



Statistics GCSE (100% exam)



Paper 1 –
Tuesday 2nd June

Paper 2 –
Friday 12th June

Paper 1

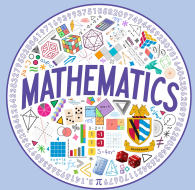


1 hour 30 mins

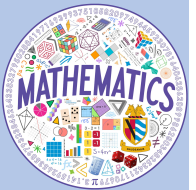
Paper 2



1 hour 30 mins



Maths GCSE (100% exam)



Paper 1

1 hour 30 mins

Paper 2

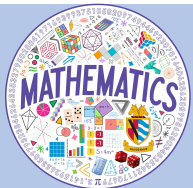


1 hour 30 mins

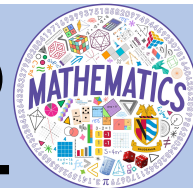
Paper 3



1 hour 30 mins



What can I do to support my child?



Revision

Homework

Space to work

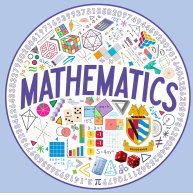
Resources

Equipment

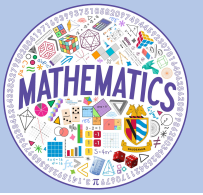
Encouragement

Casio FX-
85GT+



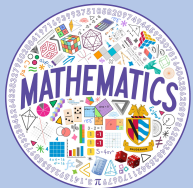


Statistics Revision Sessions

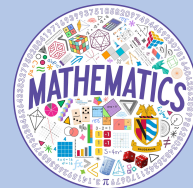


Every Monday (P6) and Friday (P0) we're running statistics Revision sessions in B3 and B7.

There will be 2 sessions each day, one higher and one foundation.



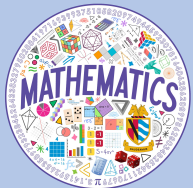
Homework



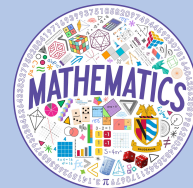
Task	When	Submitted	Need help?
Sparx	Weekly – every Wednesday	Online	Ask your teacher in person or email

Username - students first name and surname e.g joebloggs

Password – student set



Sparx



Sparx Maths
Student Login
You're logging in to Sparx at Malbank School and Sixth Form College.
[Not your school?](#)

Use your Sparx login

Username:

Password:
 [Show](#)

[Forgotten Sparx login details?](#)

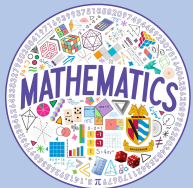
[New Sparx user?](#)

Username - students first name and surname e.g joebloggs

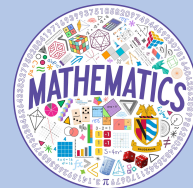
Password – student set



- Sparx produces three personalised tasks for you every single week that you have homework to complete
- After you finish your Compulsory homework, refine your skills by completing similar problems in **XP Boost**
- Further enhance your skills by completing the **Target** work which is a set of six questions chosen specifically to challenge you



Sparx



- Access every single question on Sparx
- Choose one of three levels of question
 - Introduce: basic skills
 - Strengthen: improve understanding
 - Deepen: problem solving
- Do this after Compulsory homework, XP Boost and Target

Independent Learning

Find topics | My activity

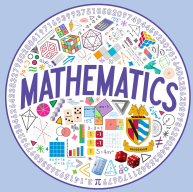
Search for topics:

Your curriculum:

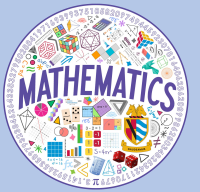
Default level:

Select a topic:

- Number
- Algebra
- Ratio and Proportion
- Geometry



Past Paper Feedback



For every past paper your child has completed this year, they have been given a feedback sheet with topics colour coded.

They have also been provided with alternative papers following their Mocks

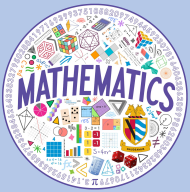
Question number on from your Paper

How many marks YOU got on that question

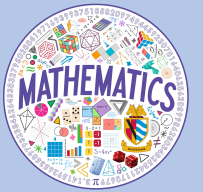
Questions	Topic	Score	Sparx Code
1a	Finding fractions of shapes, Converting between fractions, decimals & percentages	0 / 1	U679, U888
1b	Finding fractions of shapes	0 / 1	U679
2a	Using the correct order of operations	0 / 1	U976
2b	Using the correct order of operations	1 / 1	U976
3a	Interpreting bar charts	2 / 2	U557
3b	Drawing and interpreting pictograms	2 / 2	M644
4a	Converting between mixed numbers and improper fractions	1 / 1	U692
4b	Converting between mixed numbers and improper fractions	0 / 1	U692
4c	Adding and subtracting fractions	0 / 2	U736
4d	Multiplying fractions	0 / 2	U475

