



Year 10 Summer Support 2020-21

Mathematics – Foundation

Advice and support for all Year 10 Foundation students
Regular independent study will aid the recall of knowledge and enhance your skills to ensure targets are met next year

Tick when complete

- Complete weekly topic worksheets – These are designed to test graded skills.
- Print off the Hegarty Maths PLCs. These summarise everything you need to learn.
- Use Hegarty Maths – watch tutorial videos and copy modelled examples.
- Complete topic quizzes.
- Download and practice past AQA exam questions from Maths genie website.
- Complete exam questions under timed conditions.
- Mark papers and identify areas of weakness.
- Use Hegarty Maths to watch tutorial videos and redo exam questions.
- Create a revision timetable that includes all units covered, ensure you allocate extra time for the areas you have identified as a weakness.

Internet websites and apps for study support

- Show my homework- This is where you will find the revision checklist
- <https://hegartymaths.com/> for video tutorials and quizzes.
- <https://corbettmaths.com/contents/> - lots of videos and practise questions - 5 a day
- <https://www.mathsgenie.co.uk/> - Great for past exam questions and also graded topics
- <https://www.mathedup.co.uk/gcse-maths-takeaway/>- past exams papers
- <https://mathsbot.com/>- Excellent for warm up questions, quizzes and formulae
- <https://www.dr frostmaths.com/>

Study areas to practise or complete	Where to find the information to revise	Tick when complete
Paper 1 Non- Calculator		
- Fractions with Operations	Hegarty Clips 63, 66, 72	
- FDP	Hegarty Clips 73, 75	
- Index Notation	Hegarty Clips 105, 106, 107	
- Standard Form	Hegarty Clip 123, 125, 126	
- Percentages of an Amount	Hegarty Clips 84, 85, 87	
- Linear Sequences	Hegarty Clips 197, 198	
- Transformations	Hegarty Clips 637, 639, 642	
- Probability	Hegarty Clips 351, 352	
- Area of 2D Shapes	Hegarty Clips 553, 554, 557, 559	
Paper 2 Calculator		
- Simplifying Ratios	Hegarty Clips 329	
- Rounding	Hegarty Clips 86, 133	
- Decimal Multipliers	Hegarty Clips 48, 50	
- 3D Volume and Surface Area	Hegarty Clips 568, 569, 570, 571, 572	
- Pythagoras	Hegarty Clips 505, 506, 507	
- Trigonometry	Hegarty Clips 508, 509, 510, 511	
Key skills to practise	Where to find support on how to practise	Tick when complete
Hegarty Foundation Topics PLC	Hegarty Maths	
Problem solving questions	Maths genie	
Learn Knowledge organiser content	SMHW	