

Maths

The maths test varies across areas and schools but will be assessed in some way as this is an integral part to the 11+ test. In some schools, this will take the form of a separate paper which can last from thirty minutes to one hour. Due to the level of variation in the maths test, it is important to visit individual schools' websites to find out more information about the tests that they sit.

The key skills needed for these tests are a strong knowledge of the four operations (addition, subtraction, multiplication and division) and the ability to work quickly and accurately. Your child will need a sound knowledge of the times tables and the ability to apply their mathematical skills to problem solving and reasoning.

The test should cover the concepts taught in the DfE Programme of Study for Primary maths. Therefore, you can expect questions on:

- **Number:** which includes place value; fractions, decimals and percentages; and the four basic operations (addition, subtraction, multiplication and division).
- **Algebra:** which includes equations and formulae
- **Geometry:** which will include shapes; length, weight and capacity; area; coordinates and nets.
- **Data handling:** including statistics and probability.

Maths skills may also be assessed as part of the verbal reasoning test which could include number sequencing, completing the calculation, find the missing number and finding related numbers.

The best way to prepare for this is to ensure that your child has a sound knowledge of the four operations and their times tables. Use a variety of revision techniques, such as online games, apps, reciting and signing to practise the times tables. Your child will also need to know the inverse operations for each of the times table. For example, the knowledge that $5 \times 7 = 35$ can be used for division (inverse) facts too such as $35 \div 7 = 5$ and $35 \div 5 = 7$. Short walks or car journeys are

Parent Guide

always a great opportunity to help brush up on times tables with some quickfire questions. In addition, use the Twinkl website to access resources for the four operations (addition, subtraction, multiplication and division).

An example question from the 11+ maths test is:

1. Multiply each of these numbers by 100. Write the answer below each number.

0.168

10.6

1.06

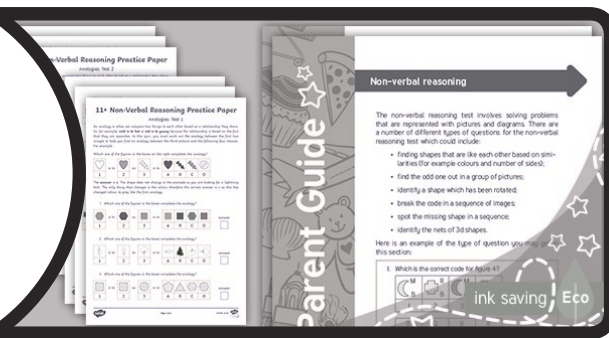
For a thorough guide to all aspects of the 11+ test, try our Survival Guide for Parents/Carers:

<https://www.twinkl.co.uk/resource/t2-pa-91-11-survival-guide-for-parents-carers-guide>

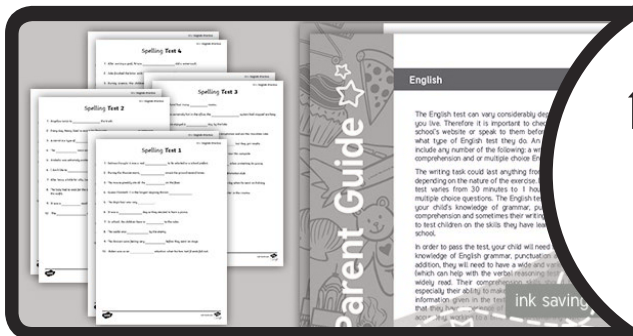


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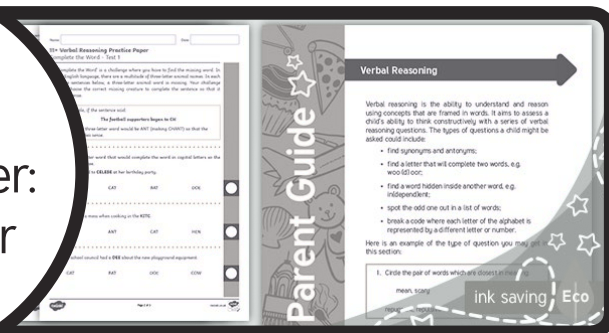
Non-Verbal Reasoning Analogies Assessment Pack



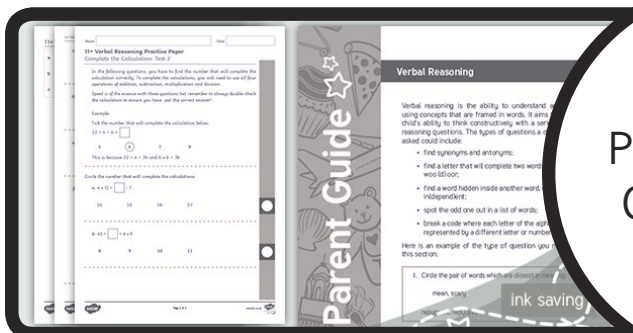
11+ Practice Spelling Pack



Verbal Reasoning Practice Paper: Three Letter Words 1



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