



Assessment Task Notification

<i>Course:</i>	Year 8 Science
<i>Teacher(s):</i>	Dodds, Mahony, McDonald, Murrie
<i>Task number:</i>	2
<i>Date of task:</i>	Term 2, Week 5, as per exam timetable
<i>Task value:</i>	20%
<i>Time allowed</i>	60 minutes (plus 3 minutes reading time)
<i>Nature of task:</i>	Students are to conduct a first-hand investigation (practical) and answer related questions.
<i>Outcomes assessed:</i>	SC4 - 6WS, SC4 - 7WS, SC4 - 9WS, SC4 – 16CW, SC4 – 17CW
<i>Equipment required:</i>	<ul style="list-style-type: none"> - pen - pencil - eraser - ruler
<i>Core Science 4 (textbook)</i>	<ul style="list-style-type: none"> - Chp 9.4, 9.5 (9.5.1 only), 9.6, 9.7 (pp. 351, 354-361) - Chp 12.1, 12.2, 12.3 (pp. 458-465) - Chp 17.5.6 (pp. 702-703) <p>Including relevant Exercises associated with these Chapters</p>

Topics:

- Describe in terms of particles the differences between elements, compounds, pure substances and mixtures
- Explain why the same name and symbol of the elements of the periodic table are used across the world
- Identify some common examples of compounds
- Compare the characteristics of chemical and physical changes
- Compare the arrangement of particles in chemical and physical changes
- Identify that a chemical change involves substances reacting to form new substances
- Follow a set of instructions to safely conduct a practical investigation
- Present data from a practical investigation in a graph
- Identify trends, patterns and relationships presented in a graph

Study Techniques:

- Analyse the list of topics above and prioritise what you find most challenging and target these concepts first.
- Use flash cards or other techniques to learn key ideas or applications of the topics listed above.
- Complete practice questions (see the Exercises associated with the Chapters listed above). Do not attempt a lot of questions from the same Exercise.
- Reflect on your answers to the questions. Which topics do you need to consolidate your understanding of?
- Seek assistance in order to consolidate your understanding of concepts. Book a time with your teacher or attend the after school help sessions.

*** If you are not going to be at school for the assessment task then please ensure the appropriate paperwork has been completed.*