

YEAR 10 – MATHEMATICS April (18-22) 2021

Subject	Mathematics
Class/ Section	Year 10 A-F
Week	April (18-22)
Work send to students by	Zoom/Google classroom
Total number of lessons per week	6
Unit 14 Further Statistics	Unit 14.1 Sampling Unit 14.2 Cumulative Frequency Unit 14.3 Box Plot
Lessons 1 Live Zoom lesson Differentiated work will be assigned	Learning Objective: Understand how to take a stratified sample Solve problems involving Capture – recapture questions.
Task	Intended Learning Outcome: By the end of the lesson students will be able to Understand how to take a stratified sample Solve problems involving Capture – recapture questions
Resources	Sums assigned from the text book and PPT Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT
Lessons 2 &3 Live Zoom lesson Differentiated work will be assigned	Learning Objective :
Task	<ul style="list-style-type: none"> • To draw and interpret cumulative frequency tables and diagrams. • Workout median quartiles and interquartile range from a cumulative frequency diagram.
Resources	Intended Learning Outcome: By the end of the lesson students will be able to
	<ul style="list-style-type: none"> • To draw and interpret cumulative frequency tables and diagrams. • Workout median quartiles and interquartile range from a cumulative frequency diagram.

	<p>Sums assigned from the text book</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and worksheet</p>
<p>Lessons 4 & 5 Live Zoom lesson Differentiated work will be assigned</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • Find quartiles and interquartile range from stem and leaf diagram. • Draw and interpret box plot. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Find quartiles and interquartile range from stem and leaf diagram. • Draw and interpret box plot. <p>Sums assigned from the text book and PPT</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT</p>
<p>Lesson 6 (Google classroom) Differentiated work will be assigned in Google Classroom</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective</p> <p>To solve more problems assigned through Google classroom based on the objectives covered in the lessons 1-5.</p> <p>To solve questions from the worksheet</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, worksheet</p>