Focus on the "red" topics towards the start of the paper first

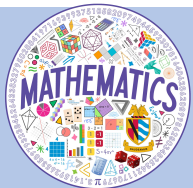
Type these codes into the search box on Sparx or click on the JM link



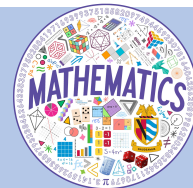
Example Revision Work



<u>Homework</u>		<u>Thursday 1st June 2017</u>	
<u>Task 1</u>		<u>Task 2</u>	
D40	$12 + 13 = \underline{25}$ ✓	E41	$P(\text{yellow}) = \frac{3}{6}$ ✗
E50	$4 \times 3 + 2 \times 5 =$ $12 + 10 = \underline{22}$ ✓	F51	$P(\text{black}) = \frac{4}{8}$ $= \frac{1}{2}$ ✓
F60	$\left. \begin{array}{l} 12 : 18 \\ \div 6 \end{array} \right\} \div 6$ $\underline{2 : 3}$ ✓	G61	All the marbles are green The probability of choosing a purple marble is <u>impossible</u> ✓
H70	$\frac{1}{14} + \frac{1}{7} = \frac{1}{\underline{21}}$ ✗	H71	$P(\text{odd}) = \frac{3}{5}$ ✓
J90	$\frac{1}{8} + \frac{1}{4} = \frac{1}{8} + \frac{2}{8}$ $= \frac{3}{8}$ ✓	<u>Task 3</u>	
A01	$\begin{array}{r} + 493 \\ 162 \\ \hline 655 \end{array}$ ✓	J22	Even ✓
B11	Area = 3×14 $\begin{array}{r} \times 14 \\ 3 \\ \hline 42 \end{array}$ Area = $\underline{42 \text{ cm}^2}$ ✓	K32	Unlikely ✗
		L42	B, A, C ✓
		M03	4 nano blue bottles ✓



Maths Genie



Maths Genie

GCSE A Level Maths A Level Papers KS2 Revision

Combined Means	Solutions
Comparative Pie Charts	Solutions
The Normal Distribution	Solutions
Quality Assurance	Solutions

From GCSE Maths Old Spec

Topic	Example(s)	Exam Questions	Solutions
Questionnaires	Revision	Questionnaires	Solutions
Stratified Sampling	Revision	Stratified Sampling	Solutions

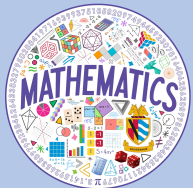
Topic

From GCSE Maths New Spec

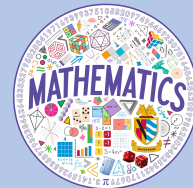
Topic	Example(s)	Exam Questions	Solutions
Averages from Frequency Tables	Revision	Averages from Frequency Tables	Solutions
Probability	Revision	Probability	Solutions
Scatter Graphs	Revision	Scatter Graphs	Solutions
Cumulative Frequency and Box Plots	Revision	Cumulative Frequency and Box Plots	Solutions
Probability Trees	Revision	Probability Trees	Solutions
Venn Diagrams ("Given that" questions)	Revision	Venn Diagrams	Solutions
Histograms	Revision	Histograms	Solutions

Answers written on to a copy of the paper

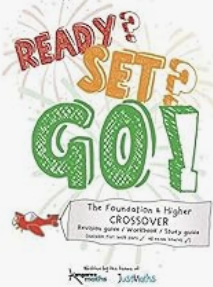
Video of a teacher completing the paper



Revision Guides



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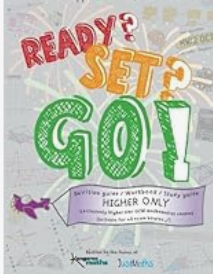
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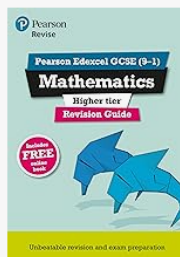
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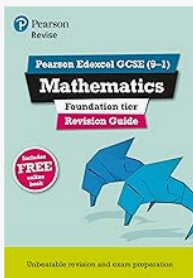
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