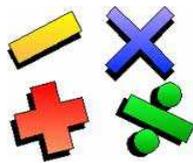




Gorse Hall Primary and Nursery School

Maths Targets

Year 5



*"Working together the
possibilities are endless..."*

The Maths Curriculum

Numeracy is now called Maths.

- Shape is called Geometry.
- Long division
- The four operations of fractions.
- Higher expectations for measuring shape.
- Algebra and linear sequences.

We assess the children against the "Age Related Expectations".

Children will now be assessed as working as:

Working Towards ARE

Working at ARE

Able to apply ARE independently

Maths is split into three main areas these are **Number, Measurement** and **geometry**.

This booklet aims to provide you with the information to show you what your child is expected to achieve in each of these three areas by the end of Year 5. It clearly shows the Learning Objectives we will be assessing against throughout the year.

We hope you find this information useful and as always please do not hesitate to contact us if you need further advice.

Year 5 Number Targets

- I can count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000.
- I recognise and use thousandths and relate them to tenths, hundredths and decimals equivalents.
- I can recognise mixed numbers and improper fractions and can convert from one to the other.
- I can read and write decimal numbers as fractions.
- I can recognise the % symbol and understand percent relates to a number of parts per hundred.
- I can write percentages as a fraction with denominator hundred and as a decimal fraction.
- I can compare and add fractions whose denominators are all multiples of the same number.
- I can multiply and divide numbers mentally drawing on known facts up to 12×12 .
- I can recognise and use square numbers and cube numbers; and can use the notation 2 and 3 .
- I can multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
- I can multiply numbers up to 4-digit by a 1 or 2-digit number using formal written methods, including long multiplication for a 2-digit number.
- I can divide numbers up to 4-digits by a 1-digit number.
- I can solve problems involving multiplication and division where large numbers are used by decomposing them into factors.
- I can solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and why.
- I can solve problems involving numbers up to 3dp.

Year 5 Measurement and geometry Targets

- I know that angles are measured in degrees.
- I can estimate and compare acute, obtuse and reflex angles.
- I can draw given angles and measure them in degrees.
- I can convert between different units of metric measures and estimate volume and capacity.
- I can measure and calculate the perimeter of composite rectilinear shapes in cm and m.
- I can calculate and compare the areas of squares and rectangles including using standards units (cm^2 and m^2).
- I can solve comparison, sum and difference problems using information presented in a line graph.

