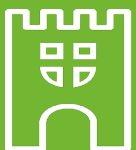


How to prepare for a Maths exam.

How will we be helping your child prepare?

What can your child be doing at home?

What resources are available?



Exam board - AQA

PPEs: 28 Feb, 1 March, 6 March

GCSEs: 16 May, 3 June, 10 June

THREE written exams

Paper 1 Non calculator (80 marks) $1\frac{1}{2}$ hours

Paper 2 Calculator (80 marks) $1\frac{1}{2}$ hours

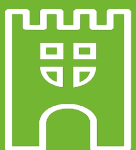
Paper 3 Calculator (80 marks) $1\frac{1}{2}$ hours



There are 2 tiers of entry, Higher or Foundation.

Higher	9	8	7	6	5	4		
Foundation				5	4	3	2	1

Final decisions will be made after the PPE.



PREPARING FOR EXAMS IN SCHOOL

In Lessons:

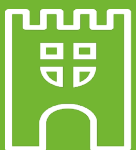
- **Targeting topics specific to reaching their milestone**
- **Problem-solving**
- **Practicing exam technique through online exam papers**

Morning registration:

- **targeted intervention for selected pupils**

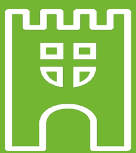
Lunchtime & after school:

- **revision sessions for all pupils**



REVISION SESSIONS

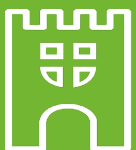
Class	When	Where	Teacher
11AH1	Wed lunch		Mr Pitts
11AH2	Tues after school	S2	Mr Buckingham
11AH3	Thurs lunch	S4	Mrs Davis
11AH4	Wed after school	09	Mrs Murphy
11AF1	Tues lunch or Thurs after school		Mrs Sully
11AF2	Wed after school	S12	Mr Owen
11BH1	Mon lunch		Mr Berriman
11BH2	Wed after school		Mr Pitts
11BH3	Wed after school	09	Mrs Murphy
11BF1	Tues lunch or Thurs after school		Mrs Sully
11BF2	Frid lunch	S2	Mr Buckingham
11BF3	Mon lunch	S4	Mrs Davis



The Castle School

ACHIEVE | BELONG | PARTICIPATE

How can you support your child with maths revision?





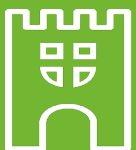
PPE & Online Practice papers

**Teachers will provide feedback
identifying what topics your child needs
to work on**



How to use a PLC (personal learning checklist) effectively

Question Level breakdown:			Paper 1			Paper 2			Paper 3		
		Total Marks		Total Marks	% Marks achieved		Total Marks	% Marks achieved		Total Marks	% Marks achieved
1	Similar Shapes (231, 232)	1	100%	1	Substitution (Point on Curve)(20)	100%	1	100%	1	Write as a Fraction (136)	100%
2	Fraction multiplication (142)	1	100%	2	Error intervals (377)	100%	1	100%	2	Probability of 2 or more events (243,2)	100%
3	Arc Length (58)	1	100%	5	Loci (75,76,77)	100%	3	100%	5	Enlargement (104-104a)	100%
4	Decimal to Fraction (123)	1	100%	6	Speed Problem	100%	3	100%	6	Upper and Lower Bounds (183-184)	67%
5	Standard form (300)	3	67%	7	Pythagoras and Area (257)	100%	4	100%	7	Density/Proportion (384)	100%
6	Probability Tree Diagram (252)	6	17%	8	Curve Sketching (Quadratic) (265)	100%	2	100%	8	Rearranging Formula (7-8)	100%
7	Reverse Percentages (240)	2	100%	9	Frequency Table Median (51)	80%	5	80%	9	Forming an Equation (115)	100%
8	Laws of Indices (172-175)	3	67%	10	Inequalities (176-181)	100%	3	100%	10	Compound Interest (236)	100%
9	Area of Circles (40)	4	50%	11	Ratio (271)	100%	2	100%	11	Mean and Ratio (53)	100%
10	Reciprocal Graph (346)	4	100%	12	Relative Frequency (248)	100%	1	100%	12	Find equation of line (134)	100%
11	Sharing in Ratio (270)	3	100%	13	Estimating Mean (54)	40%	5	40%	13	Vectors - Drawing (353,353a)	100%
12	Sequences (230)	1	100%	14	Product Rule for counting (385)	100%	4	100%	14	Ratio and Proportion (263, 271a)	100%
13	Estimation/Volume Prism (280, 183, 184)	3	100%	15	Equation of Line (194)	25%	4	25%	15	Algebraic Fractions/Indices (23)	100%
14	Ratio/Angles in Quadrilaterals (271)	3	100%	16	Sine Area (43, 357)	75%	4	75%	16	Area of Sectors (46)	50%
15	Cumulative frequency (143,150,154)	5	60%	17	Upper and Lower Bounds (183-184)	33%	3	33%	17	Relative Frequencies (248)	100%
16	Algebraic Fractions (24)	3	100%	18	Probability (245)	100%	3	100%	18	Expanding Brackets (13, 7)	67%
17	Forming Equations (115)	3	33%	19	Trigonometry (329,330)	75%	4	75%	19	Box Plots (143)	100%
18	Identities/DoTS (120)	3	100%	20	Algebraic Proof (365)	25%	4	25%	20	Direct proportion (254)	100%
19	Recurring Decimals (96)	1	100%	21	Surface Area Cone (314)	100%	3	100%	21	Ratio and Proportion (263, 271a)	100%
20	Proof/Circle Theorems (366)	5	40%	22	Surds (305-308)	100%	3	100%	22	Venn Diagrams (380)	100%
21	Simultaneous Equations (235-238)	4	50%	23	Volume & area of similar shapes (293a)	100%	1	100%	23	Exponential Graph (345)	100%
22	Vectors (353)	4	25%	24	Quadratic Inequalities (378)	67%	3	67%	24	3D pythagoras & trig, Volume(257,332)	100%
23	Laws of Indices (172-175)	3	33%	25	Histograms (157-159)	25%	4	25%	25	Transformations - Invariant Points (332)	100%
24	Trig Values (341)	1	100%	26	Identity Values (15)	67%	3	67%	26	Composite Functions (370)	100%
25	Equation of Circles - Straight lines (372)	6	100%	27	Functions (363)	100%	5	100%	27	Cosine Rule (Ratio) (336)	100%
26	Completing the Square (265, 267a, 371)	3	100%	0			0		28	Area under (383)	100%
27	Trig Values/Surds (341, 305)	3	100%	0			0		0		



