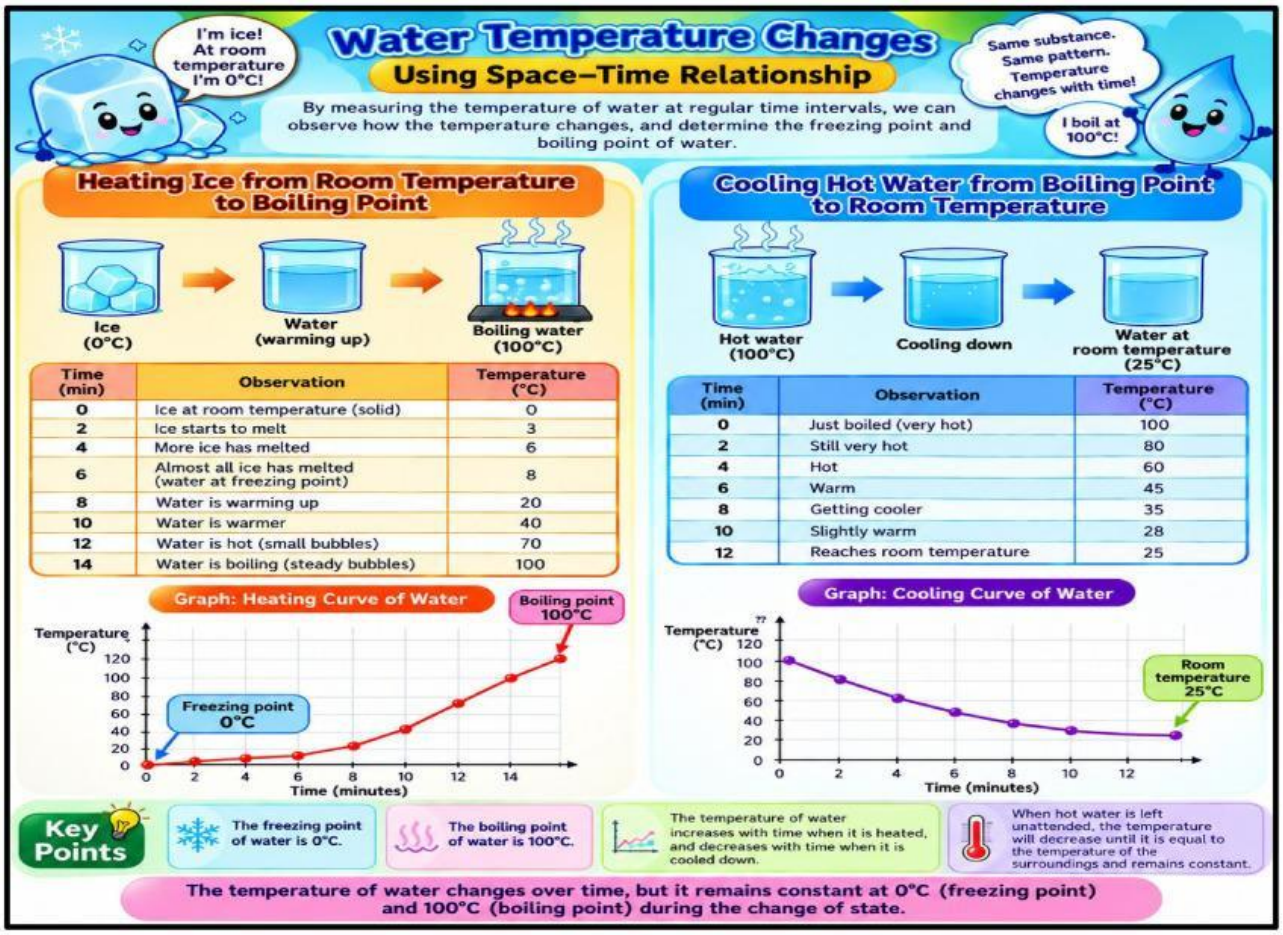
WATER TEMPERATURE CHANGES

Using Space–Time Relationship

Name: _____ **Class :** _____

Date: _____

Read the notes below before answering the questions provided.



PART A: OBJECTIVE QUESTIONS

Instruction : Click and choose the best answer.

1.

An ice cube starts at **0°C**. What is its temperature after **two minutes**?

_____

LIVEWORKSHEETS

2. 🔥💧🌡️

The table shows the temperature of water while being heated.

Time (minutes)	Temperature
0	0°C
2	3°C
4	6°C
6	8°C

What happens to the temperature as time increases?

_____

3. 🧊➡️💧

At what temperature does ice **melt**?

_____

4. 🔥♨️💧

What is the **boiling point of water**?

_____

5. 🌡️📈🔥

Look at the temperature changes:

0°C → 3°C → 6°C → 8°C → 20°C

What does this show?

_____

6. ♨️💧➡️❄️

Hot water is left unattended.

What will happen to its temperature?

_____

7. 💧🌡️⬇️

Hot water has a temperature of **100°C**. After some time, its temperature becomes **80°C**.

What is happening to the water?

_____

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8. 🌡️💧🏠

Hot water is left in a room where the temperature is **25°C**.

What will eventually happen to the water temperature?

_____

9. 📊⏱️🌡️

Which two quantities are observed when studying the change in water temperature?

_____

10. 📈🌡️🔥 / 📉🌡️❄️

Which statement is **correct**?

_____

🖍️ PART B: SIMPLE SUBJECTIVE QUESTIONS

1. 🧊🌡️

What is the **freezing point of water**?

Answer: _____

2. ♨️💧

What is the **boiling point of water**?

Answer: _____

3. 🔥💧📈

The temperature of water changes from **0°C → 3°C → 6°C → 8°C**.

What happens to the temperature of the water?

Answer: _____

4. ♨️💧➡️🌡️

A cup of hot water is left on a table.

What happens to its temperature after some time?

Answer: _____

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5. 🌡️📊⏱️

Why do we record the **time** and **temperature** when investigating changes in water temperature?

Answer: _____

Science year 5

With Teacher Mary

LIVEWORKSHEETS