

Woodhouse Primary School

Coverage of Maths National Curriculum objectives 2021-2022



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 2		Sc = Science PE = Physical Education T = Topic	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2	Notes
Place Value	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward								
	Recognise the place value of each digit in a two-digit number (tens, ones)					FB4			
	Identify, represent and estimate numbers using different representations, inc. the number line					FB4			
	Compare and order numbers from 0 up to 100; use <, > and = signs					FB4			Recapped in mult/div/frac
	Read and write numbers to at least 100 in numerals and in words								
Add/Sub	Solve add/sub probs: (concrete obs & pict reps); apply knowledge of mental and written methods								Recapped in Sum 2 with a focus on efficient strategies e.g. adding 9/11, bridging
	Represent and use number bonds and related subtraction facts within 20								
	Recall and use add and subtract facts to 20 fluently, and derive and use related facts up to 100					Fluency			
	Add/sub nos including: a 2-digit no and 1s or 10s; two 2-digit numbers; adding three 1-digit numbers					3 one digit numbers			
	Show that add of 2 nos can be done in any order (commutative) and sub of 1 no from another cannot								
Mult /Div	Solve one step problems involving add/sub and missing number problems								
	Rec/use inverse relationship between add/sub; use this to check calcs and missing no problems								
	Recall/use mult/div facts for the 2, 5 and 10 x tables, including recognising odd and even numbers					FB4			
	Calc maths statements for mult/div within the mult tables; write them using the (x), (÷), (=) signs					FB4			
	Show that mult of 2 nos can be done in any order and division of 1 no by another cannot					FB4			
Frac	Solve mult/div probs using materials, repeated add, mental methods and mult/div facts								
	Rec/find/name/write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ of a length, shape, set of objects or quantity								
Measure	Write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$								
	Choose/use stand units to est/measure m/cm, kg/g, °C, l/ml, to nearest unit, using rulers, scales etc								Used to recap M/A/S/F
	Compare, describe and solve practical problems for length/height, mass/weight, capacity, time								
	Measure and begin to record length/height, mass/weight, capacity, time								
	Compare and order lengths, mass, volume/capacity and record the results using >, < and =								
	Recognise and know the value of different denominations of coins/notes								
	Rec/use symbols for pounds (£) and pence (p); combine amounts to make a particular value					FB4			
Solve simple probs (practical context) involving add/sub of money (same unit), inc giving change									
Geomet ry	Recognise and use language relating to dates including days of the week, weeks, months and years								
	Compare and sequence intervals of time								
	Tell the time to the hour and half past the hour and draw hands on clock faces to show these times								
Geomet ry	Tell/write the time to 5 min, inc $\frac{1}{4}$ past/to and draw hands on a clock face to show these times		Y1			FB4			
	Recognise and name common 2D shapes			Y1	Y2				
	Identify/describe the properties of 2D shapes, inc the no of sides and symmetry in a vertical line			Y1	Y2	Fl	Fl		
Geomet ry	Recognise and name common 3D shapes			Y1	Y2				
	Identify/describe the properties of 3D shapes, including the number of edges, vertices and faces			Y1	Y2	Fl	Fl		

