

**YEAR 10 MATHEMATICS DISTANCE LEARNING WORK ALLOCATION.**

SUBJECT	MATHEMATICS
CLASS/DIVISION	10 A-H
WEEK	7 ( MAY 3 <sup>RD</sup> -7th)
WORK SEND TO STUDENTS VIA	GOOGLE CLASSROOM & ZOOM CLASS
TOTAL NUMBER OF LESSONS PER WEEK	6
UNIT	10 (PROBABILITY)
LESSON 1	10.6 VENN- DIAGRAMS and SET-NOTATION <b>Learning Objectives</b> <ul style="list-style-type: none"><li>• Use Venn diagrams to calculate conditional probability</li></ul>
RESOURCES	Powerpoint, video link <a href="https://www.youtube.com/watch?v=6lG8nGJg81w">https://www.youtube.com/watch?v=6lG8nGJg81w</a> <a href="https://www.youtube.com/watch?v=eHfhpAhGdvY">https://www.youtube.com/watch?v=eHfhpAhGdvY</a> <a href="https://www.youtube.com/watch?v=ibINrxJLvlM">https://www.youtube.com/watch?v=ibINrxJLvlM</a>
TASK	<b>Workout the questions assigned from the text book in your notebook</b>
LESSON 2	SOLVING EXAM STYLE QUESTIONS ON CONDITIONAL PROBABILITY USING TREE DIAGRAMS AND VENN -DIAGRAMS <b>Learning Objectives</b> <p>To reinforce the concepts of</p> <ul style="list-style-type: none"><li>• Calculating conditional probabilities using Venn-diagrams and Tree- diagrams.</li></ul>

TASK	<p><b>Solve the questions assigned through Google classroom in the notebook.</b></p> <p>.</p>
<p>LESSON 3</p> <p>RESOURCES</p> <p>TASK</p>	<p>Unit 11 MULTIPLICATIVE REASONING</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Prior knowledge check</li> </ul> <p>Edexcel GCSE(9-1) Higher Student Book</p> <p><b>Workout the questions assigned from the prior knowledge of Unit 11</b></p>
<p>LESSON 4</p> <p>RESOURCES</p> <p>TASK</p>	<p>11.1 GROWTH AND DECAY</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Find an amount after repeated percentage change.</li> <li>• Solving problems on repeated percentage change</li> <li>• Powerpoint, video link</li> </ul> <p>• <a href="https://www.youtube.com/watch?v=gdRg8_wJkj4">https://www.youtube.com/watch?v=gdRg8_wJkj4</a></p> <p>• <a href="https://www.youtube.com/watch?v=2mJKieXoDwl">https://www.youtube.com/watch?v=2mJKieXoDwl</a></p> <p>• <a href="https://www.youtube.com/watch?v=-MFpld_UnC8">https://www.youtube.com/watch?v=-MFpld_UnC8</a></p> <p><b>Workout the questions assigned from the text book in your notebook</b></p>
LESSON 5	<p>11.1 GROWTH AND DECAY</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Solving problems involving compound interest</li> </ul>

<p>RESOURCES</p> <p>TASK</p>	<ul style="list-style-type: none"> <li>• Solving growth and decay problems</li> </ul> <p>Powerpoint, video link  <a href="https://www.youtube.com/watch?v=FBCs95Co_oU">https://www.youtube.com/watch?v=FBCs95Co_oU</a>  <a href="https://www.youtube.com/watch?v=awQlqfsJOSQ">https://www.youtube.com/watch?v=awQlqfsJOSQ</a>  <a href="https://mathsmadeeasy.co.uk/gcse-maths-revision/compound-growth-and-decay">https://mathsmadeeasy.co.uk/gcse-maths-revision/compound-growth-and-decay</a></p> <p><b>Workout the questions assigned from the text book in your notebook</b></p>
<p>LESSON 6</p> <p>RESOURCES</p> <p>TASK</p>	<p>SOLVING EXAM STYLE QUESTIONS ON GROWTH AND DECAY PROBLEMS.</p> <p><b>Learning Objectives</b></p> <p>To reinforce the concepts of</p> <ul style="list-style-type: none"> <li>• Solving growth and decay problems.</li> <li>• Solving problems involving compound interest.</li> </ul> <p>Powerpoint, video link  <a href="https://www.youtube.com/watch?v=a9gd0YqI3BY">https://www.youtube.com/watch?v=a9gd0YqI3BY</a>  <a href="https://www.youtube.com/watch?v=wahOauLYfVU">https://www.youtube.com/watch?v=wahOauLYfVU</a></p> <p>Solve the questions assigned through Google classroom in the notebook.</p>