

Year 8 Revision

The Year 8 test will cover all the topics that the students have been studying in lessons this year as well as key mathematical skills (calculation skills) learnt and revised throughout all Key Stage 3 lessons. In a separate classroom assessment they will also be tested on their written methods for addition, subtraction, multiplication and division.

This content can be revised using your child's Mathematics exercise book as the level of work that they are expected to be able to cope with will be covered in. In addition, students can access revision materials on the School VLE and using the MathsWatch website. The "KS3 Intervention" section of the Maths area of the VLE contains examples, questions and answers for key Maths skills. The MathsWatch website is accessible via the link on the school's VLE and students can log in as follows:

CENTRE ID: wallingford

USERNAME: Student's normal school username in the form 00surnamef

PASSWORD: Student's username again, in the form 00surnamef

The clip numbers below refer to the MathsWatch KS3 area. Although we admire the enthusiasm of revising work higher than the level at which you are working in class, it is much more important that pupils have a sound knowledge of the expected level at which they are working. It is recommended that students start with the lower levels within the range and revise up to the higher level topics.

8P	Level 5 and above	8Y	Level 5 and above
8X	Levels 4, 5 and 6	8R	Levels 5 and 6
8E	Levels 3 and 4	8T	Levels 4 and 5
		8S	Levels 3 and 4

As part of their preparation for the exam, students should also ensure that they have all of the equipment they will need. For Maths, students will need a pencil, ruler, rubber, protractor and calculator. All are available to buy from the school office.

Topics that may be assessed include:

Number	Level 3	Level 4	Level 5	Level 6	Level 7+
Calculations	C?*	C?*, N9	C?*, N13	C?*	C?*
Place value	N1				
Rounding			N14		N22
Negative numbers	N2		N15		
Decimals		N11		N19	
Fractions	N3	N10	N16, N17	N19, N20	
Percentages		N10		N19	
Ratio		N12	N18		
Multiples & factors		N7, N8		N21	

* The Calculations section (C?) of MathsWatch is great revision for many mental and written numeracy skills.

Algebra	Level 3	Level 4	Level 5	Level 6	Level 7+
Simplification of algebra			A3	A9	A16, A17, A18
Sequences		N5, N6		A11, A12	A28
Graphs		A2	A4, A5	A13, A14, A15	A24

Equations		A1	A6	A8, A10	A19, A21
Substitution				A7	

Shape and space	Level 3	Level 4	Level 5	Level 6	Level 7+
Units	S4	S10			S36
Area		S12	S16	S24, S25, S29	S31
Perimeter		S11		S28	
Volume				S26, S27	S32, S33
Accurate drawing			S14	S19	S34
Properties of shapes	S1		S13	S17, S20	
Pythagoras					S30
3D shapes	S2	S4		S18	
Transformations	S3	S7, S8, S9		S22	
Angles			S15	S21	

Data	Level 3	Level 4	Level 5	Level 6	Level 7+
Averages		D5	D7		D14
Charts	D1, D2			D8, D9, D10	
Questionnaires				D12	