

## 11+ ENTRANCE & SCHOLARSHIP EXAMINATION SYLLABUS

Entry to Alleyn's is primarily academically selective by examination and then interview. There are three stages to the 11+ process:

### Stage 1: ISEB Common Pre-test

The ISEB Common Pre-test is an online test that assesses potential and attainment in English, Mathematics and Verbal and Non-verbal Reasoning. It does not require any particular preparation and follows the National Curriculum to the end of Year 5. There is no link to the curriculums followed by independent schools. For further information and a familiarisation test, please see the ISEB website: <https://www.iseb.co.uk/Parents/Common-Pre-Tests>

### Stage 2: Entrance examinations in English and Mathematics

Candidates who reach a satisfactory standard in the ISEB Common Pre-test will be invited to visit Alleyn's in January to complete our own entrance examinations in English and Mathematics.

#### English (1 hour 10 mins)

It is essential that time is managed carefully and we suggest 10 minutes for reading and one hour for writing. Candidates are asked to write in pen/biro.

The examination consists of two sections:

- A. This consists of a prose passage, followed by comprehension questions. The questions test understanding, both of what has been read and the effects of the writer's use of language. This section is worth 60% of the marks.
- B. This consists of directed writing questions. Candidates may be asked to respond to written or visual stimulus to write a description or a section of narrative. Clarity, fluency and accuracy of written expression are the prime criteria for this section; imaginative flair will also be rewarded. This section is worth 40% of the marks.

#### Mathematics (1 hour)

Candidates should bring pen, pencil, ruler and eraser to the examination; calculators are not needed. The examination is largely set on the National Curriculum topics listed below.

The final questions on the paper are harder, extension questions and are self-explanatory.

#### Number and algebra

- Understand place value.
- Find factors and multiples of numbers.
- Using factor pairs.
- Recognise prime numbers and square numbers.
- Understand square and cube numbers.
- Order, add and subtract negative numbers.
- Use all four operations with decimals to two places.
- Reduce a fraction to its simplest form by cancelling.
- Compare and order fractions greater than 1
- Long division.
- Add, subtract and place fractions in order using common denominators.
- Add and subtract proper fractions and mixed numbers
- Multiply proper fractions and mixed numbers by whole numbers
- Understand and use order of operations.
- Solve simple problems involving ratio and direct proportion.
- Write percentages as fractions; fractions as decimals.
- Find simple percentages of whole numbers in context.
- Calculate fractions of shapes and quantities.
- Solve problems that involve multiplying and dividing any three-digit number by any two-digit number.
- Check solutions by applying inverse operations or estimate answers using approximations.
- Construct and use simple formulae.
- Use brackets appropriately.
- Use and interpret coordinates in all four quadrants.
- Convert metric units.
- Convert between miles and kilometres.
- Read scales, including analogue and digital clocks.
- Work with units of time (seconds, minutes, hours, days, weeks).
- Solve problems in context, e.g. money.
- Use letters to represent unknowns.



- Generate and describe linear sequences.

### **Shape, space and measures**

- Measure and draw angles to the nearest degree.
- Know the sum of angles in a triangle, sum of angles on a line and sum of angles at a point.
- Identify all the symmetries of 2D shapes.
- Plot points in all 4 quadrants.
- Make sensible estimates of a range of measures in relation to everyday situations.
- Solve simple problems involving speed, distance, time.
- Finding area/perimeter of compound shapes.

- Use formulae for area/volume of shapes.
- Calculate areas of triangles and parallelograms.
- Calculate the volume of 3D shapes.
- Names radius/diameter and know relationship.
- Reflection and translation of shapes.

### **Handling data**

- Interpret graphs and diagrams, including pie charts.
- Calculate and interpret the mean as an average.

Decimal Separators: The symbol used to separate the integer part of a decimal from its fractional part is called the decimal point. Candidates from overseas should be aware that in Britain the decimal point is denoted by a period (eg 31.241). In some countries the notation is different: for example, many European countries use a comma in place of the decimal point (e.g. 31,241). Candidates are expected to be aware of the British system for decimal points and should note that questions will be set in this style; however, the candidate's own answer may be written in the style that is familiar to them.

### **Stage 3: Group activity and one-to-one interview**

Candidates reaching an acceptable standard in the entrance examination are invited back to school to attend our interview day, which consists of two elements: candidates are assessed in small groups and in a one-to-one interview. Parents are not interviewed. Candidates will be asked about their interests in and out of school, and we will be seeking to identify those best suited to the education offered at Alleyn's. Parents will be advised if their child is under consideration for an academic scholarship at 11+ and these candidates will be invited for a longer interview. An invitation to an interview does not guarantee the subsequent offer of a place.

### **For further information**

Visit the school website [www.alleyns.org.uk](http://www.alleyns.org.uk) or contact the Registrar's office: telephone 020 8557 1478 or email [registrar@alleyns.org.uk](mailto:registrar@alleyns.org.uk)