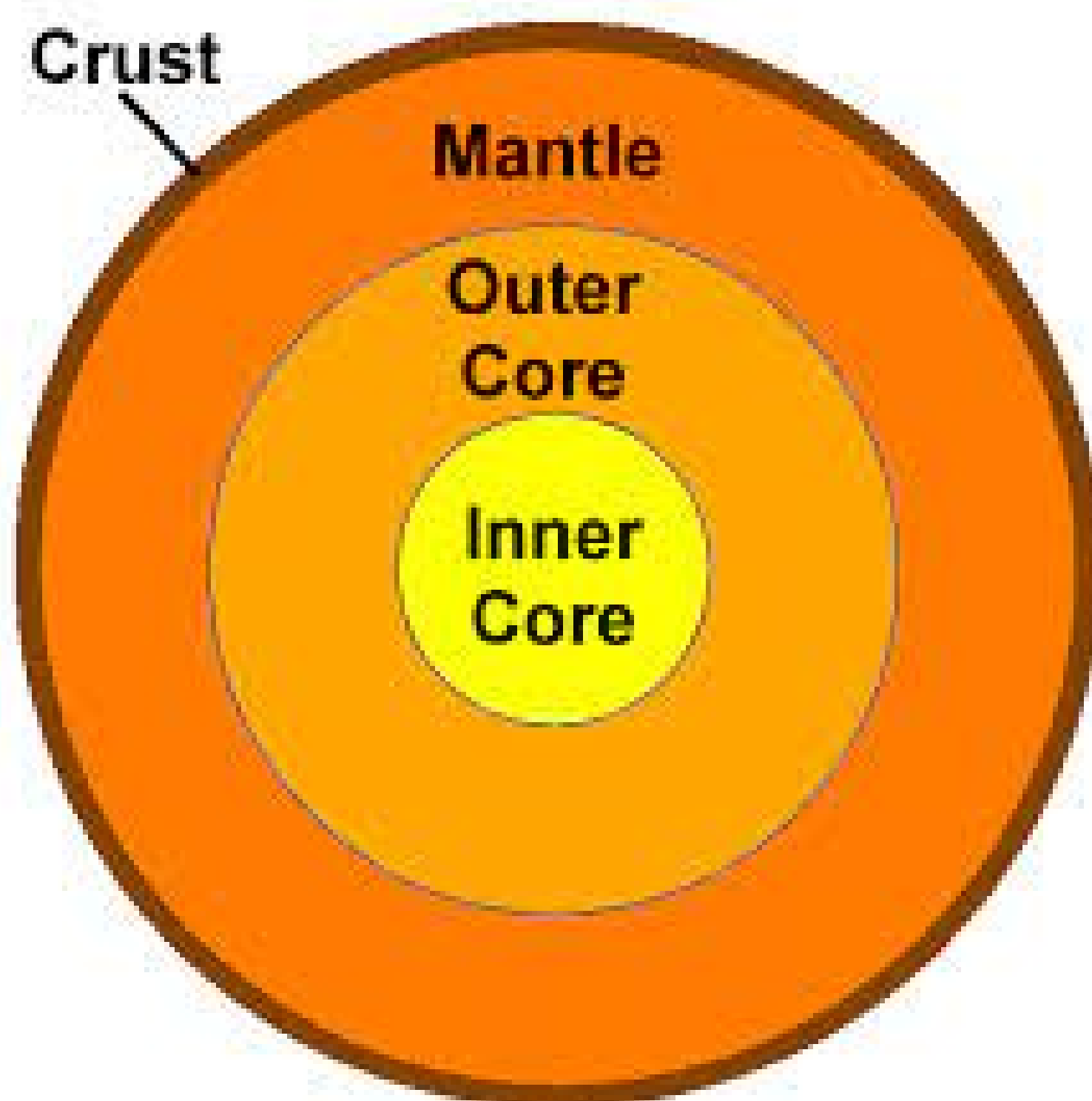
## Biology

Evolution is when a species adapts over time in response to its changing environment. An example of evolution would be humans evolving over time and not needing their appendix anymore because of the food that they eat now.



