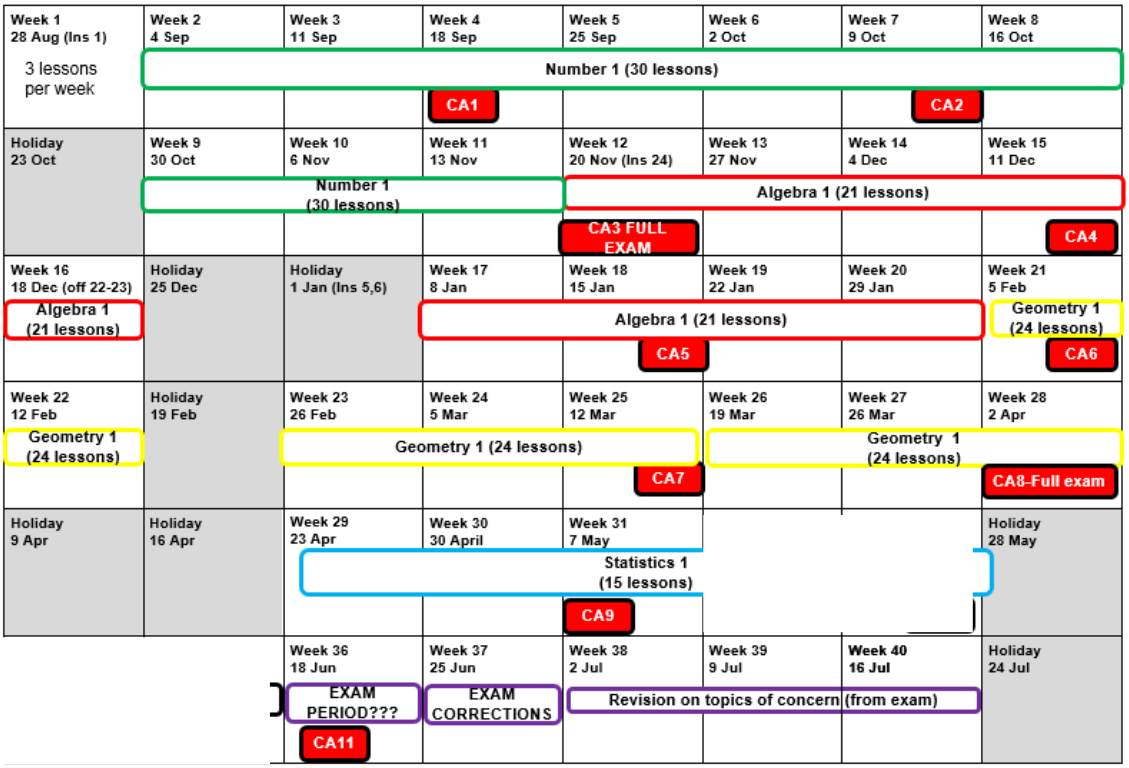
EOY - Year 9 Foundation Revision list



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

Exam could focus on anything you have studied this year up to Statistics 1

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)
- Long multiplication and division and solving worded problems

- **Algebra (including)**
- 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
- Isometric drawings
- Area of rectangles
- Area and perimeter of rectilinear shapes

- **Statistics 1**
- Distance Time graph
- Velocity time graphs
- Real life graphs and sketching
- Mean, Mode, Median and range of data
- Mean from a frequency time
- Stem and leaf diagrams
- Representing data and pictograms
- Drawing and interpreting pie charts

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