

Purston Infant School – Progression in Mathematics

Measurement

DESCRIBE, COMPARE AND SOLVE (ALL STRANDS)	Three and Four-Year Olds	Reception	ELG	Area	Year 1	Year 2
	<ul style="list-style-type: none"> Make comparison between objects relating to size, length, weight and capacity 	<ul style="list-style-type: none"> Compare length, weight and capacity 		COMPARING AND ESTIMATING	<ul style="list-style-type: none"> Compare, describe and solve practical problems for: Lengths and heights (e.g. long/ short, longer/ shorter, tall/ short, double/ half) Mass/weight (e.g. heavy/light, heavier than/lighter than) Capacity and volume (e.g. full/empty, more than, less than, half full, quarter) Time (e.g. quicker, slower, earlier, later) 	<ul style="list-style-type: none"> Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$
					<ul style="list-style-type: none"> Sequence events in chronological order using language (e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) 	<ul style="list-style-type: none"> Compare and sequence intervals of time
				MEASURING AND CALCULATING	<ul style="list-style-type: none"> Measure and begin to record the following: Lengths and heights Mass/weight Capacity and volume Time (hours, minutes, seconds) 	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels

					<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes 	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
						<ul style="list-style-type: none"> Find different combinations of coins that equal the same amounts of money
						<ul style="list-style-type: none"> Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
TELLING THE TIME	<ul style="list-style-type: none"> Begin to describe a sequence of events, real or fictional, using words, such as 'first', 'then...' 			TELLING THE TIME	<ul style="list-style-type: none"> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times 	<ul style="list-style-type: none"> Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
					<ul style="list-style-type: none"> Recognise and use language relating to dates, including days of the week, weeks, months and years 	<ul style="list-style-type: none"> Know the number of minutes in a n hour and the number of hours in a day (appears also in converting)
				CONVERTING	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Know the number of minutes in an hour and the number of hours in a day. (also appears in Telling the Time)