



Formal assessment: Revision Guidance

Circulation	Year 9- Student
Title	Year 9- End of Year assessment Revision
Purpose	To provide revision information for EOY assessment

You will sit **two papers** in total, **one non- calculator** and **one calculator**

Year 7 content:

Unit 1 (Number):

Ordering Numbers, Negative Numbers, BIDMAS, Rounding Decimals and Significant Figures

Unit 2 (Algebra):

Algebraic Notation, Writing and Simplifying, Expressions, Sequences

Unit 3 (FDP and estimation):

Decimals/ Rounding/ Estimation, Fraction Notation/ Order Fractions, FDP Conversion, Percentage of an amount/ Percentage increase and decrease

Unit 4 (Measure):

Drawing and Measuring Lines & Angles, Properties of 2D, Angles on Parallel Lines Rules

Unit 5 (Transformation):

Translation, Reflection, Rotation

Unit 6 (Geometry):

Angle rules

Unit 7 (Statistics):

Averages and displaying data/ Grouping data, Averages and comparing data

Year 8 content:

Unit 1 (Graphs):

Substitution, Linear graphs, $Y = mx + c$

Unit 2 (Percentages):

Percentage of an amount, Percentage increase and decrease

Unit 3 (Number):

Fractions Arithmetic

Unit 4 (Algebra):

Linear Equations, Rearranging Formulae, Expanding Double/Triple Brackets, Factorising

Unit 5 (Geometry):

Circle Features, Area of a Circle, Sectors

Unit 6 (Geometry):

Perimeter, Circumference of a circle, Arc Length, Compound shapes, Surface Area of a cylinder

Unit 7 (Probability):

Probability scale, Theoretical and Experimental probability, Sample space diagram
Two-way table, Probability trees

Unit 8 (Data):

Types of data, Sampling, displaying data, Stem and leaf diagram, scatter graph, Distance time graph

Unit 9 (Algebra):

Direct proportion on graphs, Gradients

Unit 10 (Number):

Ordering and rounding decimals, Calculating with decimals

Year 9 content:

Unit 1 (Indices and Standard form):

Indices and working with indices, Standard form

Unit 2 (Expressions and formulae):

Solving equations, Substituting, Rearrange the formula, Index law with brackets

Unit 3 (Dealing with data):

Collecting data, calculating averages, displaying and analysing data

Unit 4 (Ratio):

Ratio notation, simplifying, using ratio, problem solving with fractions and ratio

Unit 5 (Multiplicative reasoning):

Percentage change, Compound measure, Direct and Inverse proportion

Unit 6 (Constructions):

Using scales, Basic constructions, constructing triangles

Unit 7 (Sequences, inequalities, equations and proportion):

Nth rule, non-linear sequences, Inequalities

2 Papers- Non- Calculator: The exam will be 40 minutes.

Calculator: The exam will be 40 minutes.

You must answer all questions in the paper. You will need a black pen, pencil, ruler, protractor, compass and calculator for the exam.

Further detail and revision materials can be found here:

Maths Genie: <https://www.mathsgenie.co.uk/gcse.php>

Corbettmaths: [Edexcel Foundation Revision - Corbettmaths](#)

Sparx Maths: [Sparx Maths Login](#)