

EOY exam - Year 10 Foundation Revision list

Week 1 28 Aug (Ins 1)	Week 2 4 Sep	Week 3 11 Sep	Week 4 18 Sep	Week 5 25 Sep	Week 6 2 Oct	Week 7 9 Oct	Week 8 16 Oct
4 lessons per week	Number 1 (24 lessons)						Algebra 1 (20 lessons)
				CA1			CA
Holiday 23 Oct	Algebra 1 (20 lessons)		EXAM PERIOD	Algebra 1 (20 lessons)		Geometry 1 (20 lessons)	
			CA3 Full Exam				CA4
Week 16 18 Dec (off 22-23)	Holiday 25 Dec	Holiday 1 Jan (Ins 5,6)	Geometry 1 (20 lessons)			Statistics 1 (12 lessons)	
Geometry 1 (20 lessons)				CA5		CA6	
Week 22 12 Feb	Holiday 19 Feb	Number 2 (28 lessons)			EXAM PERIOD	Number 2 (28 lessons)	
Statistics 1 (12 lessons)		CA7			CA8-Full Exam		
Holiday 9 Apr	Holiday 16 Apr	Number 2 (28 lessons)		Algebra 2 (20 lessons)			
			CA9				

Two exam 50 mins each – 1st exam Non-Calculator 2nd exam Calculator — Week beginning 11th June

Exam could be on any topic that we have covered this year up to algebra 2

Topic to be considered

- **Number (including)**
- Place Value
- Factors and multiples, squares and cubes, prime numbers
- Add and subtract numbers and decimals
- Multiplying and division (including decimals)
- Decimals and Fractions conversions - Ordering Decimals
- Multiplying & dividing by 10/100
- Using Negative Numbers
- Adding and Subtracting negative numbers
- Multiplying and Dividing with Negative Numbers
- BIDMAS
- Calculating with Indices
- Calculating Square roots and Cube roots
- Multiplying and Dividing Powers and how to simplify
- Writing and calculating in standard form (add and subtract, multiply and divide)
- **Algebra 1**
- Writing expressions
- Simplifying Expressions and Collecting Like Terms
- Multiplying with Letters and Numbers
- Expanding brackets
- Forming and solving equations
- Substitution & use of a formula
- Sequences including nth term

- Plotting coordinates
- **Geometry**
- Estimating angles
- Angle facts
- Find missing angles in triangles/quadrilaterals and parallel lines
- Proof involving angles
- Using a protractor
- Nets
- Constructions to scale and angle/perpendicular bisector
- Congruence and similarity
- Tessellations/isometric drawings
- Line and rotational symmetry
- Properties of quadrilaterals
- Perimeter and area of rectilinear shapes
- **Statistics**
- Distance/Time graphs
- Velocity/Time graphs
- Real life graphs
- Mean, Mode, median and range
- Mean from a frequency table
- Estimate of the mean
- Pie charts, Bar charts, Pictograms, line graphs
- **Number 2**
- Fraction skills – equivalent, improper, mixed, of an amount,
- Fraction skills – Add and subtract, multiply and divide
- Fraction, decimal and percentage skills
- Percentages of an amount, increase and decrease
- Percentage change
- Reverse percentages and compound interest
- Ratios – sharing, equivalents, maps and scales
- Direct and inverse proportion
- Rounding and estimating
- **Algebra 2**
- Factorising expressions
- Changing the subject of a formula
- Inequalities – representing on a number line and solving

You may wish to use [Mathswatch](#), [Kerboodle](#), your exercise book and old assessment passports to help with revision

Any questions ask your maths teacher

Good luck