



Thomas Russell Infants' School
Measurement Progression Document

Key of Text Colours

EVFS Development Matters (DM) & NC Objectives

NC Objective appears elsewhere within the same topic progression document

NC Objective also appears in another topic progression document

Nursery 3-4 year olds	Reception	Early Learning Goals	Year 1	Year 2	Year 3
COMPARING AND ESTIMATING					
<p>Compare quantities using language such as 'more than' and 'fewer than'</p> <p>Make comparisons between objects relating to size, length, weight and capacity</p>	<p>Compare length, weight and capacity</p>	<p>There is no ELG related to SSM</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> • lengths and heights (eg long/short, longer/shorter, tall/short, double/half) • mass/weight (eg heavy/light, heavier than, lighter than) • capacity and volume (eg full/empty, more than, less than, half, half full, quarter) • time (eg quicker, slower, earlier, later) 	<p>Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$</p>	



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			Sequence events in chronological order using language (eg before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening)	Compare and sequence intervals of time	Compare durations of events, for example to calculate the time taken by particular events or tasks
					Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as am/pm, morning, afternoon, noon and midnight (Objective also shown in Telling the Time)



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MEASURING AND CALCULATING					
		There is no ELG related to SSM	Measure and begin to record the following: <ul style="list-style-type: none"> lengths and heights mass/weight capacity and volume time (hours, minutes, seconds) 	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	Measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
					Measure the perimeter of simple 2D shapes
			Recognise and know the value of different denominations of coins and notes	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	Add and subtract amounts of money to give change, using both £ and p in practical contexts



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				Find different combinations of coins that equal the same amounts of money	
				Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	
TELLING THE TIME					
Begin to describe a sequence of events using words such as 'first', 'then'		There is no ELG related to SSM	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times	Tell and write the time of five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks



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			Recognise and use language relating to dates, including days of the week, weeks, months and years	Know the number of minutes in an hour and the number of hours in a day (Objective also shown in Converting)	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as am/pm, morning, afternoon, noon and midnight (Objective also shown in Comparing and Estimating)
CONVERTING					
				Know the number of minutes in an hour and the number of hours in a day (Objective also shown in Telling the Time)	Know the number of seconds in a minute and the number of days in each month, year and leap year