



TAVUA COLLEGE

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WEEKLY HOME STUDY PACKAGE - WEEK 2 (12/07/21 – 16/07/21)

Subject	BASIC SCIENCE	Year/Level	9
Strand	2.1 – MATTER		
Sub-strand	2.1.2 – INVESTIGATING MATTER		
Content Learning Outcome	Explore and discuss the fact that particles are small and behave differently in different states of matter under different situations.		

OBJECTIVE: To draw models of change in state.

Structure and properties of Matter

Activity Solution

1. Use the particle model of matter to explain what happens to ice particles when it is heated.

When ice is heated, the solid particles in ice gains energy and moves further apart thus changes to liquid state or melts.

(1 mark)

2. State three properties of solid.

(3 marks)

- I. Particles are held closely together.**
- II. Particles do not move, they only vibrate.**
- III. They have fixed volume and shape.**

THE END