



Year 11 Summer Revision Support 2023-24

Mathematics – Foundation

Advice and support for all Year 11 Foundation students Regular independent study will aid the recall of knowledge and enhance your skills to ensure targets are met.	Tick when complete
<ul style="list-style-type: none"> • Use Sparx Maths to watch tutorial videos and complete online questions. • Print off the Sparx Maths PLCs. These summarise everything you need to learn. • Download and practice past AQA exam questions from Maths's genie website. • Complete exam questions under timed conditions. • Mark papers and identify areas of weakness. • Create a revision timetable that includes all units covered, ensure you allocate extra time for the areas you have identified as a weakness. 	<input type="checkbox"/>
	<input type="checkbox"/>

Internet websites and apps for study support

-<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/>
<https://www.sparxmaths.uk/>

Study areas to practise or complete	Where to find the information to revise	Tick when complete
Non- Calculator		
- Roots and powers	U851	<input type="checkbox"/>
- Adding and subtracting decimals	U478	<input type="checkbox"/>
- Understanding, measuring, and drawing angles	U447	<input type="checkbox"/>
- Simplifying expressions, factorise and expand brackets	U105, U179, U365	<input type="checkbox"/>
- Plotting straight line graphs	U741	<input type="checkbox"/>
- Finding the area of circles and sectors	U950, U373	<input type="checkbox"/>
- Standard form calculations	U330, U534	<input type="checkbox"/>
Calculator		
- Solving and forming equations	U755, U325, U870, U599	<input type="checkbox"/>
- Currency conversion	U610	<input type="checkbox"/>
- Estimating calculations	U255	<input type="checkbox"/>
- Averages and range	U526, U456, U260, U291	<input type="checkbox"/>
- Ratio, Proportion and Rates of Change	U687, U753, U176, U577	<input type="checkbox"/>
- Two-way tables	U981	<input type="checkbox"/>
- Pythagoras' theorem	U385	<input type="checkbox"/>
- Density and pressure	U910, U527, U842	<input type="checkbox"/>
- Area and perimeter	U970, U351, U993	<input type="checkbox"/>
- Finding the volume of composite shapes	U543	<input type="checkbox"/>
- Finding equations of straight line graphs	U315, U477, U848	<input type="checkbox"/>
- Percentage calculations	U554, U773, U671, U286, U278, U533, U332	<input type="checkbox"/>
- Substituting into expressions and formulae	U201, U585	<input type="checkbox"/>
- Changing the subjects of formulae	U556	<input type="checkbox"/>
- Simplifying expressions by collecting like terms	U105	<input type="checkbox"/>

- Probability	U166, U580	
- Venn diagrams	U280, U476	
- Simple interest calculations	U533	
- Trigonometry: SOHCAHTOA	U283, U545	
- Probability Trees	U558	
- Simultaneous Equations	U760, U757	
- Angles	U826, U655, U732, U628, U730	
Key skills to practise	Where to find support on how to practise	Tick when complete
Sparx Higher topics PLC	Sparx Maths	
Problem solving questions	Maths genie, Corbett maths	
Learn Knowledge organiser content	Ms Teams	