

# Woodhouse Primary School



## Coverage of Maths National Curriculum objectives

**Rationale:** At Woodhouse Primary School we encourage our pupils to be confident, resilient mathematicians with a love of learning and no fear of ‘grappling’ with difficult concepts and those expressed in an unfamiliar way. In our school, children are scaffolded, extended and supported through rapid teacher intervention, use of equipment and choice of strategies e.g. jottings/mental/resources. As such teaching is both enabling and extending.

### Year group: Year 3

Place value	1. Count from 0 in multiples of 4, 8, 50 and 100
	2. Find 10 or 100 more or less than a given number
	3. Recognise the place value of each digit in a 3 digit number (H, T, U/O); compare/order numbers to 1000
	4. Identify, represent and estimate numbers using different representations
	5. Read and write numbers up to 1000 in numerals and in words.
Add/Sub	6. Add and subtract numbers mentally including: HTU + U, HTU + T, HTU + H
	7. Add and subtract numbers with up to 3 digits using formal written methods of column add/subt
	8. Estimate the answer to a calculation and use the inverse to check answers
Mult/Div	9. Recall and use mult/div facts for the 3, 4 and 8 times tables
	10. Write and calculate mathematical statements for multiplication and division using the times tables that they know (including for TU x U) using mental and progressing to formal written methods
	11. Solve problem, including missing number problems, involving multiplication and division including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Fractions	12. Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts
	13. Recognise, find and write fractions of a discrete set of objects
	14. Recognise and show (using diagrams) equivalent fractions with small denominators
	15. Add and subtract fractions with the same denominator within one whole
	16. Compare and order unit fractions and fractions with the same denominators
Measure	17. Measure, compare, add and subtraction: lengths, mass, volume/capacity
	18. Measure the perimeter of simple 2D shapes
	19. Add and subtract amounts of money to give change using both £ and p
	20. Tell and write the time from an analogue clock (inc Roman numerals) and 12 hour and 24 hour clocks
	21. Estimate and read time with increasing accuracy to the nearest minute
	22. Record and compare time (seconds, minutes and hours); use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight; compare duration of events

Geometry	23. Draw 2D shapes
	24. Make 3D shapes using modelling materials; recognise them in different orientations; describe them
	25. Recognise angles as a property of shape or a description of a turn
	26. Identify right angles (linked to turns); identify whether angles are greater than or less than a right angle
	27. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Stats	28. Interpret and present data using bar charts, pictograms and tables
	29. Solve 1 step and 2 step questions using information presented in scaled bar charts, pictograms, tables