

YEAR 9 A- F – CHEMISTRY

WEEK 8 (18th Oct to 22nd Oct)

Work Sent to the students through Group email/ Google classroom

Topic:– Distillation and Fractional Distillation continuation

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

Date	Lesson	Topic	Mode of Teaching	
18 th Oct Sunday (girls)	6	Learning Objective : Explain the experimental techniques for separation of mixtures by <ul style="list-style-type: none"> • fractional distillation Success Criteria: <ul style="list-style-type: none"> • Describe how to carry out fractional distillation. • Compare the similarities and differences between simple and the fractional distillation. 	Zoom	PPT or Video on fractional distillation
19 th Oct Monday (boys)	7	<ul style="list-style-type: none"> • Identify when fractional distillation should be used to separate a mixture • Suggest the safety precautions needed to reduce risk in fractional distillation experiment. 		
19 th Oct Monday (girls)	5	Learning Objective : Reinforcement of concepts on Distillation Success Criteria: <ul style="list-style-type: none"> • Define distillation. 	Zoom	Worksheet on distillation. Textbook questions on distillation
19 th Oct Monday– (boys)	8	<ul style="list-style-type: none"> • Describe distillation as a separation technique to obtain a solvent from the solution. • Use of distillation to obtain pure liquid from an impure sample. 		
19 th Oct Monday (girls)	6	Learning Objective : <ul style="list-style-type: none"> • Reinforcement of concepts on fractional distillation Success Criteria: <ul style="list-style-type: none"> • Compare distillation and fractional distillation. 	GC	Worksheet on fractional distillation
21 st Oct Wednesday – (boys)	1	<ul style="list-style-type: none"> • Explain how the products of fractional distillation are linked to the boiling points of the components. • Explain what precautions are needed to reduce risk in a distillation experiment. 		

Homework : Research on fractional distillation of air and the products obtained.

