DAY 3: MATTTER AND ITS CHANGES

1. Watch the video "States of Matter" and answer the following questions.

1.1. What is a **matter**?

Matter is _____.

1.2. Which are the **properties of matter**?

The properties of matter are _____.

1.3. What are the states od matter?

They are s_____, ℓ_____ and g_____.

1.4. What characterizes a **solid**?

A solid has _____.

1.5. What are the characteristics of **liquids**?

A liquid has _____.

1.6. What are the features of a **gas**?

A gas has _____.

1.7. What happens in **melting**?

In melting, matter changes from _____ to _____.

1.8. What occurs in **solidification**?

In solidification, matter changes from _____ to _____.

1.9. What happens in **evaporation**?

In evaporation, matter changes from _____ to _____.

1.10. What occurs in **condensation**?

In condensation, matter changes from _____ to _____.

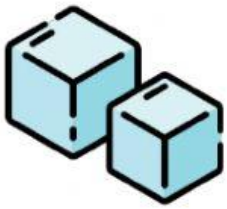
2. Observe the examples of matter and write 'Yes' or 'No' to describe them.

	SOLID		LIQUID		GAS	
	 Ice cube	 Rock	 Tea	 Water	 Balloon	 Cloud
DEFINITE SHAPE						
DEFIFINITE VOLUME						

3. Match each icon to the state of matter and its characteristic.

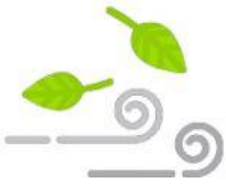
• Gas •

Its volume is always the same.



• Liquid •

It occupies all the space of its container.



• Solid •

It takes the shape of the container.

4. Classify these changes of state.

Ice cream in summer

_____

Making chocolates

_____

Vapour in a mirror

_____

Water boiling

_____

Fusing steel

_____

Freezing popsicles

_____

Creation of clouds

_____

Water disappears

_____

Butter in a pan

_____

Lava turns into rock

_____

Your breathe in a glass

_____

Drying clothes

_____

5. Watch the video 'Physical and Chemical Changes' and choose 'chemical change' or 'physical change' to complete the sentences.

a) A _____ doesn't create a new substance.

b) A _____ transforms one matter into another different matter.

c) A _____ changes only the appearance of substances.

d) A _____ creates a new substance.

e) A _____ leaves behind clues, such as a temperature change without heating or cooling.

f) A _____ changes the shape of matter but the mass and volume stay the same.

6. Classify the following examples as 'chemical change' or 'physical change'.

Cut paper in smaller pieces

_____

Volcano experiment

_____

Breaking a glass

_____

Make a fire (burning of fuels)

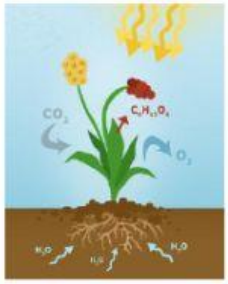
_____

Digestion of food

_____

Water cycle (changes of stare)

_____



Photosynthesis

_____

Mixing salt and water

_____