

Lesson Plan Day 7 – How Does Temperature Affect the Phases of Matter?

Level 3 Question(s) Addressed:	
<ul style="list-style-type: none"> How does temperature affect the phases of water? 	
Date(s) Day 7	
Content Standard(s):	NOS Aspects
<ul style="list-style-type: none"> 5.4b - The effect of temperature on the phases of matter 	<ul style="list-style-type: none"> Tenet 1 – The natural world is understandable Tenet 2 – Scientific knowledge is the product of observation and inference.
Student Objective(s) for this lesson:	
1. Objective 1 – Understand how temperature affects the phases of matter.	
Misconceptions to address in this lesson:	
A. Misconception 1 – Heat is a form of energy. B. Misconception 2 – Cold is the absence of heat, not a separate force. C. Misconception 3 – The difference between evaporation and boiling.	
Safety Concerns in this lesson:	
<ul style="list-style-type: none"> Safety 1 – Spillage of water, creating a slipping hazard. 	