YEAR 10 – MATHEMATICS FEBRUARY 2021

Subject	Mathematics
Class/ Section	**Year 10 A-F**
Week	**Jan 31st-Feb 4th**
Work send to students by	**Zoom/Google classroom**
Total number of lessons per week	**6**

Unit 2 &18	**Unit 2.6 Quadratic sequences**
	Unit 18 Vectors
	
	- **2.6- To find the nth term of a quadratic sequence.**
	- **18.1- Understand and use vector notation**
	  . Workout the magnitude of the vector.
	- **18.2 – Calculate using vectors and represent the solutions**
	  Graphically
	  Calculate the resultant of two vectors

Lessons 1 &2 Live Zoom lesson Differentiated work will be assigned	**Learning Objective :** - **2.6-To find the nth term of a quadratic sequence.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** - **To find the nth term of a quadratic sequence.**
Task	**Sums assigned from the text book and PPT**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**

Lessons 3 Live Zoom lesson Differentiated work will be assigned	**Learning Objective :**
	- **18.1-To Understand and use vector notation**
	  . Workout the magnitude of the vector
	Intended Learning Outcome:
	By the end of the lesson students will be able to
	- **To Understand and use vector notation**
	  . Workout the magnitude of the vector

Task	**Sums assigned from the text book**

Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**
Lessons 4&5 Live Zoom lesson Differentiated work will be assigned **Task** **Resources**	**Learning Objective:** • **18.2- To Calculate using vectors and represent the solutions Graphically** • **To calculate the resultant of two vectors** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To Calculate using vectors and represent the solutions Graphically** • **To calculate the resultant of two vectors** **Sums assigned from the text book and PPT** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**
Lesson 6 Asynchronous lesson (Google classroom) **Differentiated work will be assigned in Google Classroom** **Task** **Resources**	**Learning Objective** **To solve more problems assigned through Google classroom based on the objectives covered in the lessons 1-5.** **To solve questions from the worksheet** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, worksheet**