



Year 8 Summer Support 2020-21

Mathematics

Advice and support for all Year 8 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 a practise question from Maths’s genie website or corbettmaths.
- Complete practise 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.drfrostmaths.com/>

Study areas to practise or complete	Where to find the information to revise	Tick when complete
BIDMAS	Hegarty Clip 24, 120	
Collecting like terms	Hegarty clips 156	
Solving equations	Hegarty clip 184 – 187	
Expanding brackets	Hegarty clips 160 – 161	
Linear sequences	Hegarty Clip 196 – 198	
Forming expressions and equations	Hegarty Clips 176	
Prime factor decomposition	Hegarty Clips 28 – 30	
HCF and LCM	Hegarty Clips 31 – 35	
Fractions, decimals and percentages	Hegarty Clips 52, 55, 75	
Perimeter	Hegarty clips 559 – 551	
Area	Hegarty clips 554 – 556	
Angle facts	Hegarty clips 812 – 814, 481 – 483	
3D geometry	Hegarty clips 829 – 832	
Simplifying ratios	Hegarty clips 328 – 331	
Changing ratios into fractions	Hegarty clip 330	
Comparing ratios	Hegarty clip 328	
Key skills to practise	Where to find support on how to practise	Tick when complete
Hegarty Maths topics PLC	Hegarty Maths	
Problem solving questions	Maths genie/corbettmaths	
Learn Knowledge organiser content	SMHW	

