



Assessment grid			
Subject: Science		Year: 8	Topic/module: The Periodic Table
KS4 target direction	4	6	8(9)
Advanced	Enrichment/extension – reaching, or part of, next pathway → Features of work may include:	Enrichment/extension – reaching, or part of, next pathway → Features of work may include:	Enrichment/extension Features of work may include:
Secure <i>Students must achieve competence in all statements before being judged 'Secure'</i>	Secure The student can: <ul style="list-style-type: none">• State some common properties of metals and non-metals• Describe in simple terms what pattern is shown in a given property of a group or period from a table of data or graph.• State the products of the reaction between two Group 1 metals with water• State a pattern shown by the Group 7 elements• State simply what happens in a displacement reaction	Secure The student can: <ul style="list-style-type: none">• Use patterns to classify an element as a metal or non-metal• Use patterns to predict properties of elements• Compare patterns in properties in the groups and periods of the Periodic Table.• Interpret data to describe patterns in properties of the Group 1 elements• Use patterns to predict properties of Group 1 elements• Use patterns to predict properties of Group 7 elements• Describe displacement reactions	Secure The student can: <ul style="list-style-type: none">• Predict the properties of an element, given its position on the Periodic Table• Explain how the position of an element can be used to suggest properties of elements• Apply patterns shown within groups or periods to unknown elements.• Describe patterns in the properties of Group 1 elements using data given• Write word equations to represent displacement reactions• Link information about Group 0 elements to their properties.• Compare the trends in Group 0 with those of Group 1 and Group 7 elements
Developing	Mostly secure – one or more gaps For example:	Mostly secure – one or more gaps For example:	Mostly secure – one or more gaps For example:
Beginning	Significant gaps	Significant gaps	Significant gaps