Science	**Topic 1** ➢ Changes of state ➢ What do we know about Solids, Liquids and gases ➢ Liquids and Solids ➢ Solid, Liquid and gas ➢ Investigating Evaporation ➢ Water cycle	PowerPoint Presentation and worksheets saved in **General-Files-Assessments Topics-Science-**with the given folder name-**Changes of state-1** **Textbook Reference:** **Textbook pages 1, 2, 3, 4, 5, 6, 7, 12, 14, 15 & 16.** **Workbook pages 1, 2, 3, 4, 5, 6, 12, 13 & Worksheets.**

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Science practice sheets
Year 4
2025 - 2026
Term 2

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Section A: Scientific Vocabulary & Understanding

Q1. True or False

Write True or False.

1. Solids have a fixed shape.

   _____

2. You can pour some solids.

   _____

3. Gases have a fixed shape.

   _____

4. If you pour a liquid, it will have a flat top.

   _____

5. Air is all around us.

   _____

6. Liquids have a fixed shape.

   _____

7. All solids have the same properties.

   _____

8. There are different types of liquids.

   _____

9. Evaporation is caused by heat.

   _____

10. Precipitation is only rain.

    _____

11. Condensation forms clouds.

    _____

12. The water cycle repeats.

    _____

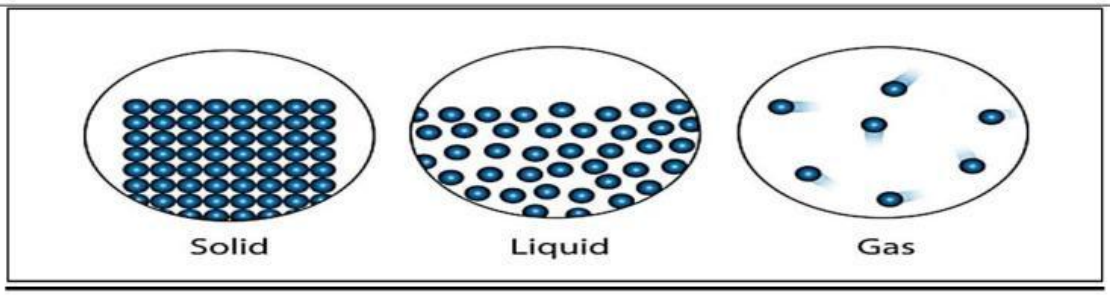
LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q2. Use the words from the Word Bank to fill in the blanks

Gas	shape	moves	closely
	far	volume	



1. Air is a _____.
2. A solid keeps its _____.
3. Liquid particles can _____.
4. Solid particles are packed very _____.
5. Gas particles are _____ apart.
6. Liquids have a fixed _____.

Section B: Sorting

Q3. Sorting Matter

1. Milk, Air, Dates
2. Solid _____ Liquid _____ Gas _____
3. Juice, Stone, Air
   Solid _____ Liquid _____ Gas _____
4. Bread, Steam, Karak tea
   Solid _____ Liquid _____ Gas _____
5. Sound, Air, Light, Book
   Matter _____ Not matter _____

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q4. Sort the items into solid, liquid, or gas by drawing lines to the correct state of matter:

A wooden chair	•	• Solid
The bubbles in my lemonade	•	
Orange juice	•	• Liquid
Tomato ketchup	•	
A piece of chocolate	•	• Gas
The helium inside my balloon	•	

Q5. Tell whether each is a solid, liquid, or gas.

1. Milk - _____
2. Cookie - _____
3. Oxygen - _____
4. Fish - _____
5. Pencil - _____
6. Maple syrup - _____
7. Shampoo - _____
8. Carbon dioxide - _____
9. Ice cube - _____
10. Paint - _____

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q6. Complete each sentence with the word solid, liquid, or gas.

1. A _____ has a definite shape. It does not take the shape of its container. It also has a definite volume because it can be measured.
2. A _____ does not have a definite shape. It takes the shape of its container. It does have a definite volume because it can be measured.
3. A _____ does not have a definite shape. It sometimes takes the shape of its container and sometimes flies freely around you. These particles are not connected to each other and takes up whatever space is available.

Section C: Changes in Matter

Q7. Heat or Cool

1. Melting → _____
2. Freezing → _____
3. Evaporation → _____
4. Condensation → _____

Q8. Multiple Choice

Circle the correct answer.

