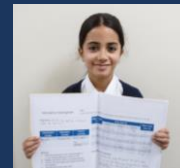


Together, Be the Best We Can Be.

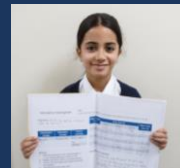
Present – Achieving – Excelling



Year 11 Parent/Carer Information Evening

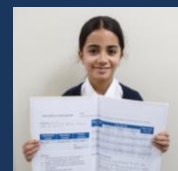
Maths Department

Kettlethorpe
HIGH SCHOOL



Programme of Study

Tier	Topic area	Weighting
Foundation	Number	22 - 28%
	Algebra	17 - 23%
	Ratio, Proportion and Rates of change	22 - 28%
	Geometry and Measures	12 - 18%
	Statistics & Probability	12 - 18%
Higher	Number	12 - 18%
	Algebra	27 - 33%
	Ratio, Proportion and Rates of change	17 - 23%
	Geometry and Measures	17 - 23%
	Statistics & Probability	12 - 18%

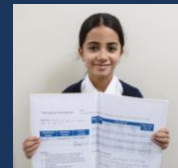


Overview of Assessment

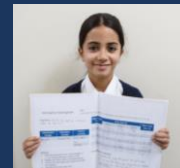
There will be three written papers, each contributing 33 % of the marks towards the final grade.

There are two tiers of entry:

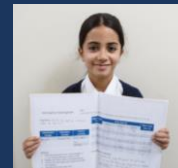
Foundation (grades 1-5)	Paper 1 Non-calculator 33.3% weighting 1 hour and 30 minutes 80 marks	Paper 2 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks	Paper 3 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks
	Paper 1 Non-calculator 33.3% weighting 1 hour and 30 minutes 80 marks	Paper 2 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks	Paper 3 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks



Timeline for the Year

[illegible]

So what can
we do to
help?

