

Grindon Infant School Year 2 Mathematics Medium Term Planning 2024-2025 – SUMMER


Number – Calculation
Multiplication & Division
Pupils will be able to:

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs
- show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

Measure – Mass, Capacity, Temperature
Pupils will be able to:

- choose and use appropriate standard units to estimate and measure mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- compare and order mass, volume/capacity and record the results using $>$, $<$ and $=$

Geometry- Position & Direction
Pupils will be able to:

order and arrange combinations of mathematical objects in patterns and sequences

use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)

Week 1 02.06.25	Week 2 09.06.25	Week 3 16.06.25	Week 4 23.06.25	Week 5 30.06.25	Week 6 07.07.25	Week 7 14.07.25	Week 8 21.07.25
Pre learning assessment: Y1 Multiplication and division <ul style="list-style-type: none"> Recognise equal groups Make equal groups Introduce the multiplication symbol Multiplication sentences 	<ul style="list-style-type: none"> Use arrays Make equal groups (grouping) Make equal groups (sharing) 	<ul style="list-style-type: none"> 2 times table Divide by 2 	<ul style="list-style-type: none"> Doubling and halving Odd and Even numbers 10 times table Divide by 10 	<ul style="list-style-type: none"> 5 times table Divide by 5 5 and 10 times table Post learning assessment: Y2 Multiplication and division	Pre learning assessment: Y1 Mass and Capacity <ul style="list-style-type: none"> Compare mass Measure in grams Measure in kilograms 	<ul style="list-style-type: none"> Compare volume and capacity Measure in millilitres Measure in litres Post learning assessment: Y2 Mass and Capacity	Pre learning assessment: Y1 Position and Direction <p>Language of position Describe movement Describe turns</p> Post learning assessment: Y2 Position and Direction
Discrete Problem Solving Reasoning Fruity Pairs Working systematically Reasoning, convincing and proving	Board Games	Discrete Problem Solving Reasoning Sort the Street To explore To notice	Outdoor Fun Activity- Orienteering	Discrete Problem Solving Reasoning Tables Teaser Working systematically Being collaborative	Discrete Problem Solving Reasoning A city of Towers Working systematically Reasoning, convincing and proving	Board Games	Outdoor Fun Activity- Orienteering