1. A book is a:
   A. Liquid B. Gas C. Solid
2. Which is a liquid?
   A. Ice B. Juice C. Chair
3. Which is a gas?
   A. Rice B. Karak tea C. Oxygen

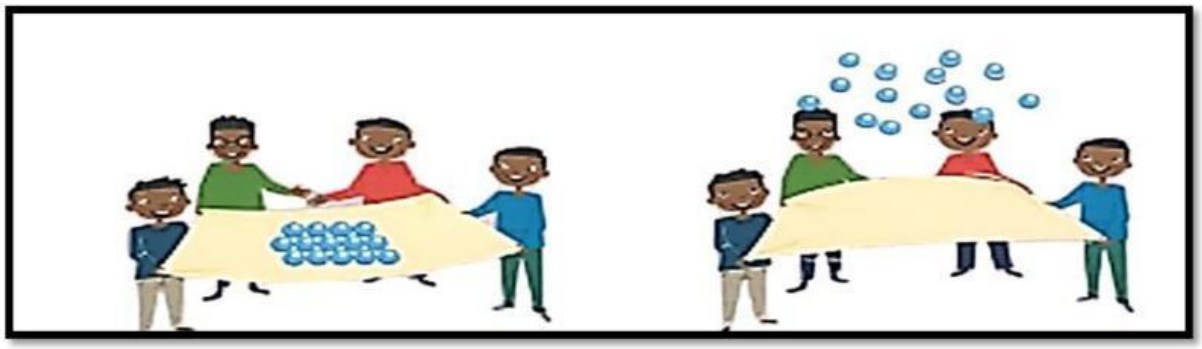
LO: | | Excellent! | | Very good! | | Good job! | | Revise

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

4. A liquid:
   A. Has fixed shape
   B. Can flow and be poured
   C. Cannot be seen
   D. Is always hard
5. Which can be poured?
   A. Table B. Stone C. Water D. Plate
6. Steam is a:
   A. Solid B. Liquid C. Gas

Q9. Investigating Evaporation.



Q1. Describe how the first picture is a model of a liquid.

Q2. How does the other picture show water as a gas?

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q3. Explain evaporation. You can use a diagram to help.

Q10. Complete the worksheet by reading the instruction below.

Changing State

below 100°C		evaporates	condenses	freezes
heat	cool	melts	0°C	100°C
	0°C	cool	heat	

Using the words above complete the sentences below.

If you _____ water to a temperature of _____, it _____ to form water vapour.

If you _____ water vapour to a temperature of _____, it _____ to form water.

If you _____ ice to a temperature of _____, it _____ to form water.

If you _____ water to a temperature of _____, it _____ to form ice.

LO: | | Excellent! | | Very good! | | Good job! | | Revise

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q11. Answer the following questions.

1.What is melting?