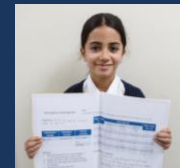


1. Ensure that homework is completed

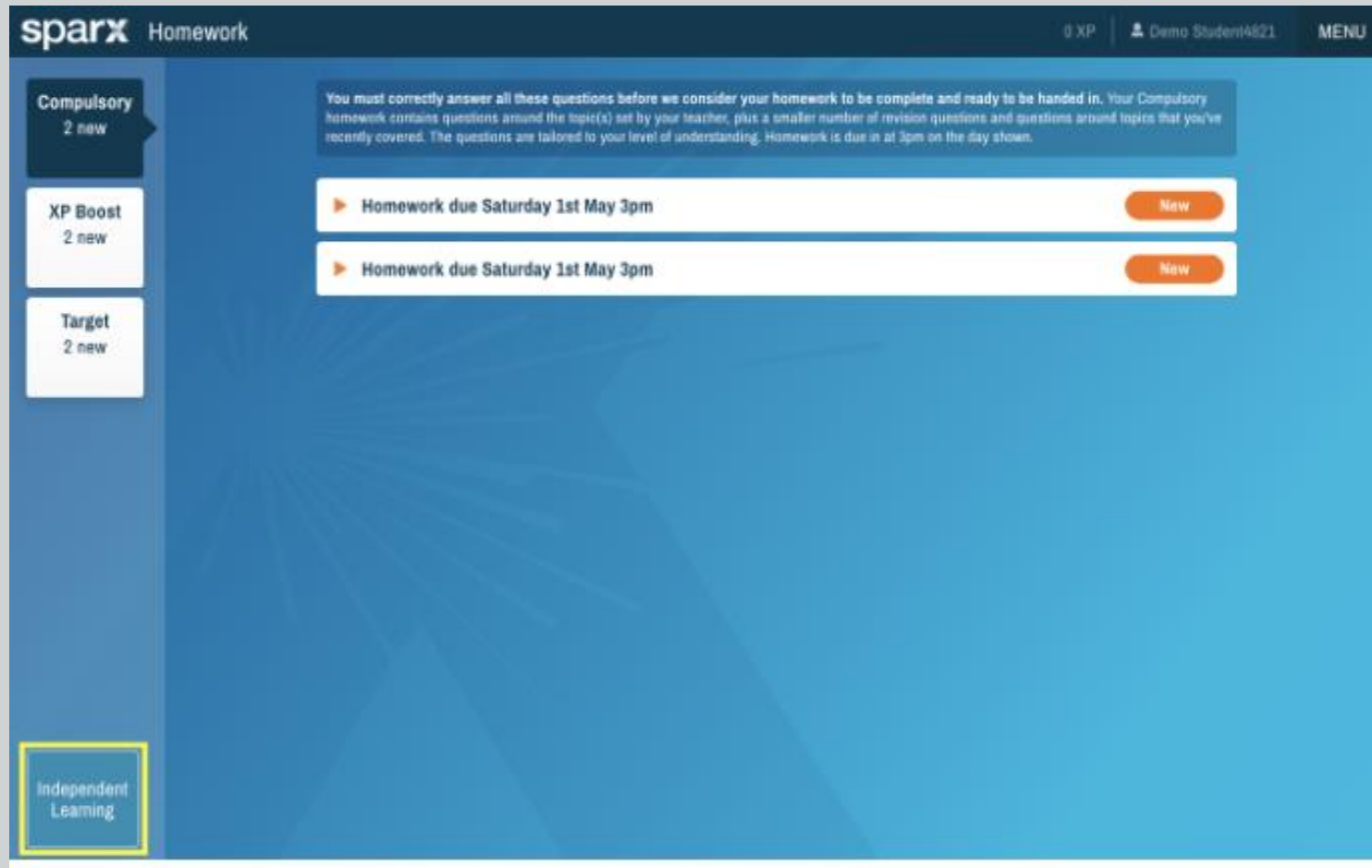
Higher - Year 11 – Revision list

Test 1: Week beginning 20th October 2025 (Non-calculator)

Topic/Skill	Sparx Numbers	Revised it	Nailed it
Inequalities	U509 U759		
Product of primes	U739 U250		
Standard form	U330 U534 U264 U290		
Angles in Polygons	U427		
Quadratic Graphs	U989 U667		
Density	U910		
Recurring decimals to fractions	U689		
Probability trees	U558 U729		
Direct and inverse proportion	U407 U640 U138 U364		
Indices	U235 U694 U772		



You only get better at Maths by Doing Maths!

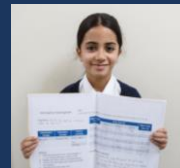


Kettlethorpe
HIGH SCHOOL



1. Ensure that homework is completed

2. Use analysis grids to identify weaker areas.



Question	Topic	Sparx Video Clip	Max Marks	Marks	RAG
1	Convert metric units of length	U388	1	1	✓
2	Simplify expressions	U105	1	1	✓
3	Reflection	U849	1	1	✓
4	Place value		1	1	✓
5	Convert fractions, decimals and percentages	U888	1	1	✓
6	Reading pictograms	U506	1	1	✓
7	Addition and subtraction	U417	3	3	✓
8	Reading bar charts	U363, U557	3	3	✓
9	Sequences using diagrams	U213	2	1	!
10	Adding directed numbers	U742	2	2	✓
11	Multiplication and subtraction	U127, U417	4	2	!
12	Addition and multiplication of fractions	U736, U475	4	2	!
13	Probability of an event	U408	2	2	✓
14	Substitution	U201	2	2	✓
15	Multiplying decimals	U293	3	3	✓
16	Calculations with speed	U151	4	0	✗
17	Frequency trees	U280	5	4	!
18	Proportion (recipes)	U721	2	1	!
19	Increase an amount by a percent	U773	3	3	✓
20	Adding and subtracting fractions	U736	3	3	✓
21	Draw an ordered stem and leaf diagram	U200	3	1	!
22	Volume of cylinders (in terms of pi)	U915	3	0	✗
23	Solving inequalities	U759	2	0	✗
24	Product of prime factors	U739	2	1	!
25	Sharing in a ratio and fractions of amounts	U577, U881	5	5	✓
26a	Converting to and from standard form	U330, U534	2	1	!
26b	Multiplying numbers in standard form	U264	2	1	!
27	Angles in regular polygons	U427	3	3	✓
28ab	Drawing a quadratic graph	U989	4	4	✓
28c	Solving graphically	U875	2	0	✗
29	Calculating density	U910	3	0	✗
30	Exact trig values	U627	1	0	✗
				0	
				0	
				0	
Total				53	

