

Chemistry - Year 8 End of term 1

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Expectations	Classwork, homework and assessments shows student has knowledge of:		
	Elements and compounds	Periodic table	Properties of metals and non-metals
	Group 1 metals	Transition metals	Reactions
Developing	<p>Student has shown an understanding of the topics and can demonstrate knowledge and understanding by recalling and stating the keywords from the topic. Assessment shows that they cannot yet explain these concepts in sufficient detail as to show that their understanding has been embedded. For example they can remember the examples elements and compounds, or give examples of metals and non-metals in class, but are unable to apply this if they are asked to give other examples. They often require support when giving answers.</p>		
Secure	<p>Student has shown that they understand the topic and can apply the knowledge to familiar contexts. In class and assessments, they have shown that they cannot yet apply their understanding to new situations. For example, they can apply their knowledge of the reactivity of group 1 metals to a range of different metals, but are unable to apply this to a question with a different layout or wording.</p>		
Complex	<p>Apply knowledge synoptically, linking two or more concepts. Evaluate, conclude and improve procedures. The student has shown that they can apply their knowledge to different situations; linking concepts from a range of topics. They can evaluate their own, and other people's ideas. They are able to formulate conclusions to their findings and suggest improvements. For example, they can link their work on elements and compounds to specific reactions such as neutralisation or combustion. Another example would be being able to explain the properties of an element based on their position in the periodic table.</p>		