

SATs: Year 6

**Parents' Reasoning
Practice and
Revision Activity
Booklet**



Pack Contents

Information and guidance for parents

Year 6 SATs Reasoning Quiz 1: Number and Place Value

- Reading and Writing Numbers
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- Order and Compare Numbers
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Year 6 SATs Reasoning Quiz 2: Addition, Subtraction, Multiplication and Division

- Missing Number Questions
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Year 6 SATs Reasoning Quiz 3: Fractions, Decimals, Percentages, Ratio and Proportion

- Equivalent Fractions
- Ordering Fractions
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Year 6 SATs Reasoning Quiz 4: Algebra and Measurement

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Year 6 SATs Reasoning Quiz 5: Geometry (Shape and Position) and Statistics

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Information and Guidance for Parents

Welcome to the Twinkl SATs Revision and Practice Guide for Reasoning. This pack is intended to help you understand the KS2 Reasoning Test and to practise key reasoning questions similar to those that may come up in the tests.

The KS2 Reasoning Test

Children are asked to answer about 25 questions in forty minutes for each of the KS2 Reasoning Tests. The questions cover areas of the mathematics national curriculum (2014) that would be regarded as reasoning. The curriculum can be found at:

www.gov.uk/government/publications/national-curriculum-in-england-mathematics-programmes-of-study

The national curriculum is expected to be taught over the four years of Key Stage 2. Therefore the questions in the test are based on most of the objectives from the KS2 national curriculum (and not just what they learn in Year 6).

The questions are written in a variety of styles.

How to use this pack

This reasoning pack has broken down many of the statutory requirements of the KS2 national curriculum covered in the Reasoning Tests into five quizzes, each one consisting of a number of questions. Each quiz contains the answers and any relevant explanation of which national curriculum reasoning requirement is being tested.

- Use each quiz with your child during the weeks building up to the KS2 SATs tests.
- Together, mark the quiz using the answer sheet and identify any questions on the quiz your child struggled with. This may be an area they need further support with to learn that individual reasoning method or concept.
- If there are any reasoning questions your child struggles with, use the Twinkl website to find resources to support your child with that reasoning method or concept.