Stage 1 Increase knowledge

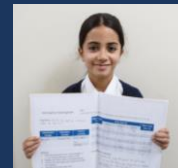
Use Sparx Maths clips to identify videos which will help fill the gap in knowledge

Stage 2 Improve exam technique

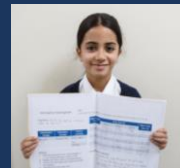
Use Maths Genie topic specific exam questions

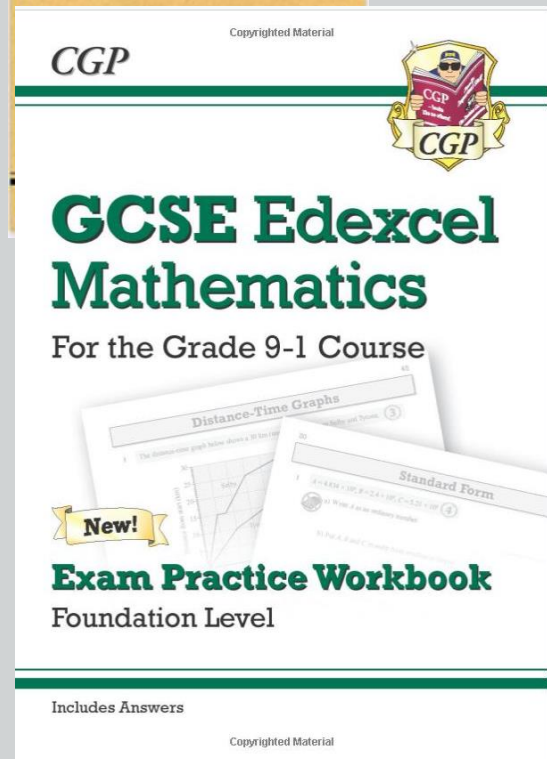
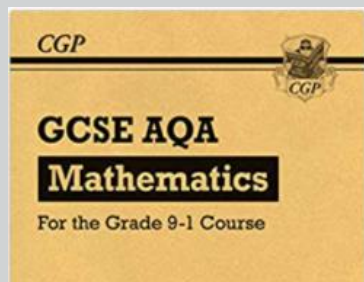
Stage 3 Apply to past papers

Kettlethorpe
HIGH SCHOOL



1. Ensure that homework is completed
2. Use analysis grids to identify weaker areas.
3. Use practise papers with mark schemes





GCSE Exam Papers (Edexcel)

Edexcel past papers with mark schemes and model answers.

Pearson Education accepts no responsibility whatsoever for the accuracy or method of working in the answers given.

[OCR Exam Papers](#)

[AQA Exam Papers \(External Link\)](#)

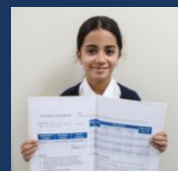
[Grade Boundaries](#)

For GCSE Maths I am using the Casio Scientific Calculator: [Casio Scientific Calculator](#)

