Medium Term Plan 2020/21 Subject: Maths Term: Autumn 1 Topic from LTP: Numbers, Place Value and the

Number System Lessons per week: 4 & 2 Group(s): Wood, Weir, Rowsell, Johnson

How this scheme of work links to school vision and values (wellbeing, independence, communication, achievement):

	Topic	Learning Objectives	Tasks	Assessed LO
W1	Numbers, Place Value and Number System	EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity. EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres. EL3 – To be able to use and compare measures of length, capacity, weight and temperature (using metric or imperial units to the nearest labelled or unlabelled division.) Compare metric measures of length, including millimetres, centimetres, metres and kilometres. To be able to use a suitable instrument to measure mass and length.	 Baseline assessment covering the different topic areas Explore non-standard and standard measuring Explore the use of non-standard measurements to measure different things (height, length and width) Explore imperial and metric measures and compare them - add to the display 	
		Level 1 – To be able to convert between units of length, weight,		

		capacity, money and time, in the same system.	
		Level 2 + - To be able to convert between metric and imperial units of length, weight and capacity using a) a conversion factor and b) a conversion graph.	
W2	Numbers, Place Value and Number System	EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity. EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres. EL3 – To be able to use and compare measures of length, capacity, weight and temperature (using metric or imperial units to the nearest labelled or unlabelled division.) Compare metric measures of length, including millimetres, centimetres, metres and kilometres. To be able to use a suitable instrument to measure mass and length. Level 1 – To be able to convert between units of length, weight,	Focus on length/height/width Clicker board on length, height, size and width. Garden scavenger hunt on measuring (differentiated worksheets) (ruler, trundle wheel, metre stick, measuring tape) Measurement tag in small groups Measurement tag in small groups Practice exam questions

Numbers, Place Value and Number System Measure W3 Same system. Level 2 + - To be able to corbetween metric and imperior of length, weight and capacian and a conversion graph. EL1 - To be able to describe make comparisons in word between measures of items including size, length, width weight and capacity. EL2 - To be able to use met measures of length, including millimetres, centimetres, mand kilometres. EL3 - To be able to use and measures of length, capacitand temperature (using meimperial units to the neares or unlabelled division.) Compare metric measures or including millimetres, centimetres and kilometres. To be able to use a suitable instrument to measure masslength. Level 1 - To be able to converted to the conv	using a Focus on weight tres Focus on weight Cicker board weight Explore the difference between mass and weight Students to make a fruit salad, weighing out the right ingredients, to make the fruit salad ic or labelled Flength, netres, and rt
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		capacity, money and time, in the same system. Level 2 + - To be able to convert between metric and imperial units of length, weight and capacity using a) a conversion factor and b) a conversion graph.	
W4	Numbers, Place Value and Number System Measure	(Consolidation of basic areas of measurement throughout all classes) EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity. EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres. EL3 – To be able to use and compare measures of length, capacity, weight and temperature (using metric or imperial units to the nearest labelled or unlabelled division.) Compare metric measures of length, including millimetres, centimetres, metres and kilometres. To be able to use a suitable instrument to measure mass and length.	Focus on capacity Compare capacity across different containers – explore how one container may have more seem like it has more water when it doesn't Container A Container of Container o

	Level 1 – To be able to convert between units of length, weight, capacity, money and time, in the same system. Level 2 + - To be able to convert between metric and imperial units of length, weight and capacity using a) a conversion factor and b) a conversion graph.	The state of the s
W5 Number Place V and Nu System Measure	kilograms. To be able to use measures of capacity, including millilitres and	LA to focus on any areas of issue, rather than circumference Focus on circumference • Use string to measure the circumference of different objects e.g. the length of the yarn relates to the circumference

weight, including grams and kilograms.	HA students can look at the apple cut in half and calculate the diameter, which they can use to calculate the circumference
To be able to compare measures of capacity, including millilitres and litres. To be able to use a suitable instrument to measure mass and length.	Revisit metric vs. Imperial measures and comparisons
Level 1 – To be able to convert between units of length, weight , capacity , money and time, in the same system.	
Level 2 + – To be able to convert between metric and imperial units of length, weight and capacity using a) a conversion factor and b) a conversion graph.	

Trips which accompany this topic: