



Deepdale Community Primary School

Spring term: Maths Year 6

Termly Number Non-negotiables

Within teaching there will be reasoning opportunities for children on a daily basis, allowing them to develop their skills in explaining and justifying their thinking

Non-negotiable: Learning from the autumn term will be consolidated and practised during 'Everyday Maths' sessions and within consolidation opportunities

Number – Decimals and percentages

The great majority of children will be able to:

Identify the value of each digit in numbers given to three decimal places and link to fractions

Multiply and divide whole numbers and decimals by 10, 100, 1000 giving answers up to 3 decimal places

Multiply one-digit numbers with up to two decimal places by whole numbers e.g. 2.43×4

Use related facts to multiply hundredths by a 1-digit number e.g. 0.03×7

Use partitioning to multiply a hundredth by a 1-digit number e.g. 0.67×4

Use partitioning to double numbers with up to 3 decimal places

Use related facts to divide numbers with up to two decimal places by whole numbers e.g. $6.93 \div 3$; $8.4 \div 12$

Use related facts to divide 2-digit numbers by tenths. E.g. $56 \div 0.8$

Use partitioning to half numbers with up to 3 decimal places

Calculate simple decimal fraction equivalents e.g. 0.375 as a fraction is $\frac{3}{8}$

Calculate the percentage of a whole number e.g. 45% of 600; 8% of 420

Recall and use equivalences between simple fractions, decimals and percentages

Solve problems involving the above

Number- Algebra

The great majority of children will be able to:

Write and use simple algebraic equations e.g. $a \times 4$ as $4a$

Substitute values into a formula to solve problems

Solve problems involving the above

Number- Ratio and proportion

The great majority of children will be able to:

Solve problems involving the size of two quantities where missing values can be found using multiplication and division facts