_____

_____

2. What is freezing.

_____

_____

3. What happens to water when you put it in the freezer?

_____

_____

4. What happens to chocolate when you leave it in the sun?

_____

_____

5. Why does a puddle disappear on a sunny day?

_____

_____

6. How do clothes dry faster on a hot, windy day?

_____

_____

7. Where does melted ice go after some time?

_____

_____

8. Why does steam form when water boils?

_____

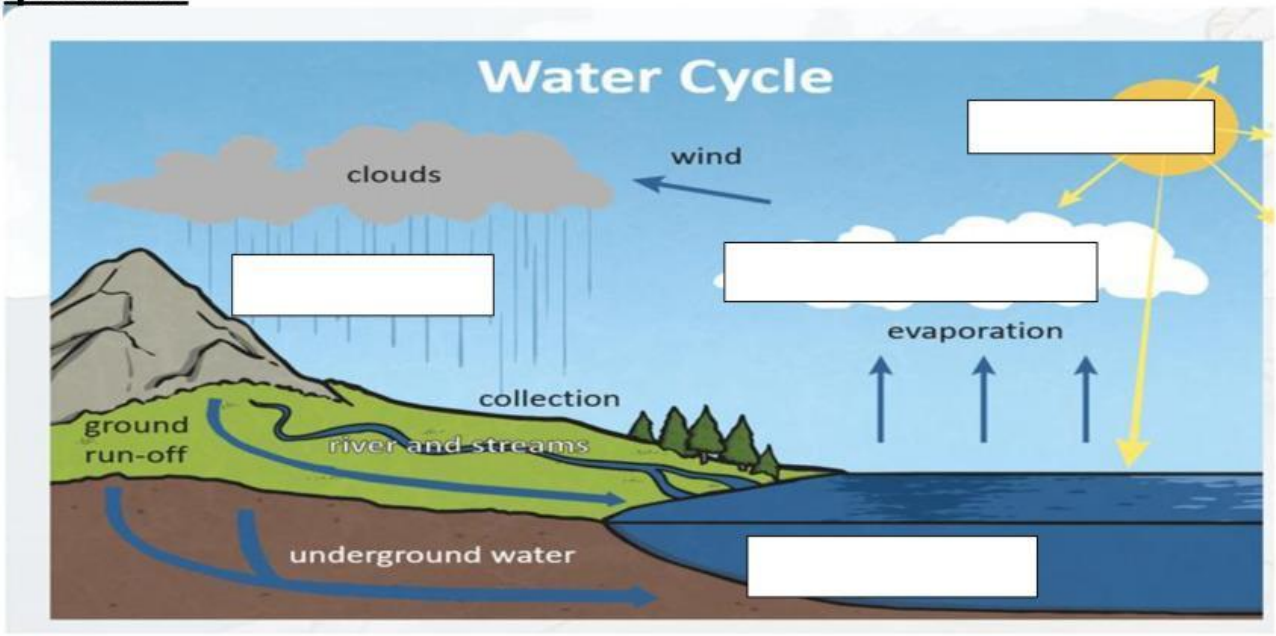
_____

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q12. Label the following water cycle diagram and answer the questions.



Questions:

1. What is condensation?

2. How are clouds formed?

3. Why does precipitation happen?

4. Where does rainwater go after it falls?

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q13.Draw the arrangement of particles in the three states of matter and answer the questions.

Questions

1. What is different about the particle arrangement in solids and liquids?

   _____

   _____

2. How are gas particles different from solid particles?

   _____

   _____

3. Why can liquids flow but solids cannot?

   _____

   _____

4. Why can gases spread in all directions?

   _____

   _____

LO: || Excellent! || Very good! || Good job! || Revise

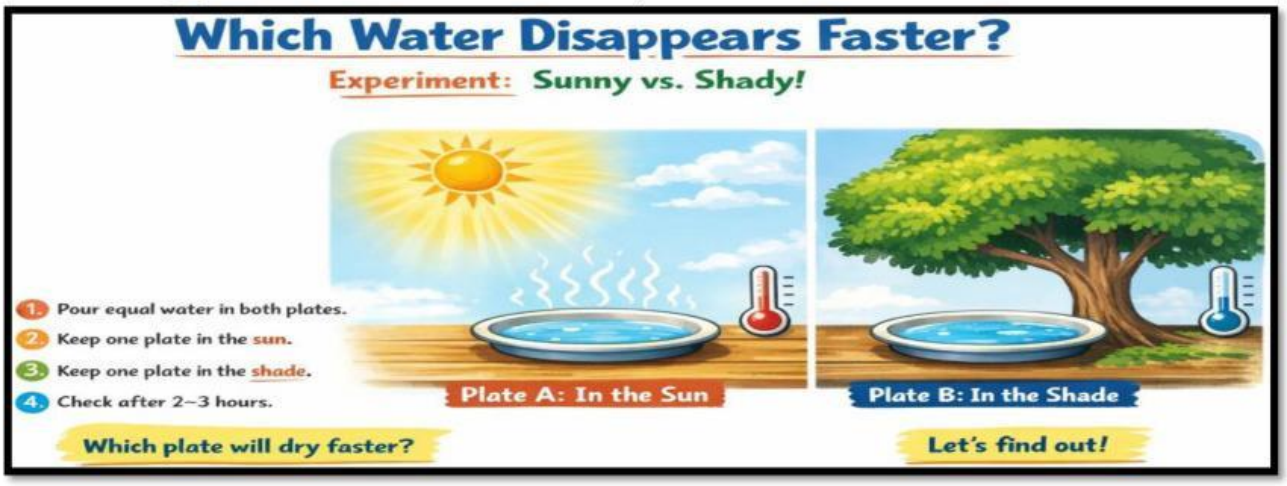
"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Q14. Experiment – Evaporation- Which water disappears faster?

You need:	Steps:
• 2 small plates • Water • Sunny place • Shady place	1. Pour equal water in both plates. 2. Keep one plate in the sun. 3. Keep one plate in the shade. 4. Check after 2–3 hours



Questions:

1. Which plate dried faster?

   _____

   _____

2. Why did it dry faster?

   _____

   _____

3. What caused the water to disappear?

   _____

   _____

4. How can you prove evaporation happened?

   _____

   _____

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

LIVEWORKSHEETS

Name:		Term: 2 - Year 4
Subject: Science	Date:	Practice sheets
LO: I can complete concepts taught in this term.		

Think out of the box!



"Imagine a magical world where matter can change states in an instant. What if you could make ice cream without a freezer or melt metal with a touch? How would your life be different if you could change the state of matter around you just by wishing it? What new inventions or adventures would you create with this power?"
What do you think? Ready to spark some creative thinking?

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise

LIVEWORKSHEETS