



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

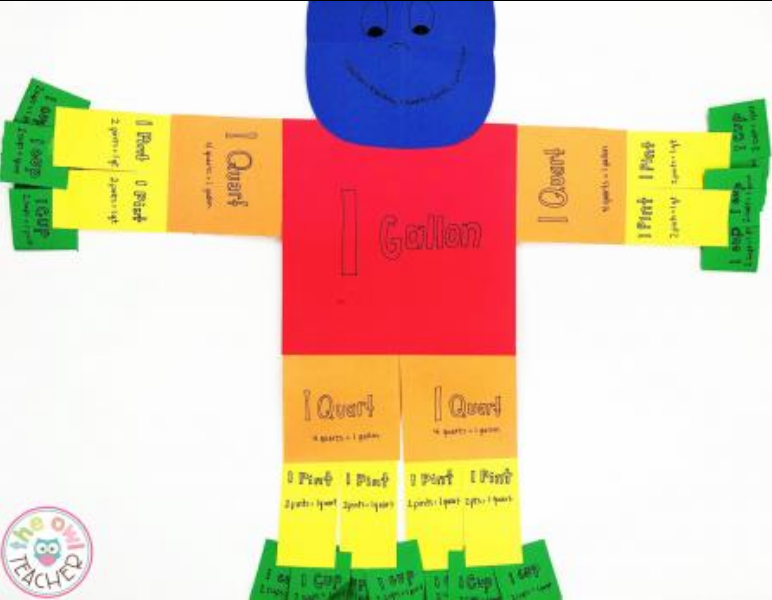

How this scheme of work links to school vision and values (wellbeing, independence, communication, achievement):

	Topic	Learning Objectives	Tasks	Assessed LO
W1	Numbers, Place Value and Number System	<p>EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity.</p> <p>EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres.</p> <p>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.</p> <p>Level 1 – To be able to convert between units of length, weight,</p>	<ul style="list-style-type: none"> • Baseline assessment covering the different topic areas <ul style="list-style-type: none"> • 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 	

		<p>capacity, money and time, in the same system.</p> <p>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.</p>		
<p>W2</p>	<p>Numbers, Place Value and Number System</p>	<p>EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity.</p> <p>EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres.</p> <p>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.</p> <p>Level 1 – To be able to convert between units of length, weight,</p>	<p><u>Focus on length/height/width</u></p> <ul style="list-style-type: none"> • 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  <ul style="list-style-type: none"> • Practice exam questions 	

		<p>capacity, money and time, in the same system.</p> <p>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.</p>		
W3	<p>Numbers, Place Value and Number System</p> <p>Measure</p>	<p>EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity.</p> <p>EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres.</p> <p>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.</p> <p>Level 1 – To be able to convert between units of length, weight,</p>	<p style="text-align: center;"><u>Focus on weight</u></p> <ul style="list-style-type: none"> • Clicker 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 <ul style="list-style-type: none"> • Practice exam questions 	

		<p>capacity, money and time, in the same system.</p> <p>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.</p>		
<p>W4</p>	<p>Numbers, Place Value and Number System</p> <p>Measure</p>	<p>(Consolidation of basic areas of measurement throughout all classes)</p> <p>EL1 – To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity.</p> <p>EL2 – To be able to use metric measures of length, including millimetres, centimetres, metres and kilometres.</p> <p>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.</p>	<p style="text-align: center;"><u>Focus on capacity</u></p> <ul style="list-style-type: none"> Compare capacity across different containers – explore how one container may have more seem like it has more water when it doesn't  <ul style="list-style-type: none"> Practice exam questions 	

		<p>Level 1 – To be able to convert between units of length, weight, capacity, money and time, in the same system.</p> <p>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.</p>		
<p>W5</p>	<p>Numbers, Place Value and Number System</p> <p>Measure</p>	<p>EL1 - To be able to describe and make comparisons in words between measures of items including size, length, width, height, weight and capacity.</p> <p>EL2 - To be able use measures of weight, including grams and kilograms. To be able to use measures of capacity, including millilitres and litres.</p> <p>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.) To be able to compare measures of</p>	<p>LA to focus on any areas of issue, rather than circumference <u>Focus on circumference</u></p> <ul style="list-style-type: none"> Use string to measure the circumference of different objects e.g. the length of the yarn relates to the circumference 	

		<p>weight, including grams and kilograms. 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.</p> <p>Level 1 – To be able to convert between units of length, weight, capacity, money and time, in the same system.</p> <p>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.</p>	<ul style="list-style-type: none"> • HA students can look at the apple cut in half and calculate the diameter, which they can use to calculate the circumference • Revisit metric vs. Imperial measures and comparisons 	
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Trips which accompany this topic: