

WATER TEMPERATURE CHANGES

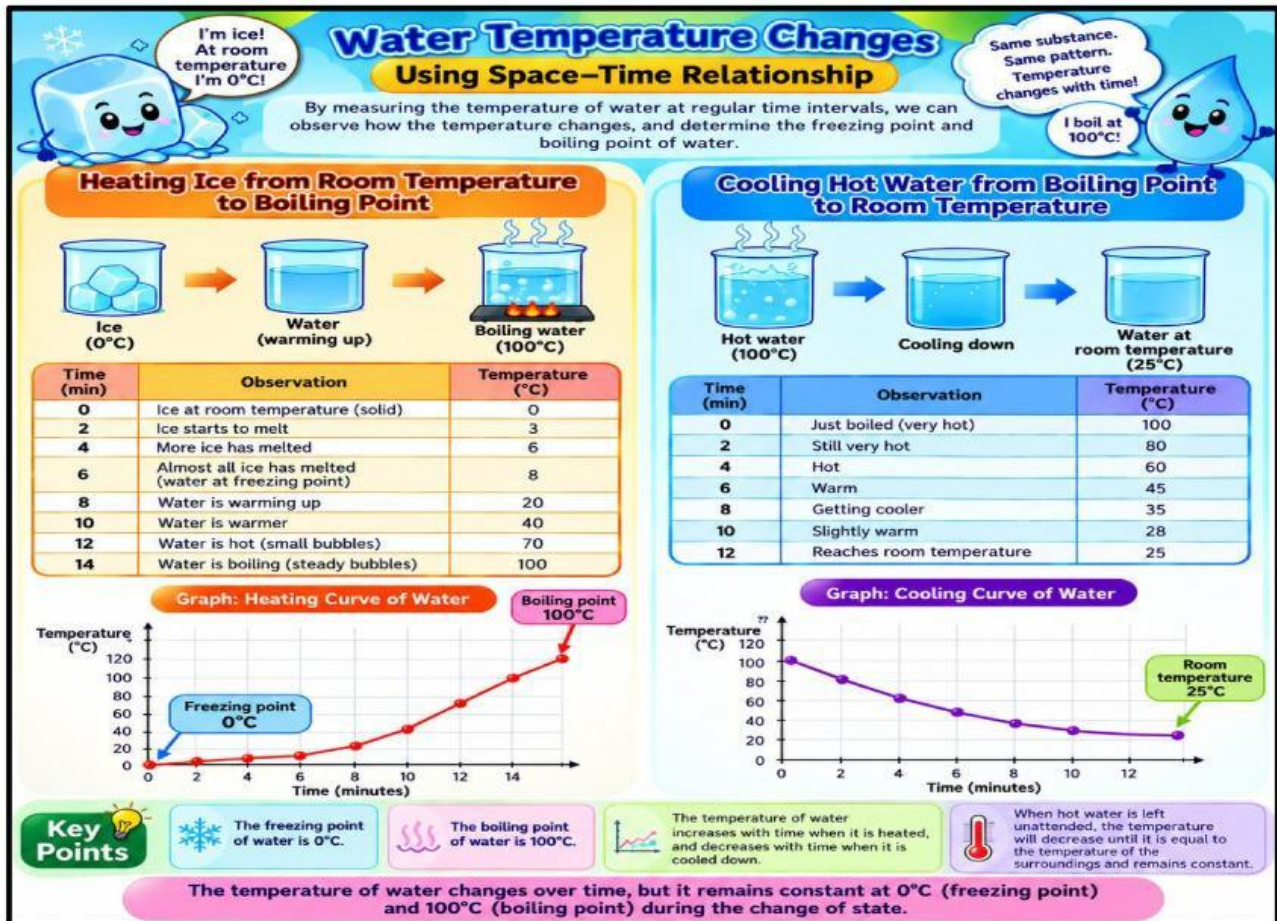
Using Space-Time Relationship

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?

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?

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: _____

5.   

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

Answer: _____

Science year 5

With Teacher Mary