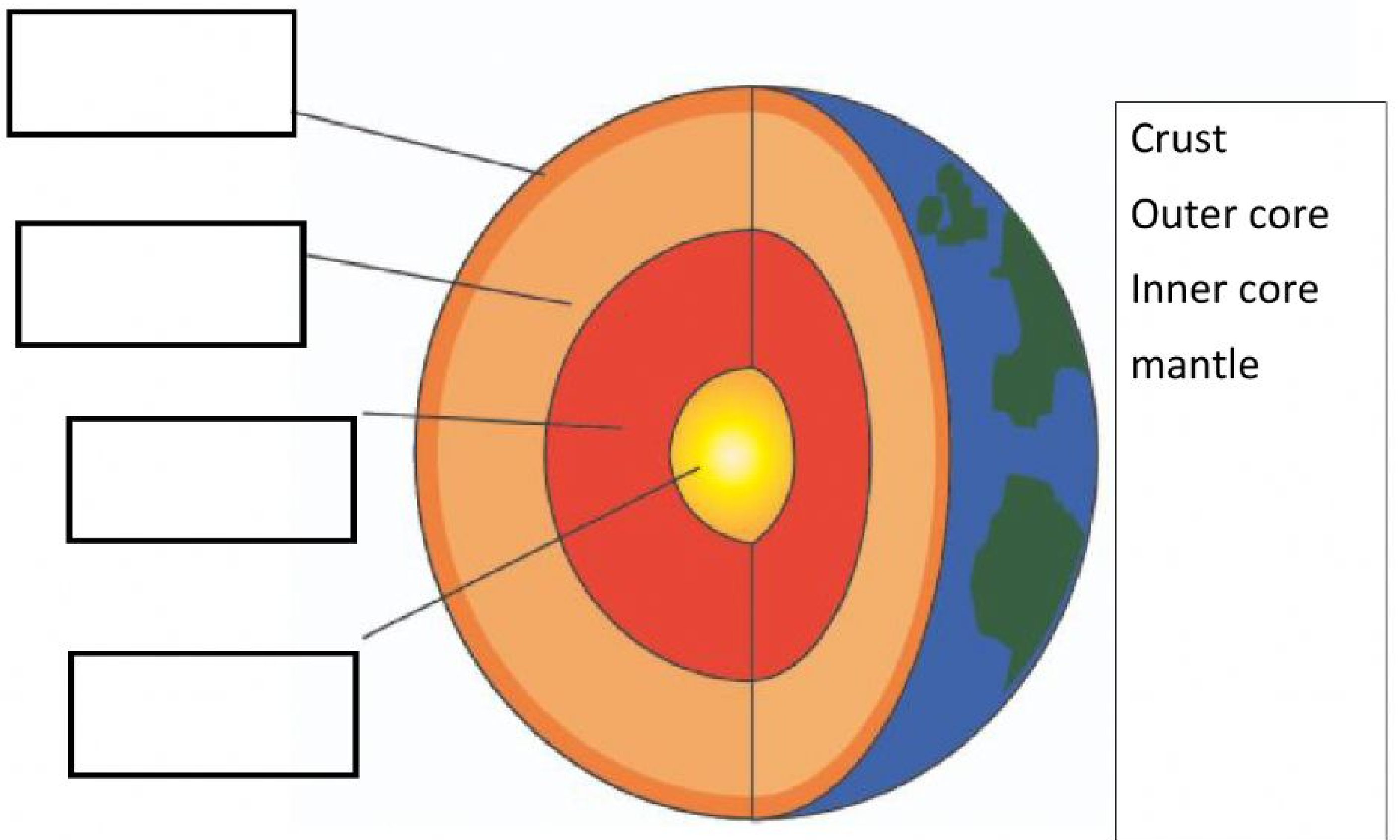
# Earth's layers

The first layer of the Earth is its crust which we walk on every day. The mantle is Earth's second layer it has two main parts the upper and lower mantle. The outer core is Earth's third layer which is only made out of liquid and metals. The last layer the inner core is primarily made of a solid ball.



# Earth's Layers

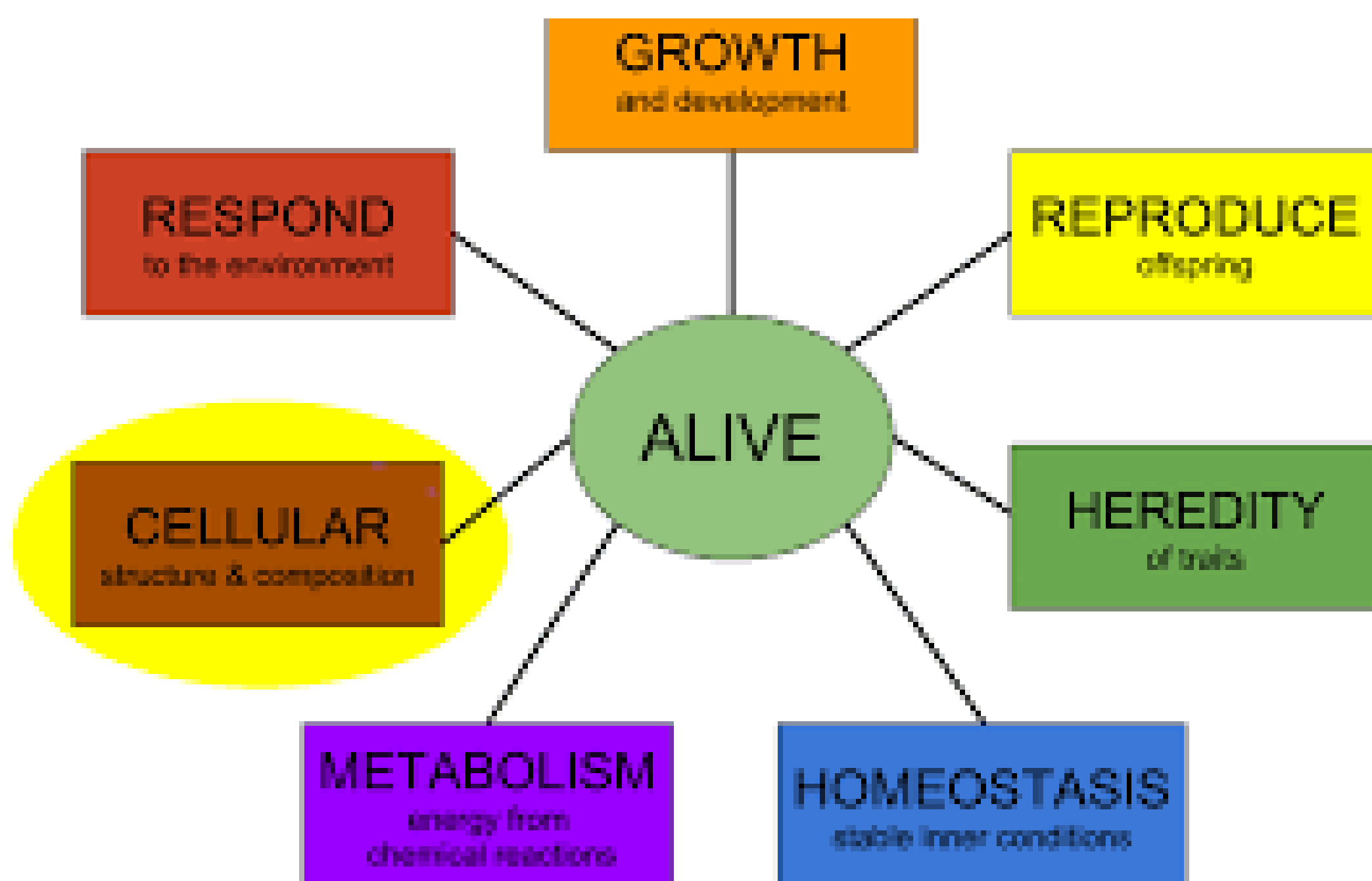
## Labeling



# Characteristics of life

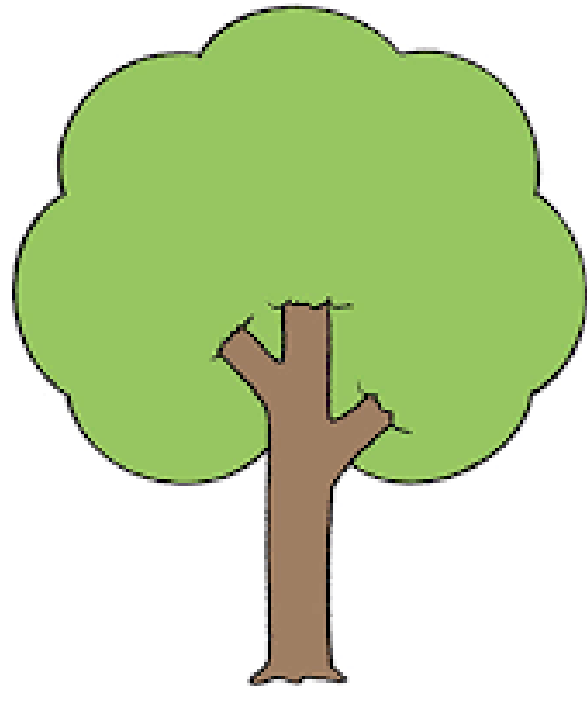
## Biology

All living things have eight things in common these are the ability to reproduce, growth and development, homeostasis, response to environment, adaption through evolution, heredity, cellular organization, and metabolism. Living things will exhibit all of these eight traits shown.





- reproduction



**living**

- do not need energy
- do not grow
- no homeostasis



**Nonliving**

- metabolism
- Growth and development

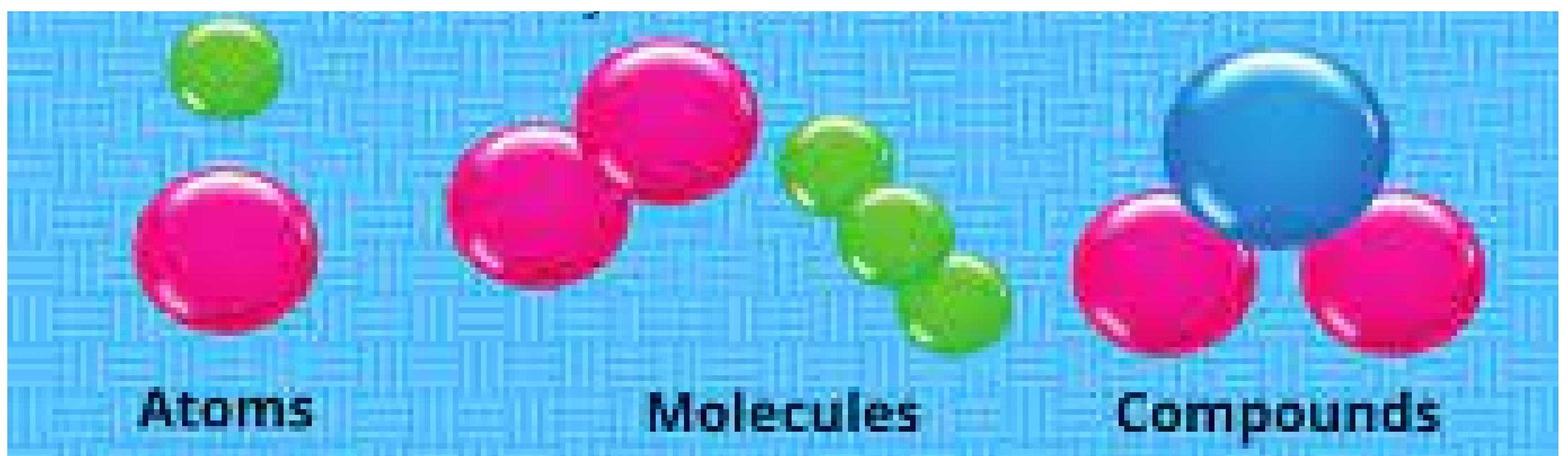
# Basic Chemistry

**Compound:** A thing that is composed of two or more separate elements it's basically a mixture.

**Element:** A substance that cannot be further broken down by any chemical reaction.

**Atom:** The basic unit of a chemical element.

**Molecule:** Two or more atoms connected by chemical bonds.





# Basic Chemistry

## Fill in the blanks

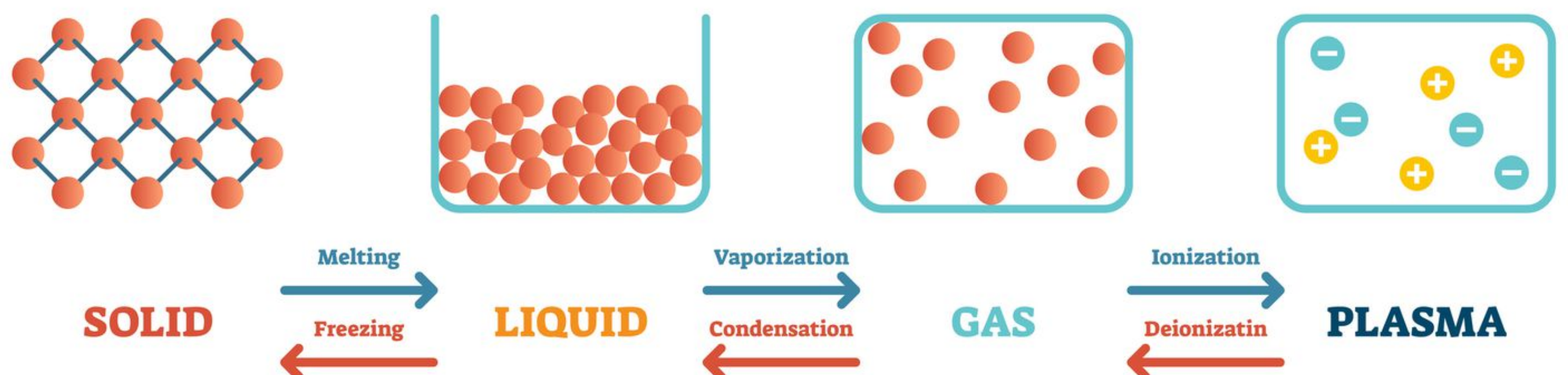
The basic unit of a chemical element is an \_\_\_\_\_. Something that is basically a mixture and composed of two or more separate elements is called a \_\_\_\_\_. A \_\_\_\_\_ has two or more atoms connected by chemical bonds. Cannot be broken down any further by a chemical reaction is an \_\_\_\_\_.

