

Hemswell Ciff Primary School Mastery Maths Medium Term Plan - Year 3 and Year 4

'Effective mastery curricula in mathematics are designed in relatively small carefully sequenced steps, which must each be mastered before pupils move to the next stage. Fundamental skills and knowledge are secured first. This often entails focusing on curriculum content in considerable depth at early stages.' (NCETM, 2014)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn YEAR 3	(3 days) Number: Place value (To 100)	Number: Place value (to 1000)	Number: Place value (to 1000)	Number: Place value (to 1000)	Number: Addition / subtraction (1s, 10s, 100s)	Number: Addition / subtraction (across 1s, 10s, 100s)	Number: Addition / subtraction	(4 days) Number: Addition / Subtraction	Number: Addition / Subtraction	Number: Multiplicatio n & division (2s, 5s, 10s)	Number: Multiplicatio n & division (2s, 5s, 10s)	Number: Multiplicatio n & division (8s)	Consolidatio n	Consolidatio n
YEAR 4	Number: Place value (To 1,000)	Number: Place value (to 10,000)	Number: Place value (to 10,000)	Number: Place value (inc Roman numerals & rounding)	Number: Addition /subtraction (add up to 2 4-digit nos)	Number: Addition /subtraction (subtract up to 2 4-digit nos)	Number: Addition /subtraction (inc estimating & efficiency)	Measureme nt Area	Number: Multiplicatio n & division (3s, 6s, 9s)	Number: Multiplicatio n & division (7s, 11s, 12s)	Number: Multiplicatio n & division	Consolidatio n	(Flexible week for test week)	
Spring YEAR 3	Number: Multiplicatio n (related facts & reasoning)	Number: Multiplicatio n & Division (multiply 2 digit by 1 digit)	Number: Multiplicatio n & Division (divide 2 digit by 1 digit)	Measureme nt: Length (m, cm & mm)	Measureme nt: Length (equivalents)	Measureme nt: Perimeter	Number: Fractions (unit /non- unit)	Number: Fractions (on a numberline)	Number: Fractions (consolidatio n)	Measureme nt: Mass (kg & g)	Measureme nt: Mass and capacity (kg, g, l, ml)	Measureme nt: Mass and capacity (kg, g, l, ml)		
YEAR 4	Number: Multiplicatio n (factor pairs, multiply by 10, 100)	Number: Multiplicatio n & Division (divide by 10, 100)	Number: Multiplicatio n and division (2 and 3 digit by a 1 digit)	Measureme nt: Length (km & m)	Measureme nt: Perimeter	Number: Fractions (whole, mixed numbers)	Number: Fractions (mixed, improper)	Number: Fractions (equivalent, add)	Number: Fractions (subtract fractions)	Number: Decimals (tenths)	Number: Decimals (divide by 10)	Number: Fractions & decimals (hundredths, divide by 100)		
Summer YEAR 3	(4 days) Number: Fractions (add & subtract)	Number: Fractions (inc of an amount)	(4 days) Measureme nt: Money	Measureme nt: Money	Measureme nt: Time	Measureme nt: Time	Measureme nt: Time	Geometry: Shape (angles)	Geometry: Shape (2D & 3D)	Statistics	Statistics	Consolidatio n		
YEAR 4	Number: Decimals	Number: Decimals	Measureme nt: Money	Measureme nt: Money	Measureme nt: Time	Consolidatio n	Geometry: Shape (angles, triangles, squares, polygons,)	Geometry: Shape (symmetry)	Statistics	Geometry: Position & direction	Consolidatio n	(Flexible week for test week)		

Autumn 1 = 7 weeks, Autumn 2 = 8 weeks, Spring 1 = 6 weeks, Spring 2 = 6 weeks, Summer 1 = 5 weeks, Summer 2 = 7 weeks

