YEAR 9 – MATHEMATICS (Week 9)

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	17 th May to 21 st May
Work send to students by	Group email / Google classroom
Total number of lessons per week	6
Unit	Unit 6 – Linear Graphs
Lesson 1 Zoom Lesson	Unit 6.1 – Linear Graphs Learning Objective – Find the gradient and y-intercept from a linear equation.
	Learning Outcomes By the end of the lesson students will be able to -Identify the general equation of a straight line. - Find the gradient and y- intercept from a linear equation. - Find the equation of the lines given the gradient and y intercept.
Task	Complete the textbook allocated questions.
Resources	 Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) <u>https://www.activeteachonline.com</u>
Lesson 2 GC	Unit 6.1 – Linear Graphs Learning Objective – Find the gradient and <i>y</i> -intercept from a linear equation.
	Learning Outcomes By the end of the lesson students will be able to -Identify the general equation of a straight line. - Find the gradient and y- intercept from a linear equation. - Find the equation of the lines given the gradient and y intercept.
Task	Complete the textbook allocated questions.
Resources	1. Power point presentation

	2. Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163)
	3. <u>https://www.activeteachonline.com</u>
Lesson 3	Unit 6.1 – Linear Graphs
Zoom Lesson	Learning Objective - Rearrange an equation into the form $y = mx + c$.
	Compare two graphs from their equations.
	Learning Outcomes-
	By the end of the lesson students will be able to
	- Rearrange equations to the form $y = mx + c$
	- Compare two graphs from their equations.
	- Attempt problem solving questions.
T	
1 886	Complete the textbook allocated questions.
Resources	1. Power point presentation
Resources	2. Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163)
	3. <u>https://www.activeteachonline.com</u>
Lesson 4	Unit 6.1 – Linear Graphs
Lesson 4	Unit 6.1 – Linear Graphs
Lesson 4 GC	Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form $y = mx + c$.
Lesson 4 GC	Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form $y = mx + c$. Compare two graphs from their equations.
Lesson 4 GC	Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form $y = mx + c$. Compare two graphs from their equations.
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- Du the end of the leaven students will be able to
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = my + c.
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions.
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions.
Lesson 4 GC	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions.
Lesson 4 GC Task	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions.
Lesson 4 GC Task	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. 1. Power point presentation
Lesson 4 GC Task	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions. Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163)
Lesson 4 GC Task Resources	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions. Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) https://www.activeteachonline.com
Lesson 4 GC Task Resources	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions. Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) https://www.activeteachonline.com
Lesson 4 GC Task Resources Lesson 5	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Attempt problem solving questions. Complete the textbook allocated questions. I. Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) https://www.activeteachonline.com Unit 6.1 – Linear Graphs
Lesson 4 GC Task Resources Lesson 5	 Unit 6.1 – Linear Graphs Learning Objective - Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Learning Outcomes- By the end of the lesson students will be able to Rearrange equations to the form y = mx + c Compare two graphs from their equations. Compare two graphs from their equations. Complete the textbook allocated questions. I. Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) https://www.activeteachonline.com Unit 6.1 – Linear Graphs

	Learning Objective – Plot graphs with equations $ax + by = c$
	Learning Outcomes- By end of the lesson students will be able to - Draw vertical and horizontal graphs - Plot straight line graphs - Attempt problem solving questions.
Task	Complete the textbook allocated questions.
Resources	 Power point presentation Edexcel GCSE Mathematics Higher Textbook (Pages 161 - 163) <u>https://www.activeteachonline.com</u>
Lesson 6	Linear Graphs
Lesson 6	Linear Graphs Unit 6.1 – Linear Graphs
Lesson 6	Linear Graphs Unit 6.1 – Linear Graphs Learning Objective – Find the gradient and y-intercept from a linear equation. Rearrange an equation into the form $y = mx + c$. Compare two graphs from their equations.
Lesson 6 Task	Linear Graphs Unit 6.1 – Linear Graphs Learning Objective – Find the gradient and y-intercept from a linear equation. Rearrange an equation into the form y = mx + c. Compare two graphs from their equations. Complete the task allocated from ActiveLearn