

YEAR 9 A- F – CHEMISTRY

WEEK 11 (8th Nov to 12th November)

Work Sent to the students through Zoom Learning Platform/ Google classroom

Topic:– SC3b Atomic number and mass number

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

Date	Lesson	Topic	Mode of Teaching	
08 th Nov Sunday (girls)	6	Learning Objective : <ul style="list-style-type: none"> Reinforcement of structure of atom Success Criteria: <ul style="list-style-type: none"> Explain how the discovery of sub atomic particles has brought changes in the atomic structure. 	Zoom	Worksheet
09 th Nov Monday (boys)	7	<ul style="list-style-type: none"> Explain the structure of an atom. State that atom is electrically neutral. Compare the size of an atom with its nucleus. 		
09 th Nov Monday (girls)	5	Learning Objective : <ul style="list-style-type: none"> Recall that most of the mass of an atom is concentrated in the nucleus Recall the meaning of the term mass number of an atom 	Zoom	PPT and Video on atomic number and mass number
09 th Nov Monday– (boys)	8	Success Criteria: <ul style="list-style-type: none"> Define nucleon number. Define mass number. Find out the mass number of an atom of an element using a periodic table 		
09 th Nov Monday (girls)	6	Learning Objective : <ul style="list-style-type: none"> Describe atoms of a given element as having the same number of protons in the nucleus and that this number is unique to that element 	GC	Worksheet SC3b
11 th Nov Wednesday – (boys)	1	<ul style="list-style-type: none"> Calculate the numbers of protons, neutrons and electrons in atoms given the atomic number and mass number Success Criteria: <ul style="list-style-type: none"> State the number of electrons in an atom from its atomic number Define atomic number, mass number and relative atomic mass. Calculate the numbers of protons, neutrons and electrons using atomic and mass numbers 		