# States of Matter

The four states of matter that are observable in everyday life are solid, liquid, gas, and plasma. Gas particles are well separated with no regular arrangement.

Liquid particles are close together with no regular movement. Solid particles are tightly packed, usually in a regular pattern.

Plasma particles are similar to liquid particles that are close together with no regular movement.

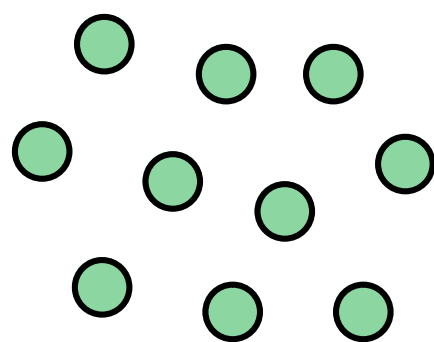




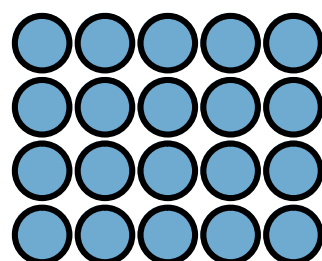
# STATES OF MATTER

Solid    Liquid    Gas

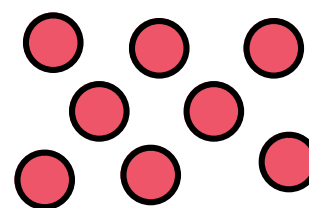
Write the state of matter that matches the molecules in the images below:



\_\_\_\_\_

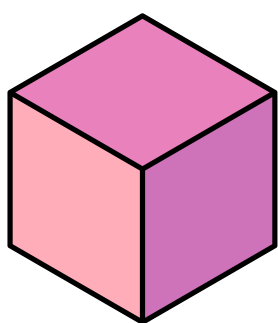


\_\_\_\_\_



\_\_\_\_\_

Write the state of matter that correctly corresponds to the images below:



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Write the state of matter that correctly corresponds to the descriptions below

- not rigid
- not a fixed shape
- fixed volume

\_\_\_\_\_

- rigid
- fixed shape
- fixed volume

\_\_\_\_\_

- not rigid
- not a fixed shape
- no fixed volume

\_\_\_\_\_

Draw an example of each state of matter in the boxes below. Different than the samples above.

