

MATHEMATICS – Year 9 entrance exam

As the candidates for this examination come from a wide variety of schools which are following different Mathematics courses, we do not expect them to be prepared to a specific syllabus.

Our papers are a general test in Mathematics and problem solving, covering a fairly wide range of topics which one would reasonably expect a 12-year-old to have met. These include:

Addition

Subtraction

Multiplication and division of whole numbers, fractions and decimals

And questions dealing with:

Simple percentages

Ratio and proportional reasoning

Number sequences (inc. n th term)

Use of indices

Simple algebraic expressions

Linear equations

Area and perimeter

Volume of prisms

Angle properties

Transformations

Symmetry

Classifying shapes

Simple probability

Averages

Graphs and charts (inc. pie charts)

Distance – speed - time

Candidates should bring the following equipment to the examination:

Pen

Pencil

Ruler

Rubber