

Year 8 Maths Homework Term 1

Sparx Maths is the platform we use for home learning. The goal is for every child, every week to do at least 1 hour of challenging but achievable mathematical practice outside of the classroom. This would enable children to raise their attainment and confidence in Maths. Sparx uses an algorithm to work out the level and type of questions to set each individual so they are just the right level to challenge but not too hard so that all questions can be completed.

Sparx Maths is set on a Wednesday and due the following Wednesday, for all students even if they don't have Maths that day. Every child can answer all of the questions in their compulsory homework by themselves. Sparx uses scaffolded pathways through topics which support learning unique to the individual. Every question has a support video to help answer questions they find challenging. Additional homework is available to students via XP Boost which is questions at a similar level to their compulsory home learning, target work to stretch students further and independent learning so they can look at any topic they chose and at any level of difficulty.

Parents will receive weekly emails to say if their child's current homework has been completed, we ask that only your child answers the questions on Sparx otherwise with too much help the questions will get too difficult. Please encourage your child to complete their home learning in good time so they can get support from their teachers before the deadline.

Homework Set	Topics	Homework Due
06 September	First Week N/A	13 September
13 September	Three introduction steps	20 September
20 September	Rounding; integers, decimals, significant figures	27 September
27 September	Estimating and error intervals	04 October
04 October	Sequences; term to term and position to term	11 October
11 October	Sequences position to term	18 October
18 October	Special sequences	01 November
25 October	Half Term	
01 November	Coordinates	08 November
08 November	Straight line graphs	15 November
15 November	Algebraic notation and terminology	22 November
22 November	Function machines and one step equations	29 November
29 November	Constructing equations and solving two step equations	06 December
06 December	Solving equations	13 December
13 December	Brackets; expanding, simplifying and solving	20 December
20 December	Christmas Holidays	