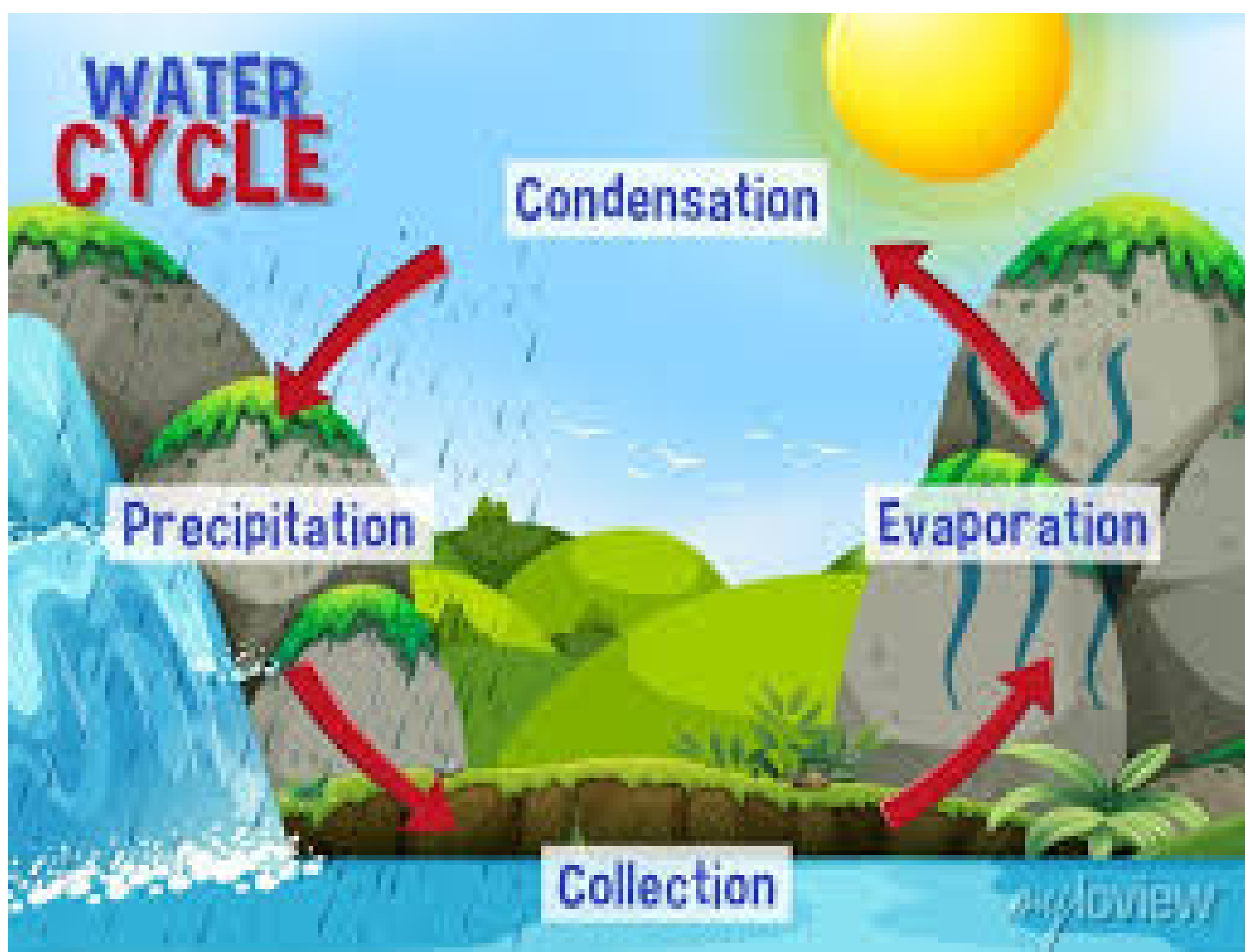
Solid

Liquid

Gas

# Water Cycle

The water cycle is described as water evaporating from the surface of the earth, rising into the atmosphere where it cools and condenses into rain or snow in the clouds. And then falls again as precipitation repeating the whole process all over again.





# Write the description of the water cycle

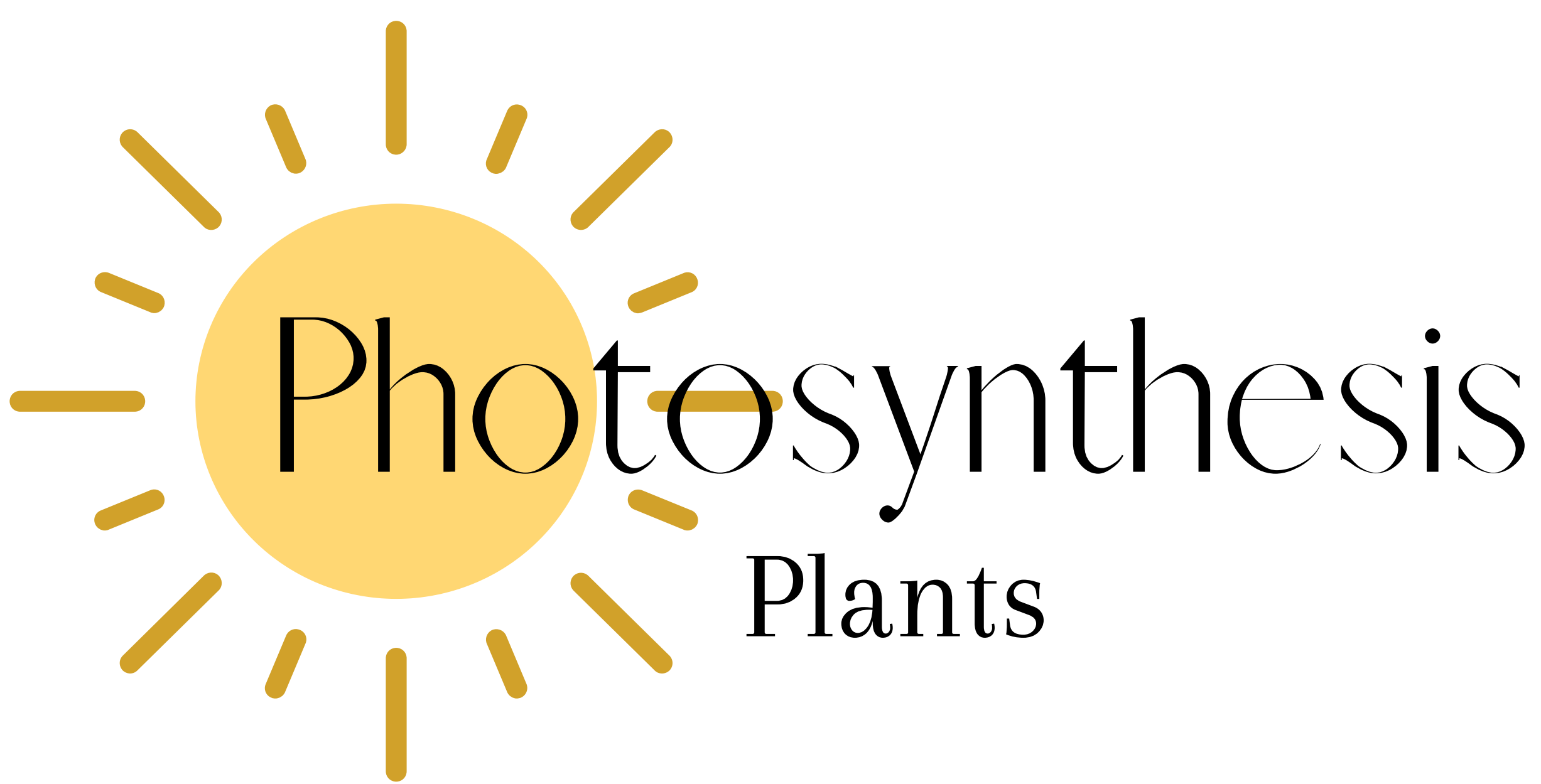
The diagram illustrates the water cycle with four stages, each represented by a cloud and a corresponding description box. Arrows indicate the flow from one stage to the next in a clockwise cycle.

- Top Stage:** A cloud with rain falling from it. Below it is a rectangular box with four horizontal lines for writing.
- Right Stage:** A cloud with arrows pointing down towards a body of water. To its right is a rectangular box with four horizontal lines for writing.
- Bottom Stage:** A cloud with wavy lines rising from it, representing evaporation. Below it is a rectangular box with four horizontal lines for writing.
- Left Stage:** A cloud with arrows pointing up towards it, representing condensation. To its left is a rectangular box with four horizontal lines for writing.

