

YEAR 10 – MATHEMATICS SEPTEMBER (20th-24th) 2020

Subject	Mathematics
Class/ Section	Year 10 A-F
Week	20th – 24th September
Work send to students by	Zoom/Google classroom
Total number of lessons per week	6
Unit 9	Equations and Inequalities 9.1 Solving quadratic equations by completing the square. 6.6 Quadratic graphs
Lessons 1 (9.1) Live Zoom lesson Differentiated work will be assigned	Learning Objective : <ul style="list-style-type: none"> • To complete the square for a quadratic expressions Intended Learning Outcomes By the end of the lesson students will be able to <ul style="list-style-type: none"> • To complete the square for a quadratic expressions Sums assigned from the text book and PPT
Task	Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT
Resources	
Lesson 2 &3(9.1) Live Zoom lesson Differentiated work will be assigned	Learning Objective : <ul style="list-style-type: none"> • To solve quadratic equations by completing the square Intended Learning Outcomes By the end of the lesson students will be able to <ul style="list-style-type: none"> • To solve quadratic equations by completing the square. Sums assigned from the textbook and PPT
Task	Sums assigned from the textbook and PPT
Resource	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT
	Learning Objective:

<p>Lessons 4 (6.6) Live Zoom lesson Differentiated work will be assigned</p>	<ul style="list-style-type: none"> • To draw quadratic graphs • To identify the turning points and the line of symmetry of a quadratic graph <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To draw quadratic graphs , label the turning point and identify the line of symmetry. <p>Sums assigned from the textbook and PPT</p>
<p>Task</p> <p>Resources</p> <p>Lesson 5 &6 Asynchronous lesson (Google classroom)</p> <p>Differentiated work will be assigned in Google Classroom</p> <p>Task</p> <p>Resources</p>	<p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT</p> <p>Learning Objective</p> <p>To solve more problems assigned through Google classroom based on the objectives covered in the lessons 1-4.</p> <p>To solve questions from the worksheet</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, worksheet</p>