Revision list

HIGHER REVISION LIST:

In February/ March you will sit three maths papers, each lasting 1 hour 30 mins. Paper 1 is non-calculator; papers 2 & 3 both require the use of a calculator. To all exams you should also bring a black pen, pencil, ruler, rubber, protractor and compasses. The topics shown below are topics that will appear in the Spring term PPE. You should RAG rate your understanding of each of these, based on your PLCs from the October PLCs, then spend longer working on your red and amber topics.

To revise you should

- watch the [Corbettmaths](#) video & make revision notes
- do the practice questions and mark them
- use your revision guide, workbook & [Corbettmaths](#) revision cards to revise & practice topics
- come to revision sessions, ready with questions to ask

TOPIC	CORBETTMATHS			
Add subtract, multiply & divide decimals	90,91,92,93,94			
Reverse fractions	138			
Reciprocal	145			
% of quantities with and without a calculator	234,235, 238, 239			
Write one quantity as a fraction or % of another	136, 233, 237			
Compound interest & depreciation	236			
Change between fractions, decimals & %	121 - 129			
Limits of accuracy & error intervals	183, 184, 280, 377			
Prime numbers & product of prime factors	225, 223			
Multiples, factors, HCF & LCM	220,216, 218, 219, 224			
Indices (incl. negative & fractional)	172, 173, 174, 175			
Ratio	269 - 271			
Standard form	300 - 303			
Direct & inverse proportion	254, 255			
Surds	305 - 308			
Substitution	20			
Linear Sequences	286 - 290			
Expanding single, double & triple brackets	13, 14			
Factorising	117, 118, 119, 120			
Completing the square	267a			
Solve quadratic equations by factorising	266			
Solving equations	110 - 115			



Go back through the topic. You can use...

Corbettmaths

Videos, worksheets, 5-a-day and much more

The Corbettmaths
videos

Maths Genie

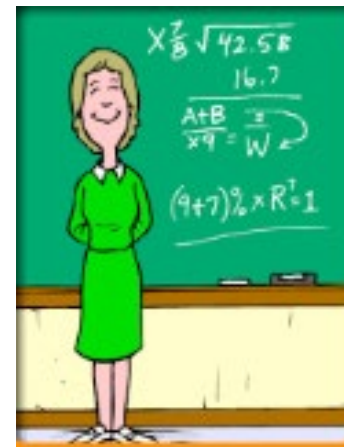
Mathsgenie videos

GCSE Revision Cards

Available for GCSE Higher or Foundation Tier



Test them on
remembering facts

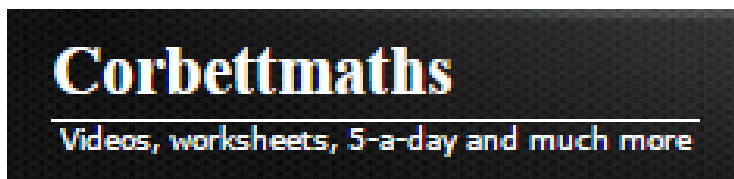


dfm
drfrostmaths.com

Dr Frost videos



- Practice by doing questions. You can use....



Corbettmaths
Practice questions

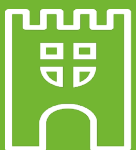


Maths Genie
Practice questions

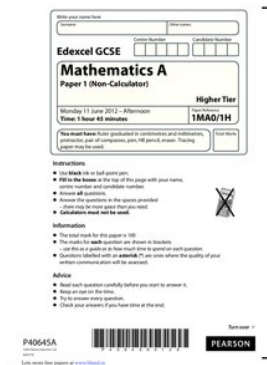


Dr Frost
Practice questions

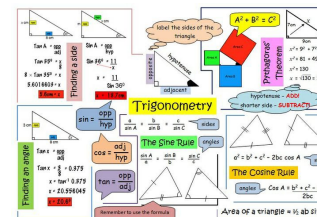
- CHECK – mark your work



“ Do all the practise papers.”

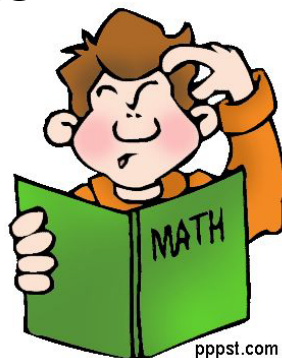


“ Make revision cards.”



Which method is best?

“ Read over maths revision books.”



“ Use maths websites”



Resources

- **Maths equipment: pen, pencil, ruler, protractor, compasses, scientific calculator**
- **Revision cards £6.30**
- **Practice exam papers & video linked 'Ultimate Revision' £9.90 (free on school website)**
- **Grade 8/9 Targeted workbook £3.50**