Arrows connect the stages in a clockwise cycle: from the top stage to the right stage, from the right stage to the bottom stage, from the bottom stage to the left stage, and from the left stage back to the top stage.

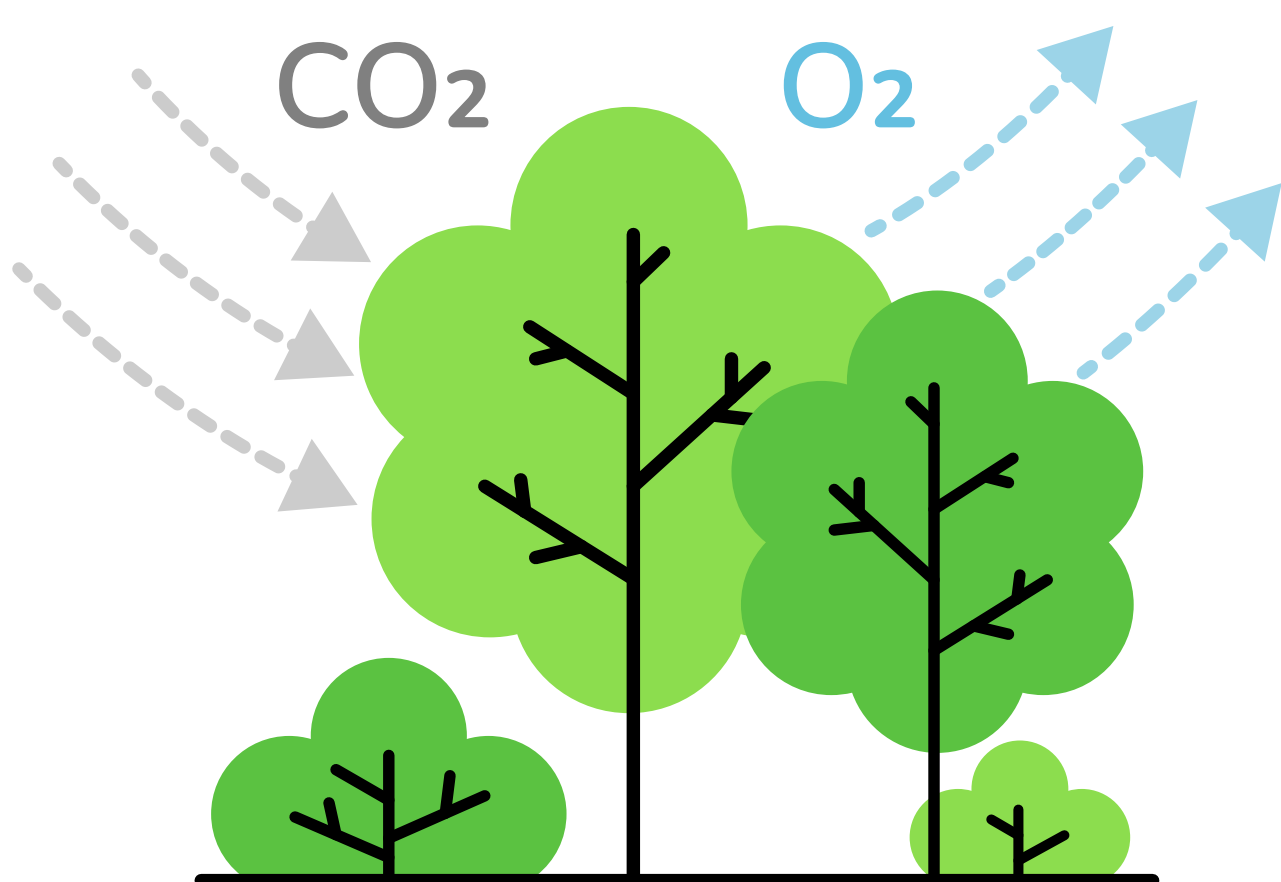
~~X~~ ANSWERS ✓





What is Photosynthesis? The process in which green plants use sunlight to make their own food.

Three things needed in order for plants to make food? Sunlight, water, and Carbon dioxide gas



