



YEAR 4 MATHEMATICS REVISION

The Test Paper Will Consist of:

Written Paper

(70 Minutes)

This is a test of mathematics skills and the understanding of topics covered over the year. The test progresses through a variety of levels and includes types of questions that will test not only the retention of concepts learned but the ability to apply them to a number of different contexts. Some of the questions will rely on mathematical understanding and the ability to work out problems.

Pupils will:

- look carefully at the marks on offer for each question and if they need to show their working out.
- write down calculations on any blank space on the written paper and the mental arithmetic paper.

Teachers will:

- give them two practice questions.
- remind them of how much time they have used as they progress.
- be available to read questions to them if needed.
- Pupils can write down calculations on any blank space on the written paper and the mental arithmetic paper.

Total 65 marks

Mental Arithmetic Paper

All pupils take the same mental arithmetic test. The questions are designed to assess mental recall and mental agility and could be based on any of the topics covered throughout the year. The test will be administered using a CD. Each question will be repeated twice and pupils are either given 5 or 10 seconds to write their response.

Total 20 marks

Equipment needed:

- Sharp pencils (at least two)
- A ruler marked in centimetres and millimetres
- A rubber

Topics:

Multiplication tables and their inverses, with instant recall.

Fractions of amounts.

Equivalent fractions.

Ordering fractions

Changing fractions to decimals and vice versa (tenths, quarters, half)

Tally charts and Frequency tables

Pictographs and Bar graphs

Direction

Place Value to 4-digit numbers

Length (including being able to convert measure eg. cm to m, cm to mm)

Weight (including being able to convert measure eg. kg to g)

Capacity (including being able to convert measure eg. l to ml)

Addition, subtraction, multiplication (column methods for all previous) and division.

Time (calendars, time to the hour, past the hour in one minute intervals, changing analogue to digital and vice versa)

2D and 3D shape

Area and Perimeter

Angles

Sorting diagrams (Carroll and Venn Diagrams)

References:

Websites – Mymaths, mathszone, bbcrevision, primary resources.