YEAR 10 MATHEMATICS DISTANCE LEARNING WORK ALLOCATION.

SUBJECT	MATHEMATICS
CLASS/DIVISION	10 A-H
WEEK	8 (MAY 10th- 14th)
WORK SEND TO STUDENTS VIA	GOOGLE CLASSROOM , ZOOM CLASS & ACTIVE LEARN
TOTAL NUMBER OF LESSONS PER WEEK	6
UNIT	11 MULTIPLICATIVE REASONING
LESSON 1 RESOURCES TASK	11.1 GROWTH AND DECAY (ZOOM LESSON) **Learning Objectives** Find an amount after repeated percentage change **Learning Outcomes**. To calculate the effect of multiple percentage change To calculate the effect of multiple percentage change using multipliers. To answer worded problems involving multiple percentage change Powerpoint, Video links, Active learn • https://www.activeteachonline.com/product/view/id/405/page/340/mode/dps?modal=/player/video/id/853993 • https://www.youtube.com/watch?v=gdRg8_wJkj4 • https://www.youtube.com/watch?v=2mJKieXoDwI Workout the questions assigned in PowerPoint presentation.
LESSON 2	11.1 GROWTH AND DECAY [continued] **Learning Objectives** Find an amount after repeated percentage change **Learning Outcomes**. To calculate the effect of multiple percentage change To calculate the effect of multiple percentage change using multipliers.

RESOURCES TASK	To answer worded problems involving multiple percentage change PowerPoint, Video links , Edexcel GCSE(9-1)Mathematics Higher Student Book By referring the PPT and video links solve the questions assigned through Google classroom in the notebook. Unit 11.1 Q 3,4,6,8
LESSON 3	ASSESSMENT ON CONDITIONAL PROBABILITY(GOOGLE CLASSROOM) OBJECTIVE Assessing the concepts of: • Drawing and using tree diagrams to calculate conditional probability • Drawing Venn-diagrams to calculate conditional probability (Assessment through Google classroom)
LESSON 4 RESOURCES TASK	11.1 GROWTH AND DECAY (ZOOM LESSON) **Learning Objectives** • Solving problems involving compound interest • Solving growth and decay problems **Learning Outcomes**. To calculate the amount by applying formula for compound interest. To rearrange the formula to calculate the principal amount. To apply this concept in solving Growth and Decay problems Powerpoint, Video link , Active learn, Edexcel GCSE(9-1)Mathematics Higher Student Book https://www.activeteachonline.com/product/view/id/405/page/342/mode/dps?modal=/player/video/id/468809 https://www.youtube.com/watch?v=FBCs95Co_oU https://www.youtube.com/watch?v=awQlqfsJOSQ https://mathsmadeeasy.co.uk/gcse-maths-revision/compound-growth-and-decay Workout the questions assigned in PowerPoint presentation

LESSON 5 RESOURCES TASK	11.1 GROWTH AND DECAY **Learning Objectives** • Solving problems involving compound interest • Solving growth and decay problems **Learning Outcomes**. To calculate the amount by applying formula for compound interest. To rearrange the formula to calculate the principal amount. To apply this concept in solving Growth and Decay problems Powerpoint, Video link , Active learn , Edexcel GCSE(9-1)Mathematics Higher Student Book By referring the PPT and video links solve the questions assigned through Google classroom in the notebook. Unit 11.1 Q 12,14,16,18
LESSON 6 RESOURCES TASK	UNIT 11.2 COMPOUND MEASURES (GOOGLE CLASSROOM) **Learning Objectives** • Convert between metric speed measures **Learning Outcomes**. To convert the units of speed measures.[km/h to m/s and vice-versa] To calculate simple word problems on conversion of metric speed measures. To apply the concept in finding average speed and also to rearrange the formula to calculate the missing measurements. Powerpoint, Video links, Active learn https://www.activeteachonline.com/product/view/id/405/page/344/mode/dps?modal=/player/video/id/468810 https://www.youtube.com/watch?v=o8DSb6D-0fw https://www.youtube.com/watch?v=M9h1OY6Io_E https://www.youtube.com/watch?v=8HjpgJBMMNo **Workout the questions assigned in PowerPoint presentation.**