

## Maths



It is the intent of the curriculum to:

- create confident mathematicians grounded with number fluency and calculation skills
- create inquisitive problem solvers

Maths, as a core subject, will be taught daily. There a focus on assuring foundations for problem solving are in place, including place value, a secure understanding of number and fluency for and with calculations. At Tollgate Primary, we follow the White Rose curriculum but expect teachers to alter the pace of the sequence based on the learning of the children within their groups. This may vary from year group to year group in addition to individual cohorts. Teachers will use quick, non-threatening formative assessment (e.g., end of block assessments) to gauge their learning and adjust the pace accordingly. We expect all children to have an opportunity to work with concrete objects/manipulatives prior moving on to pictorial and abstract representations. Children will be provided daily opportunities to revisit past learning to ensure learning is secure and not forgotten.

Maths						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	Numbers 1 - 3 Circle and Triangle Height and Length	Numbers 1 - 3 Circle and Triangle Height and Length	Numbers 1 - 5 Full and Empty Compare height and length	Numbers 1 - 5 Full and Empty Compare height and length	Numbers of personal significance Representing numbers 1 - 5 Compare	Numbers of personal significance Representing numbers 1 - 5 Compare
<b>Reception</b>	Numbers 1 - 10 Read/write numbers to 5 2d shapes 1, 2, 5 pence Measurement	Numbers 1 - 10 Read/write numbers to 5 2d shapes 1, 2, 5 pence Measurement	Numbers 1 - 20 Subitise to 6 Read/write numbers to 10 2d and 3d shapes	Numbers 1 - 20 Subitise to 6 Read/write numbers to 10 2d and 3d shapes	Numbers 1 - 20 Number bonds to 5 and 10 Doubles up to 5 Doubling/halving Odd/even to 10	Numbers 1 - 20 Number bonds to 5 and 10 Doubles up to 5 Doubling/halving Odd/even to 10
<b>Year 1</b>	Place value within	Addition/	Place value within	Weight and volume	Multiplication	Place value within

	10 Addition/ subtraction within 10	subtraction within 10 Shape Place value within 20	50 Height and length	Multiplication Division	Division Fractions Position and direction	100 Money Time
<b>Year 2</b>	Place value within 100 Addition subtraction within 100	Addition/ subtraction within 100 Money Multiplication Division	Multiplication Division Statistics Fractions	Fractions Length and height Position and direction	Problem Solving Time	Capacity and measurement
<b>Year 3</b>	Place value within 1000 Addition Subtraction	Addition Subtraction Multiplication Division	Multiplication Division Money Statistics Length and perimeter	Fractions	Time Shape	Mass Capacity
<b>Year 4</b>	Number: Place Value, Addition and Subtraction	Measurement: Length & Perimeter, Number: Multiplication & Division	Number: Multiplication & Division, Measurement: Area, Number: Fractions	Number: Fractions, Number: Decimals, Consolidation	Number: Decimals, Measurement: Money, Time	Statistics, Geometry: Properties of shape, Position and Direction

**Lesson Structure:**

Flashback (review)

Vocabulary

Explain

Model

Practise

Challenge

*Firm Foundations, Broad Horizons, Transforming the community together*

kindness | happiness | resilience | independence | motivation | respect