

Lesson	Know	Apply	Extend
5.4.1 The Periodic Table	I can state that the horizontal rows of the Periodic Table are called periods, and the vertical columns are called groups. <input type="checkbox"/>	I can use data to describe a trend in physical properties. <input type="checkbox"/>	I can use data about the properties of elements to identify similarities, patterns, and anomalies. <input type="checkbox"/>
	I can state that as you go down a group and across a period the elements show patterns in physical properties. <input type="checkbox"/>	I can use data showing a pattern in physical properties to predict the missing value for an element. <input type="checkbox"/>	I can explain how to predict missing data values using trends in properties. <input type="checkbox"/>
5.4.2 The elements of Group 1	I can state that the elements in Group 1 all react in a similar way and show a pattern in reactivity. <input type="checkbox"/>	I can use data to describe a trend in physical properties of Group 1 elements. <input type="checkbox"/>	I can use data about the properties of elements to identify similarities, patterns, and anomalies. <input type="checkbox"/>
	I can state that as you go down Group 1 the elements show patterns in physical properties. <input type="checkbox"/>	I can use data showing a pattern in physical properties to predict the missing value for an element in Group 1. <input type="checkbox"/>	I can choose elements for different uses from their position in the Periodic Table. <input type="checkbox"/>
	I can make and record observations of chemical reactions in a table. <input type="checkbox"/>	I can use observations of a pattern in chemical reactions to predict the behaviour of an element in Group 1. <input type="checkbox"/>	
5.4.3 The elements of Group 7	I can state that the elements in Group 7 all react in a similar way and show a pattern in reactivity. <input type="checkbox"/>	I can use data to describe a trend in physical properties of Group 7 elements. <input type="checkbox"/>	I can use data about the properties of elements to identify similarities, patterns, and anomalies. <input type="checkbox"/>
	I can state that as you go down Group 7 the elements show patterns in physical properties. <input type="checkbox"/>	I can use observations of a pattern in chemical reactions to predict the behaviour of an element in Group 7. <input type="checkbox"/>	I can predict the position of an element in the Periodic Table based on information about its chemical properties. <input type="checkbox"/>

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	I can identify hazards of working with Group 7 elements. <input type="checkbox"/>	I can identify control measures when working with Group 7 elements. <input type="checkbox"/>	
5.4.4 The elements of Group 0	I can state that the elements in Group 0 are unreactive. <input type="checkbox"/>	I can use data to describe a trend in physical properties in Group 0. <input type="checkbox"/>	I can use data about the properties of elements to identify similarities, patterns, and anomalies. <input type="checkbox"/>
	I can state that as you go down Group 0 the elements show patterns in physical properties. <input type="checkbox"/>	I can use data showing a pattern in physical properties to predict the missing value for an element in Group 0. <input type="checkbox"/>	I can choose elements for different uses based on their positions in the Periodic Table. <input type="checkbox"/>
		I can describe the reactions of Group 0 elements. <input type="checkbox"/>	