



SCIENCE REVISION PACK **UNIT 3 – STATES OF MATTER** **WHAT HAVE YOU LEARNT?**

Name: _____ Year 5: _____

Q1 – Write the missing words:

Solid Mass Gas Matter Liquid Volume States

- a. Everything you see around you is: _____
- b. All matter weighs something (has _____)
- c. All matter takes up space (has _____)
- d. Matter exists in one of the three _____
- e. _____ have a fixed shape and can be held.
- f. _____ feel wet, can be poured and take the shape of their container.
- g. _____ move around, fill up spaces and are usually invisible.

Q2 – List the differences among solids, liquids and gases.

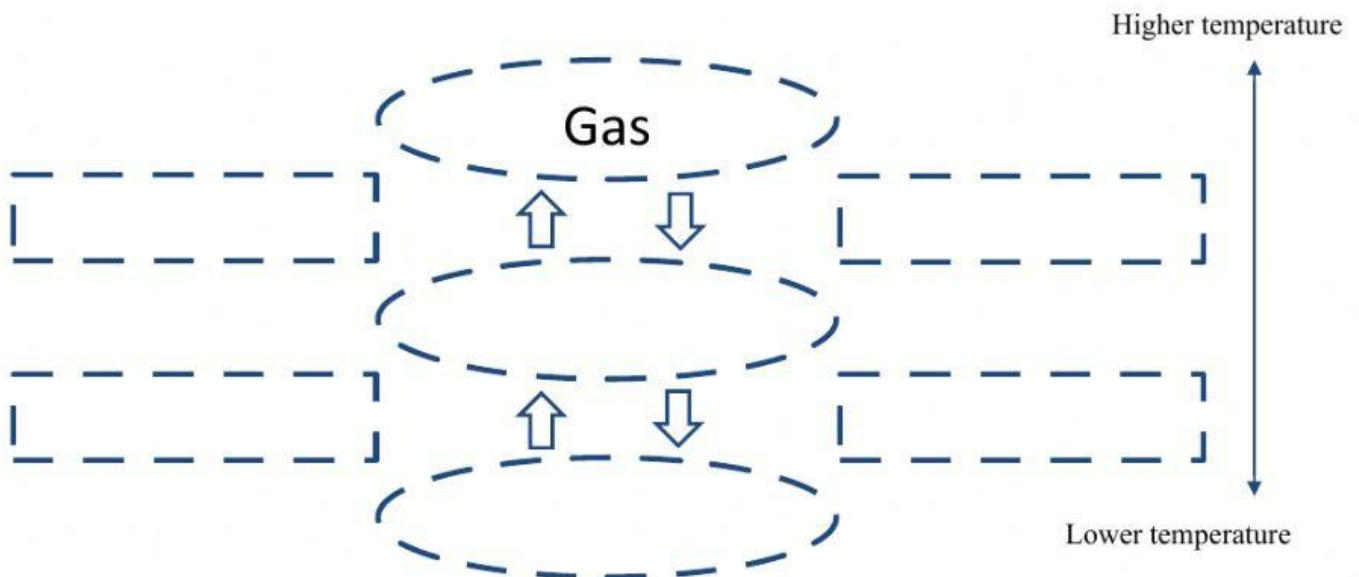
<i>Property</i>	<i>Solid</i>	<i>Liquid</i>	<i>Gas</i>
Shape			
Volume			
Particles			

Q3 - Sort the things below into the right group:

Sand	Water	Milk	Water vapour	Ice	Wood	Oil	Oxygen
		Fruit juice	Air	Nitrogen	Sugar		

Solid	Liquid	Gas

Q4 – Complete the diagram below:



Q5- Fill in the blanks with an appropriate word:

a. The liquid in the puddle is bei by the sun.

b. The particles have more energy, so they move into t

c. When this happens, the particles of water change state from a

 to a



Q6 - Complete the sentences:

a. Condensation happens when a [] is cooled and changes state into [].

b. What is on the outside of the can? []

c. Give another example of where condensation happens.

[]



Q7 - Answer the questions below:

a. What do you need to do to make the water boil? []

b. What are the bubbles in boiling water made from? []

c. What is the boiling point of water? []

d. Is it possible to heat water above the boiling point? Explain your answer.

