

# Deyes High School Remote Learning



DEYES  
HIGH  
SCHOOL

LYDIATE  
LEARNING TRUST

# Year 10 Maths

Engage, Enable and Empower

Work for individual students not attending school

Half Term 3: January and February

Pupils who are absent should select the activity that they are up to. Click on the link in the activity box below. This will take you to Office 365 where the work is stored. In the lesson it will tell the pupil if they need to submit the work to their teacher.

## Lessons

Date (week commencing)	Lessons	Focus/Topic/Theme	<a href="#">Hegarty Clips</a>
4/1/21	1-4	<b><u>Probability</u></b> 1) Construct a probability tree diagram with replacement 2) Calculate the probability using a tree diagram for independent events. 3) Construct a probability tree diagram for events without replacement. 4) Calculate conditional probabilities.	<b><u>Clip numbers</u></b> 1) 361, 362 2) 363 3) 364, 365 4) 366
11/1/21	5-7	<b><u>Probability</u></b> 1) Calculate relative frequency. 2) Use relative frequency to estimate the probability. 3) Product rule for counting.	<b><u>Clip numbers</u></b> 1) 356, 357 2) 363 3) 671, 672, 673
18/1/21	8-11	<b><u>Circles</u></b> 1) Find the circumference of a circle. 2) Find the area of a circles. 3) Solve problems involving circles.	<b><u>Clip numbers</u></b> 1) 534, 535, 536 2) 539, 540, 541 3) 537, 538, 542, 543
25/1/21	12-14	<b><u>Arcs</u></b> 1) Find the arc length. 2) Find the perimeter of a sector . 3) Solve problems involving arc length.	<b><u>Clip numbers</u></b> 1) 544 2) 545
1/2/21	15-18	<b><u>Sectors</u></b> 1) Find the area of a sector. 2) Solve problems involving the area of a sector. 3) Solve problems involving circles, arcs and sectors.	<b><u>Clip numbers</u></b> 1) 546 2) 547
8/2/21	19-21	<b><u>Segments</u></b> 1) Find the area of a segment. 2) Find the perimeter of a segment. 3) Solve a range of problems involving all circle facts.	<b><u>Clip numbers</u></b>

Who to contact

You can email **your class teacher** if you have any questions regarding the activities set or Mrs Hughes the Direct of Learning for Mathematics: [r.hughes@deyeshigh.co.uk](mailto:r.hughes@deyeshigh.co.uk).

