



**Year 7 Term 1 Science  
Summative Assessment**

STUDENT NAME: \_\_\_\_\_ ( )

HOMEROOM: \_\_\_\_\_

**Time Allowed: 60 Minutes**

<b>Class</b>	<b>Teacher</b>	<b>Dates</b>	<b>Periods</b>
7 Respect	Morrison	Thursday 1 <sup>st</sup> Dec	1 & 2
7 Trust	Liu	Monday 28 <sup>th</sup> Nov	7 & 8
7 Joy	Morrison	Thursday 1 <sup>st</sup> Dec	7 & 8
7 Care	Kitwood	Friday 2 <sup>nd</sup> Dec	5 & 6
7 Hope	Morrison	Wednesday 30 <sup>th</sup> Nov	4 & 5
7 Peace	Morrison	Thursday 1 <sup>st</sup> Dec	4 & 5

**Unit title:** What the world is made of

**Key concept:** Relationships

**Related concepts:** Patterns

**Global concept:** Scientific and technical innovation

**Statement of inquiry:** We observe, look for patterns and relationships in order to help us understand the natural world.

**Inquiry question:** What are the building blocks of our world?

**Instructions:**

- Topics included: **Element symbols, Atomic structure, States of matter, Periodic table, Separation techniques, Group 1 elements**
- You must write in blue or black ink only.
- Pencil should be used in drawing diagrams or graphs.
- Use of a dictionary, thesaurus is not allowed.
- Only this question paper, writing utensils and stationeries are permitted at the desk during the assessment.
- All other belongings must be placed under the desk.
- Read all of the paper carefully.
- You **MUST** use the following RUBRIC to ensure all Criteria are addressed.
- Periodic table is included

In this **Summative Assessment** you are assessed in **Criteria A-Knowing and Understanding**

\*0- Does not meet any descriptors

Crit. A	0	1-2	3-4	5-6	7-8
	*	I tried to show my understanding on states of matter.	I was able to show my understanding on states of matter.	I demonstrated a good understanding on states of matter.	I demonstrated an excellent understanding on <b>states of matter</b> .
	*	<p>I tried to determine the number of protons, electrons and neutrons in an atom.</p> <p>I tried to draw the electronic diagram of an atom.</p> <p>I tried to distinguish among atom, element, compound and mixture.</p> <p>I tried to demonstrate my understanding of the periodic table with reference to reactivity in Group I.</p>	<p>I was able to determine the number of protons, electrons and neutrons in an atom with some errors.</p> <p>I was able to draw the electronic diagram of an atom with some errors.</p> <p>I was able to distinguish among atom, element, compound and mixture with some errors.</p> <p>I demonstrated a general understanding of the periodic table with reference to reactivity in Group I.</p>	<p>I was able to determine the number of protons, electrons and neutrons in an atom mostly correct.</p> <p>I was able to draw the electronic diagram of an atom mostly correct.</p> <p>I was able to distinguish among atom, element, compound and mixture mostly correct.</p> <p>I demonstrated a good understanding of the periodic table with reference to reactivity in Group I.</p>	<p>I was able to determine the number of protons, electrons and neutrons in an atom <b>correctly</b>.</p> <p>I was able to draw the electronic diagram of an atom <b>correctly</b>.</p> <p>I was able to distinguish among atom, element, compound and mixture <b>correctly</b>.</p> <p>I demonstrated an <b>excellent understanding</b> of the periodic table with a <b>detailed</b> reference to reactivity in Group I.</p>
	*	<p>I tried to draw a line graph.</p> <p>I tried to describe separation techniques that I have learned.</p>	<p>I was able to draw a line graph with some errors.</p> <p>I was able to describe separation techniques with some errors.</p>	<p>I was able to draw a line graph with few errors.</p> <p>I was able to describe separation techniques with few errors.</p>	<p>I was able to draw a line graph successfully.</p> <p>I was able to describe separation techniques with key words and justification.</p>