

YEAR 10 MATHEMATICS DISTANCE LEARNING WORK ALLOCATION.

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| SUBJECT | MATHEMATICS |
| CLASS/DIVISION | 10 A-H |
| WEEK | 5 (APRIL 19 th - APRIL23rd) |
| WORK SEND TO STUDENTS VIA | GOOGLE CLASSROOM & ZOOM CLASS |
| TOTAL NUMBER OF LESSONS PER WEEK | 6 |
| UNIT | 10 (PROBABILITY) |
| LESSON 1 | 10.4 INDEPENDENT EVENTS AND TREE DIAGRAMS |
| RESOURCES | <p>Learning Objectives</p> <ul style="list-style-type: none"> • Draw and use frequency trees • Calculate probabilities of repeated events. • Draw and use probability tree diagrams <p>Powerpoint, video link https://www.youtube.com/watch?v=E3rVM0OgyJE https://www.youtube.com/watch?v=8Ahw8DRqijI https://www.youtube.com/watch?v=E-K0KrZLlxk https://www.youtube.com/watch?v=xGIRMuEIQPU https://www.youtube.com/watch?v=sKwa7eWs2PI</p> |
| TASK | Workout the questions given in Ppt in your notebook |
| LESSON 2 | 10.4 INDEPENDENT EVENTS AND TREE DIAGRAMS [CONTINUED WITH 10.4] |
| | <p>Learning Objectives</p> <ul style="list-style-type: none"> • Calculate probabilities of repeated events. • Draw and use probability tree diagrams <p>Powerpoint, video link https://www.youtube.com/watch?v=xGIRMuEIQPU</p> |

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| RESOURCES | https://www.youtube.com/watch?v=sKwa7eWs2PI |
| TASK | Workout the questions given in Ppt in your notebook Homework- Assigning on Active learn(Edexcel GCSE Mathematics Higher- Unit 10.4) |
| LESSON 3 | OBJECTIVE Assessing the concepts of parallel vectors, collinear points and solving geometric problems in two dimensions using vectors. (Assessment through Google classroom) |
| LESSON 4 | 10.4 CONDITIONAL PROBABILITY Learning Objectives <ul style="list-style-type: none"> • Draw and use tree diagrams to calculate conditional probability. • Use two-way table to calculate conditional probability. |
| RESOURCES | Powerpoint, video link https://www.youtube.com/watch?v=znhjRqvvdWE https://www.youtube.com/watch?v=b1aeMqwd7uE https://www.youtube.com/watch?v=gltPAZwepiY https://www.youtube.com/watch?v=TI4stJNY10s |
| TASK | Workout the questions given in Ppt in your notebook |
| LESSON 5 | 10.5 CONDITIONAL PROBABILITY [CONTINUED WITH 10.5] Learning Objectives <ul style="list-style-type: none"> • Draw and use tree diagrams to calculate conditional probability. |

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| <p>RESOURCES</p> <p>TASK</p> | <p>Use two-way table to calculate conditional probability</p> <p>Powerpoint, video link https://www.youtube.com/watch?v=PRtRORgxb8o https://www.youtube.com/watch?v=znhjRqvwDWE</p> <p>Workout the questions given in Ppt in your notebook</p> |
| <p>LESSON 6</p> <p>RESOURCES</p> <p>TASK</p> | <p>ASSIGNING QUESTIONS FROM STRENGTHEN & EXTEND OF UNIT 10 PROBABILITY</p> <p>Learning Objectives</p> <p>To reinforce the concepts of</p> <ul style="list-style-type: none"> • Drawing tree diagram and calculating probabilities of independent events. • Drawing tree diagrams and calculate conditional probabilities. <p>Solve the questions assigned through Google classroom in the notebook.</p> |