[]
[]
[]

Q8 - Name these processes:

Condensation

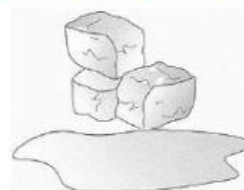
Melting

Evaporation

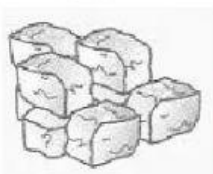
Freezing



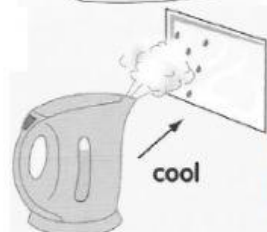
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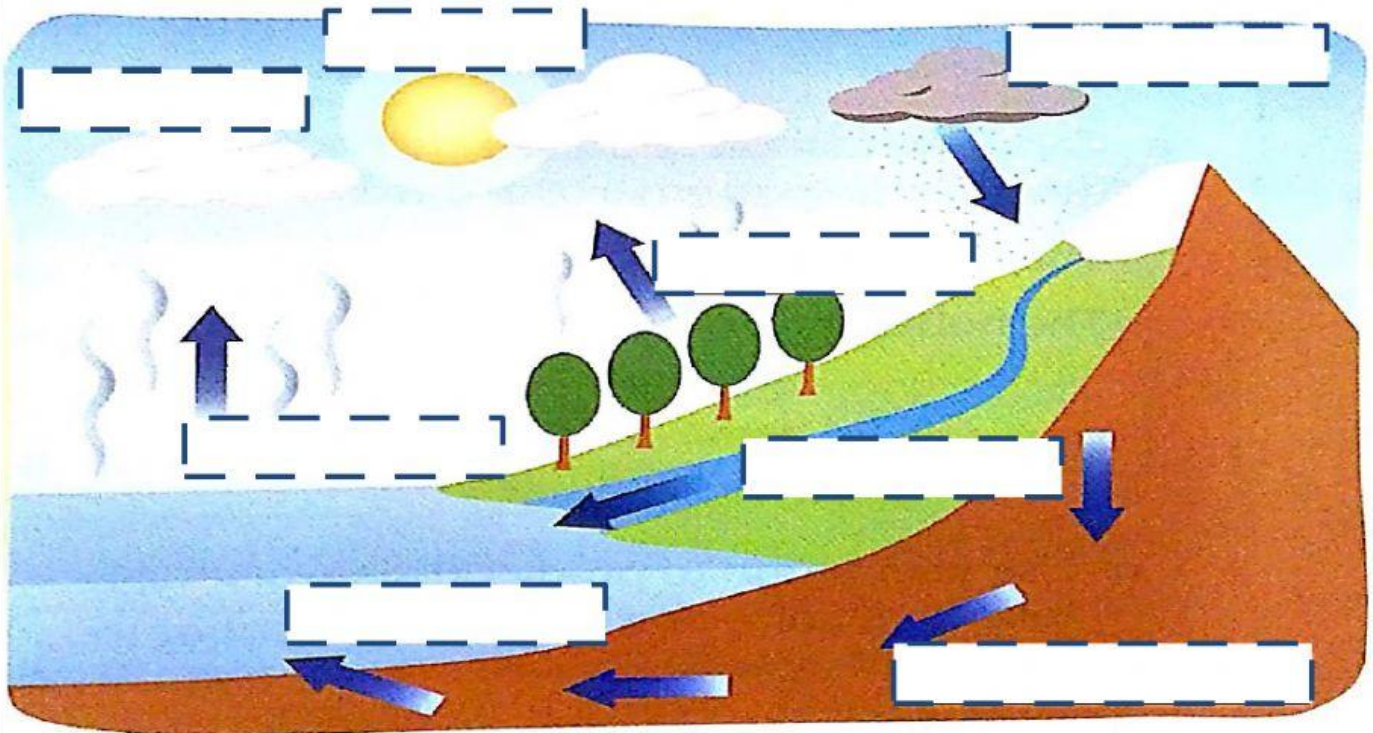


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Q9 - Guess the process in the clues below:

- a. Raising Temperature:
- b. The process in which a solid becomes a liquid:
- c. Lowering Temperature:
- d. The process in which liquid becomes gas (vapour):
- e. The process in which liquid becomes a solid:
- f. The process in which a liquid becomes a gas:

Q 10 – Fill in the spaces in the diagram of water cycle below:



Q11 – Describe two properties that all matter has.
