

YEAR 9 A / D/ E – CHEMISTRY

WEEK 6 (4th Oct to 8th Oct)

Work Sent to the students through Group email/ Google classroom

Topic:– Filtration and Crystallization, Assessment, Chromatography

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

Date	Lesson	Topic	Mode of Teaching	
04 th Oct Sunday (girls)	6	Learning Objective : Reinforcement of filtration and crystallization Success Criteria: <ul style="list-style-type: none">• Review the diagram labeling, method and precautions in filtration• Review the diagram labeling, method and precautions in crystallization• Discussion of Textbook and worksheet questions.	Zoom	Worksheet
05 th Oct Monday (girls)	5	Learning Objective : Assessment 1 on States of Matter and Mixtures Success Criteria: <ul style="list-style-type: none">• Assessing children’s knowledge on different concepts on States of Matter and Mixtures	Zoom	Google Form Assessment
05 th Oct Monday (girls)	6	Learning Objective : Describe paper chromatography as the separation of mixtures of soluble substances by running a solvent (mobile phase) through the mixture on the paper (the paper contains the stationary phase), which causes the substances to move at different rates over the paper Success Criteria: <ul style="list-style-type: none">• Carry out experiments to investigate the different coloured dyes in a black ink.• Define chromatogram• Describe paper chromatography as a separation technique.	Zoom	PPT / Video on Chromatography

Homework : Carryout an experiment using tissue paper to find out the different dyes present in black ink.

YEAR 9 B / C/ F – CHEMISTRY

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Topic:– Filtration and Crystallisation, Assessment, Chromatography

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Date	Lesson	Topic	Mode of Teaching	
05 th Oct Monday (boys)	7	Learning Objective : Assessment 1 on States of Matter and Mixtures Success Criteria: <ul style="list-style-type: none">Assessing children’s knowledge on different concepts on States of Matter and Mixtures	Zoom	Google Form Assessment
05 th Oct Monday– (boys)	8	Learning Objective : Reinforcement of filtration and crystallisation Success Criteria: <ul style="list-style-type: none">Review the diagram labeling, method and precautions in filtrationReview the diagram labeling, method and precautions in crystallisationDiscussion of Textbook and worksheet questions.	Zoom	Worksheet
07 th Oct Wednesday – (boys)	1	Learning Objective : Describe paper chromatography as the separation of mixtures of soluble substances by running a solvent (mobile phase) through the mixture on the paper (the paper contains the stationary phase), which causes the substances to move at different rates over the paper Success Criteria: <ul style="list-style-type: none">Carry out experiments to investigate the different coloured dyes in a black ink.	Zoom	PPT / Video on Chromatography

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