Colmers School and Sixth Form College

Opening Minds, Opening doors

COLMERS SCHOOL
& SIXTH FORM COLLEGE

Key Stage 4 Maths

Year 11

Higher Tier

Milestone Assessment Preparation

Assessment Cycle two

16th November 2026

You have an assessment during week commencing 16th November

- Here is a list of the topics in your upcoming assessment linked to the clip numbers in mathswatch
- If you do get stuck, watch the video clips or ask your teacher for help.
- Try your absolute best!
- You will be expected to use **https://vle.mathswatch.co.uk/vle/** to revise the topics listed in the revision booklet and complete the homeworks.

Log on details:
Username: 22surnamefirstname@colmers
Password: colmers

NAME: **GROUP:**

TEACHER:

Achieving Excellence, Belonging Together, Challenging Mindsets

Colmers School and Sixth Form College

Year 11 Maths Revision Topics Higher

Assessment Cycle two - w/c 16th November

- Here is a list of the topics that will be on your upcoming assessment cycle linked to the clip numbers in mathswatch.
- If you do get stuck, watch the video clips then ask your teacher for help.
- You will be expected to use https://vle.mathswatch.co.uk/vle/ to revise the topics and complete any revision homework.

Log on details:
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	Paper 1 Non-Calc Topics	Clip number	Mathswatch Revision Completed Before	Mark Achieved	Confidence ☺ 😐 ☹	Extra practise completed Where/what?
1	Solving inequalities	139				
2	Product of prime factors	78				
3	Fractions, Percentages & Ratio	107				
4	Standard form	83				
5	Angles in polygons	123				
6	Quadratic graphs	98				
7	Density / Mass / Volume	142				
8	Estimate of the mean	130b				
9	Surface area	114a,114b				
10	Ratio / Fraction	107				
11	Cumulative frequency	186				
12	Recurring decimals	177,189				
13	Sectors / Pythagoras	167,150a-c				
14	Gradient at a point	97				
15	Vectors	174,219				
16	Independent events probability	175				
17	Direct & inverse proportion	199				
18	Fractional and negative indices	188,154				
19	Algebraic fractions	210a,210b				
20	Tangent to a circle	149				
21	Sectors / Area of a triangle	167,203				

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Year 1 1 Higher Maths Revision Booklet

Assessment Cycle two

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	Paper 2 Calculator Topics	Clip Number	Mathswatch Revision Completed Before	Mark Achieved	Confidence ☺ 😐 ☹	Extra revision Completed Where/What
1	Index Laws, Simplifying/expand & factorise expressions	82,33-35 94				
2	Translations	50				
3	Error intervals	155				
4	Area problem solving/conversion of units	53 112				
5	Coordinates & Ratio	107				
6	Depreciation/Compound decrease	164				
7	Exchange Rates problem solving	105				
8	Use of calculator	77				
9	Pressure / Force / Area	142				
10	y = mx + c straight line graphs	159a				
11	Enlargements	148				
12	Box Plots	187				
13	Inverse Proportion	199				
14	Capture - recapture	152				
15	Ratio problem solving	38				
16	Venn diagrams	127				
17	Volume of Cones and spheres	169/171				
18	Sine and Cosine Rule	201/202				
19	Functions	36				
20	Circle Theorems	183				
21	Transforming functions	196a/196b				
22	Quadratic inequalities	212				