



Q1: Materials around us		20
Q2: Solid materials		10
Total:		30

NAME: _____

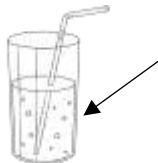
GRADE 4: _____

PARENT SIGNATURE: _____

TOTAL MARKS: 30

Question 1: Materials around us (20 Marks)

1.1) State whether the following diagram is a solid, liquid or gas. (3)



1.2) Explain the difference between the following:

A solid and a liquid.

(1)

A liquid and a gas?

(1)

1.3) What do you call the change of state when: (Give one word only)

A solid gains heat and becomes a liquid.

(1)

1.4) Underline the correct word for the following statement.

A gas changes to a liquid when the gas (loses/ gains) heat and condenses.

(1)

1.5) Differentiate between the terms 'melting point' and 'boiling point'.

(2)

1.6) Name ONE material that is solid at room temperature.

(1)

1.7) Name ONE material that will melt at room temperature.

(1)

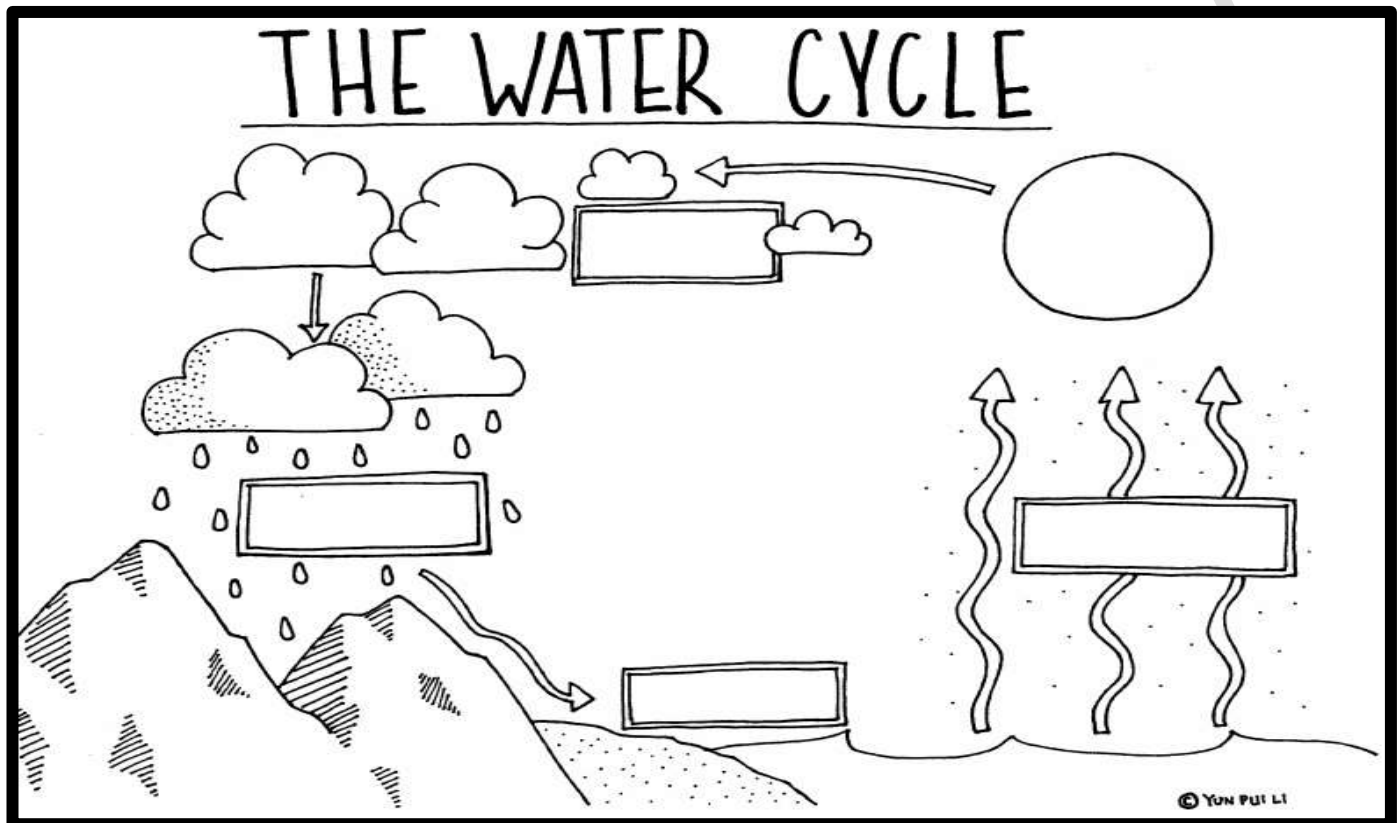
1.8) What do you call the device that measures temperature?

(1)

1.9) Label the parts of the Water Cycle.

(4)

Use the following words: **Condensation, Precipitation, Evaporation, Run Off**



1.10) Name ONE way in which water can fall back to the Earth.

(1)

1.11) When a body of water is heated, it changes to a gas. Name this gas.

(1)

1.12) What do we call the water that seeps back into the ground?

(1)

1.13) Give ONE reason why living things need water.

(1)

Question 2: Solid materials (10 Marks)

2.1) Identify each object and state what they are used for.

- a)  _____ (1)
- b)  _____ (1)

2.2) Match the raw material used to make other materials.

(4x½=2)

RAW MATERIAL	OTHER MATERIAL
Clay	Fabrics and leather
Sand	Paper
Animal wool and hides	Ceramics
Wood and fibre	Glass

2.3) Complete the following sentence:

(1)

Pine trees are used to make _____.

2.4) Why must we recycle paper?

(1)

2.5) Define the term 'manufactured material'.

(1)

2.6) Name ONE manufactured material formed from coal and oil.

(1)

2.7) A property of a manufactured material can be light or heavy.

Give another example.

(1)

2.8) What does it mean when a material is 'malleable'?

(1)