

Year 8 Maths Home learning Term 2

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.

Homework Set	Topics	Homework Due
10 January	<ul style="list-style-type: none"> Solving equations with unknowns on both sides 	17 January
17 January	<ul style="list-style-type: none"> Solving proportion problems Interpreting real-life graphs 	24 January
24 January	<ul style="list-style-type: none"> Currency conversion Graphs of direct and inverse proportion 	31 January
31 January	<ul style="list-style-type: none"> Understanding similarity Finding unknown sides in similar shapes Drawing and interpreting scale diagrams 	07 February
07 February	<ul style="list-style-type: none"> Plotting scatter graphs Interpreting scatter graphs 	21 February
14 February	Half Term	
21 February	<ul style="list-style-type: none"> Revision of scatter graphs Using lines of best fit 	28 February
28 February	<ul style="list-style-type: none"> Tally charts Bar charts Pictograms 	06 March
06 March	<ul style="list-style-type: none"> Collecting and recording data using tables Designing and using questionnaires Drawing bar charts 	13 March
13 March	<ul style="list-style-type: none"> Interpreting frequency tables and two-way tables Interpreting frequency tables with grouped data 	20 March
20 March	<ul style="list-style-type: none"> Pie Charts 	27 March
27 March	<ul style="list-style-type: none"> Catch up on missing homework 	17 April
03 April	Easter Holidays	