# Ecosystem

## Biology

### Matching



Community



Population

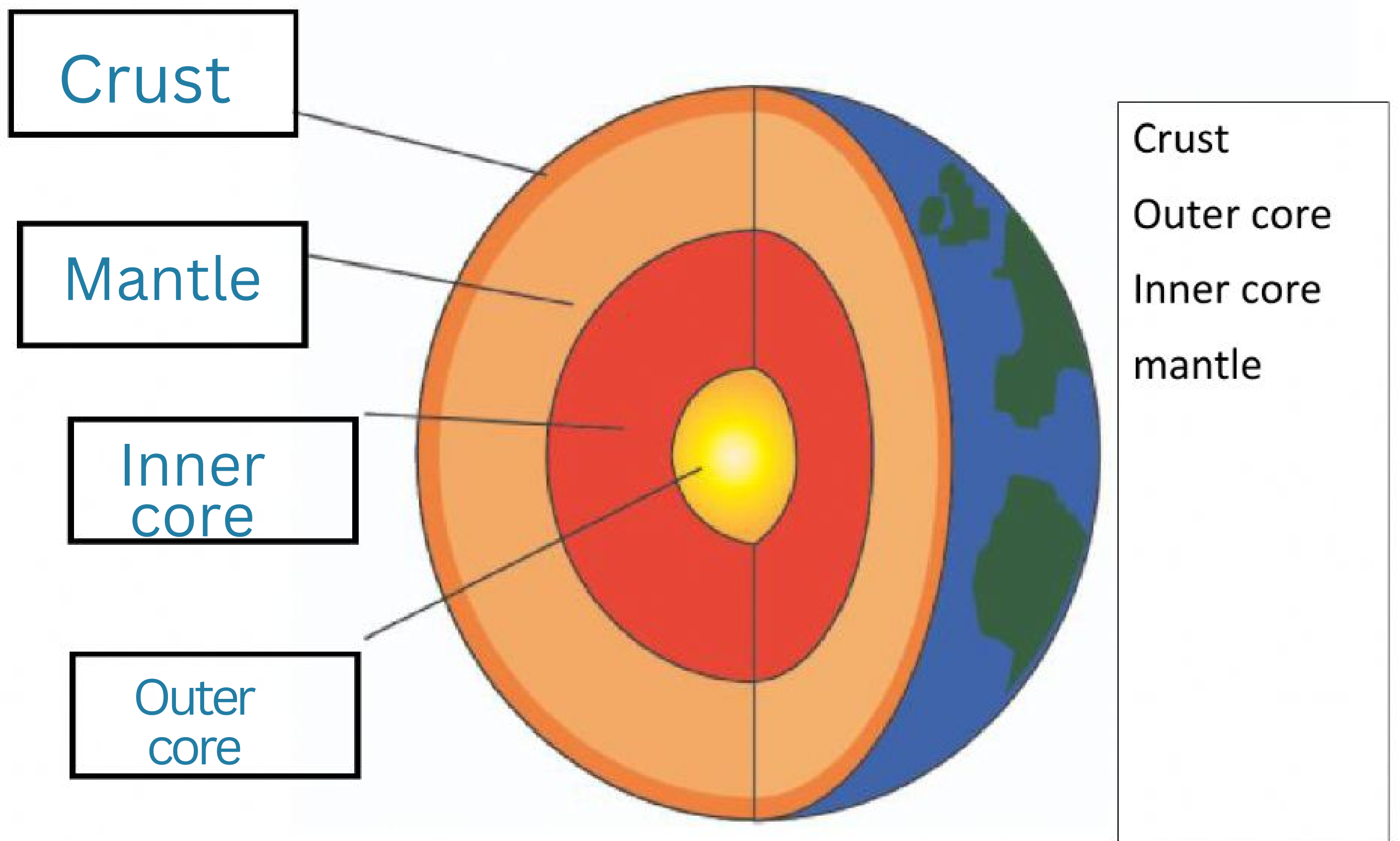
Gaudy Commodore  
(*Precis octavia*)



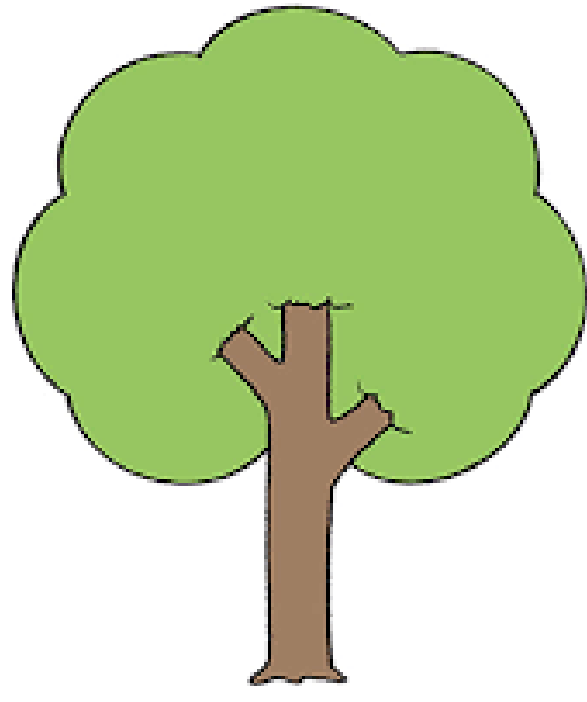
Ecosystem

# Earth's Layers

## Labeling







## living

- reproduction
- metabolism
- Growth and development



## Nonliving

- do not need energy
- do not grow
- no homeostasis

# Basic Chemistry

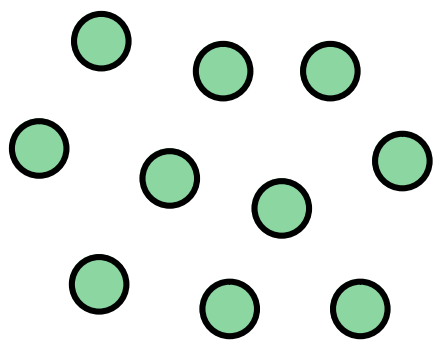
## Fill in the blanks

The basic unit of a chemical element is an Atom. Something that is basically a mixture and composed of two or more separate elements is called a Compound. A Molecule has two or more atoms connected by chemical bonds. Cannot be broken down any further by a chemical reaction is an Element.

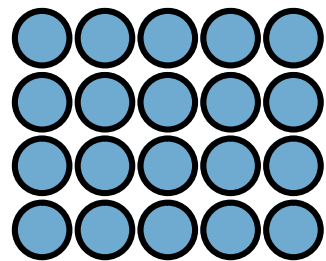
# STATES OF MATTER

Solid    Liquid    Gas

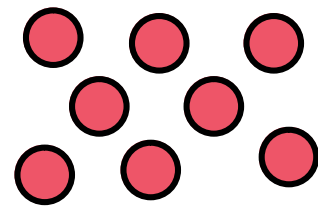
Write the state of matter that matches the molecules in the images below:



— Gas —

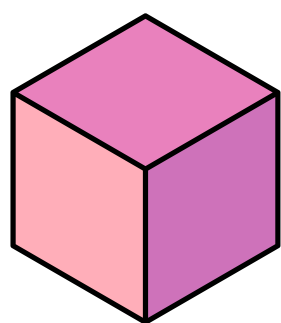


— Solid —



— Liquid —

Write the state of matter that correctly corresponds to the images below:



— Solid —



— Liquid —



— Gas —

Write the state of matter that correctly corresponds to the descriptions below

- not rigid
- not a fixed shape
- fixed volume

— Liquid —

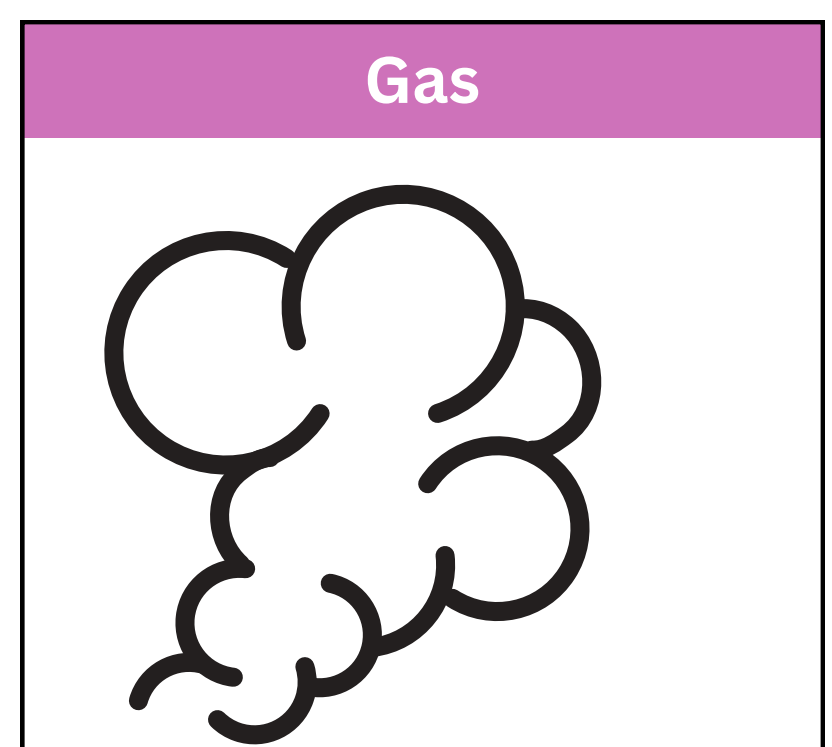
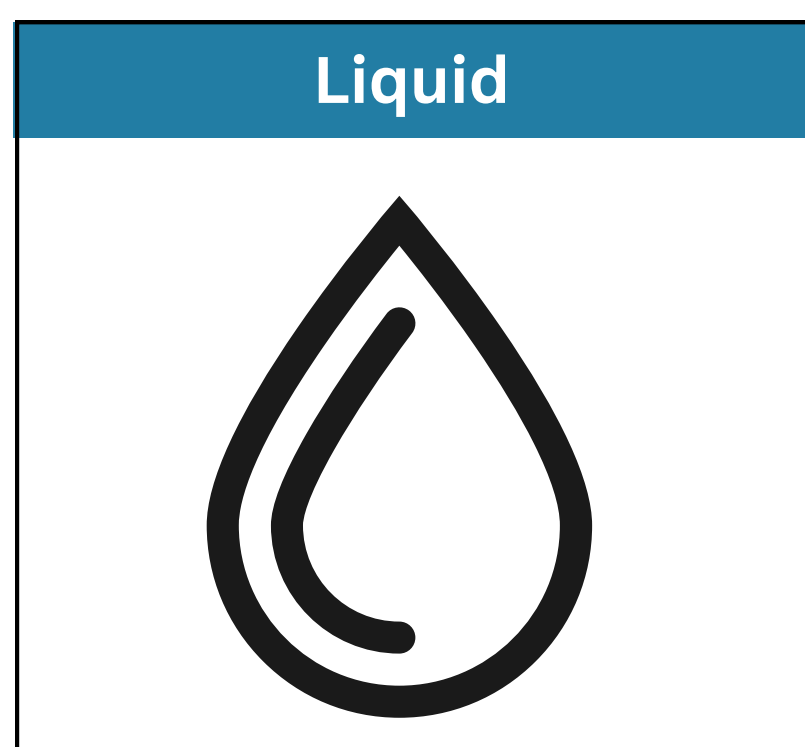
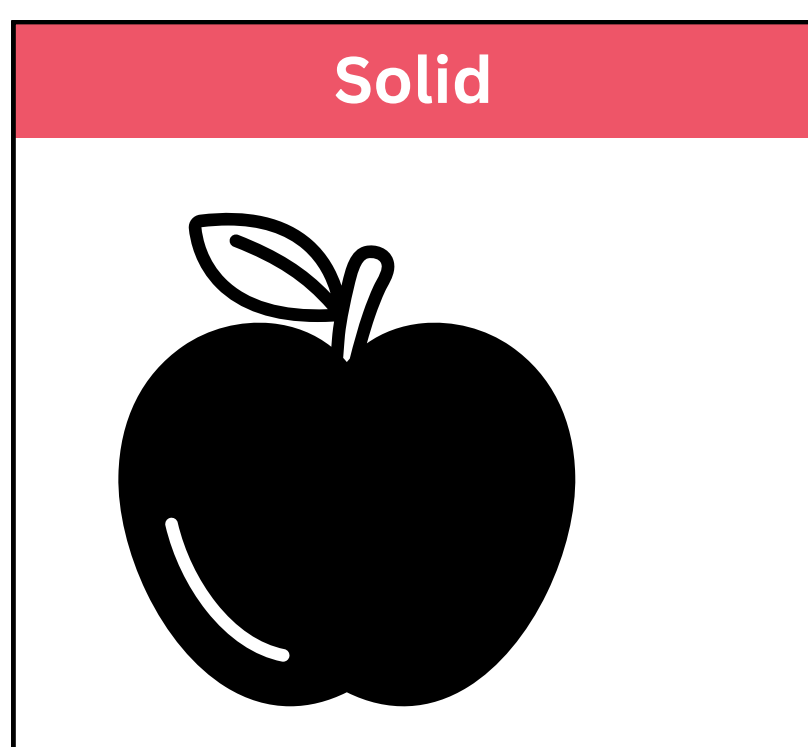
- rigid
- fixed shape
- fixed volume

— Solid —

- not rigid
- not a fixed shape
- no fixed volume

— Gas —

Draw an example of each state of matter in the boxes below. Different than the samples above.





# Write the description of the water cycle