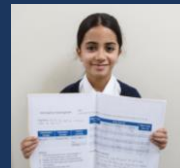
New 1-9 Specification GCSE Exam Papers

Paper	Mark Scheme	Solutions	Video Solutions
November 2018 Foundation Paper 1	Mark Scheme	Solutions	Video
November 2018 Foundation Paper 2	Mark Scheme	Solutions	Video
November 2018 Foundation Paper 3	Mark Scheme	Solutions	Video
November 2018 Higher Paper 1	Mark Scheme	Solutions	Video
November 2018 Higher Paper 2	Mark Scheme	Solutions	Video
November 2018 Higher Paper 3	Mark Scheme	Solutions	Video
June 2018 Foundation Paper 1	Mark Scheme	Solutions	Video
June 2018 Foundation Paper 2	Mark Scheme	Solutions	Video
June 2018 Foundation Paper 3	Mark Scheme	Solutions	Video
June 2018 Higher Paper 1	Mark Scheme	Solutions	Video
June 2018 Higher Paper 2	Mark Scheme	Solutions	Video
June 2018 Higher Paper 3	Mark Scheme	Solutions	Video
November 2017 Foundation Paper 1	Mark Scheme	Solutions	Video
November 2017 Foundation Paper 2	Mark Scheme	Solutions	Video
November 2017 Foundation Paper 3	Mark Scheme	Solutions	Video
November 2017 Higher Paper 1	Mark Scheme	Solutions	Video
November 2017 Higher Paper 2	Mark Scheme	Solutions	Video
November 2017 Higher Paper 3	Mark Scheme	Solutions	Video

Kettlethorpe
HIGH SCHOOL



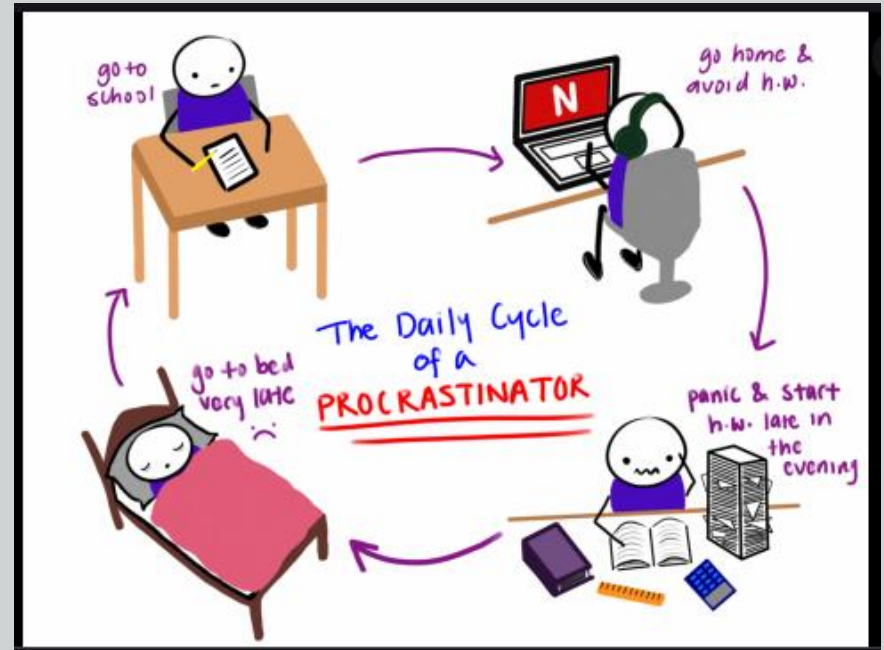
1. Ensure that homework is completed
2. Use analysis grids to identify weaker areas.
3. Use practise papers with mark schemes
4. Attend all holiday workshops that you are invited to.



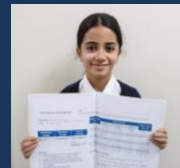
Attend Workshops

- Targets areas of weakness
- Guided by maths specialists

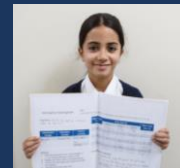
75% of students consider themselves to be procrastinators. Research suggests low levels of confidence delays the start of work.



1. Ensure that homework is completed
2. Use analysis grids to identify weaker areas.
3. Use practise papers with mark schemes
4. Attend all holiday workshops that you are invited to.
5. Encourage good ATL and ensure that they come to School every day.

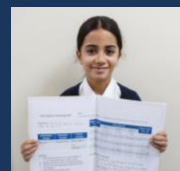


ATL 1 pupils P8 was +1.4
ATL 2 pupils P8 was +0.4
ATL 3 pupils P8 was -0.5
ATL 4 pupils P8 was -1.4
Pupils not attending P8 was -1.9



QUESTIONS

Kettlethorpe
HIGH SCHOOL



Together, Be the Best We Can Be.

Present – Achieving – Excelling

