

YEAR 9 A- F – CHEMISTRY

WEEK 13 (22nd Nov to 26th November)

Work Sent to the students through Group email/ Google classroom

Topic:– SC4c – Electronic Configuration and the Periodic Table

Resources: Text book, Worksheet, Board works, GCSE science free lesson video, power point.

Date	Lesson	Topic	Mode of Teaching	
22 nd Nov Sunday (girls)	6	Learning Objective : <ul style="list-style-type: none"> Predict the electronic configurations of the first 20 elements in the periodic table as diagrams and in the form, for example, 2.8.1 Success Criteria:	Zoom	PPT/Video on Electronic Configuration
23 rd Nov Monday (boys)	7	<ul style="list-style-type: none"> Draw electron arrangements for elements up to number 20. Predict electron arrangements for first 10 elements Draw shell diagram of first 20 elements. 		
23 rd Nov Monday (girls)	5	Learning Objective : <ul style="list-style-type: none"> Explain how the electronic configuration of an element is related to its position in the periodic table 	Zoom	PPT and Video on Electronic Configuration
23 rd Nov Monday– (boys)	8	Success Criteria: <ul style="list-style-type: none"> Identify the group number from the electronic configuration. Extract information from charts and graphs including patterns in the properties of elements Correlate the similarity in the properties with the group number. Use the periodic table to write the electronic configuration. Explain the links between an element’s position in the periodic table and its electronic configuration. 		
23 rd Nov Monday (girls)	6	Learning Objective : <ul style="list-style-type: none"> Identify elements as metals or non-metals according to their position in the periodic table Success Criteria:	GC	Worksheet SC4c
25 th Nov Wednesday – (boys)	1	<ul style="list-style-type: none"> Use patterns in the Periodic Table to interpret data and predict few properties of elements. Divide the elements into metals, non metals and semimetals. 		

		<ul style="list-style-type: none">• Locate the position of metals and non metals in the in the periodic table.		
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