

EOY exam - Year 9 Higher 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 | |
|-------------------------------|-----------------------|---------------------------------|-------------------------|-------------------------------------------|-------------------------|-------------------|-------------------|--|
| 3 lessons per week | Number 1 (21 lessons) | | | | | | | |
| | | | CA1 | | | CA2 | | |
| Holiday 23 Oct | Number 2 (23 lessons) | | | | | | | |
| | | | | CA3 FULL EXAM | | | CA4 | |
| Week 16 18 Dec (off 22-23) | Holiday 25 Dec | Holiday 1 Jan (Ins 5,6) | Algebra 1 (24 lessons) | | | | | |
| Number 2 (23 lessons) | | | | | CA5 | | CA6 | |
| Week 22 12 Feb | Holiday 19 Feb | Algebra 1 (24 lessons) | | | Geometry 1 (30 lessons) | | | |
| Algebra 1 (weeks) | | | | CA7 | | | CA8-Full exam | |
| Holiday 9 Apr | Holiday 16 Apr | Geometry 1 & Basic trigonometry | | | | | | |
| | | | | CA9 | | | | |
| | | Week 36 18 Jun | Week 37 25 Jun | Week 38 2 Jul | Week 39 9 Jul | Week 40 16 Jul | Holiday 24 Jul | |
| | | EXAM PERIOD??? | EXAM CORRECTIONS | STATS GCSE PREP SET ONLY | | | | |
| | | CA11 | | Revision on topics of concern (from exam) | | | | |
| | | | | CA12 Resit | | | | |

Two exam 50 mins each – 1st exam Non-Calculator 2nd exam Calculator – Week beginning 18th June

Exam will cover work that you have covered this year (Up to Geometry 1 & basic Trigonometry) with some basic foundation knowledge that we would expect Higher pupils to have retained.

Topics that could be tested

- **Number**
- Multiplying/Dividing whole numbers and decimals
- Properties of numbers - Factors, multiples and primes
- Highest common factor and lowest common multiple – HCF/LCM
- Fraction essentials – Ordering, equivalent, cancelling and mixed numbers
- Fractions – Add/Subtract/Multiply and divide
- Estimates
- Ratio – Splitting, equivalents, 3 way problems, ratio in context
- Direct and inverse proportion (not involving k)
- Conversion graphs
- Negative numbers – add, subtract, multiply and divide
- Fraction, decimal and percentage conversions
- Recurring decimals as fractions
- Increase and decrease percentages (calc and non calc)
- Reverse percentages
- Percentage profit and loss
- Compound interest and depreciation/simple interest
- Using a calculator/BIDMAS
- Standard form – converting numbers and calculating in standard form add, subtract, multiply and divide (calc and non calc)

- Substitution into formulas
- Conversions – Metric and imperial conversions
- Upper and lower bounds
- Error intervals

- **Algebra**
- Writing expressions, simplifying
- Expanding and simplifying, expand 3 brackets
- Factorising (single brackets)
- Solving equations (including fractional)
- Trial and improvement/iteration
- Nth term of linear/quadratic sequences
- Geometric and arithmetic progressions
- Draw linear graphs and real life graphs
- Composite functions
- Naming straight line graphs
- Solve simultaneous equations from graphs and algebraically
- Factorising quadratics (and when $a > 1$)

- **Geometry**
- Angle basics – line, point, parallel lines
- Shape properties
- Angles in special triangles and quadrilaterals
- Angles in polygons – Exterior and interior
- Congruence & similar shapes
- Loci and constructions
- Pythagoras including 3D
- Trigonometry including finding angles and sides
- Area basic shapes
- Area composite shapes

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