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Progression statements taken from NCETM Progression Maps for KS1 and KS2 EYFS statements taken from EYFS Development Matters. Statements in red taken from NCETM EYFS Progression charts.										
EYFS 30-50 mths	EYFS 40-60 m		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
COMPARING AND ESTIMATING										
Recognise attributes of length/ weight/ height etc.e.g. stating "that stick is long", "adults are tall". Comparing amounts of continuous quantities e.g. find something longer/ shorter than a given reference item. Show awareness of comparison in estima- tion and predictions eg which box should Teddy have?, What will fit in here?	Orders two or items by length height Orders two ite weight or capa Orders and sec familiar events Recognising th relationship be the size and nu of units: eg ho tennis balls wil this tub? What used ping-pony ELG: Children to everyday lang talk about size weight, capaci position, dista time and mony compare quan and objects an solve problem	h or ms by acity quences c' e etween umber w many Il fit in t if I g balls? use uage to e, nce, ey to atities ad to	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, half full, quarter] time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]	compare and order lengths, mass, volume/ capacity and record the results using >, < and = 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 a.m./p.m., morning, afternoon, noon and midnight (Appears also in Telling the Time)	estimate, compare and calculate different measures, including money in pounds and pence (Also included in Measur- ing)	calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm <sup>2</sup> ) and square metres (m <sup>2</sup> ) and estimate the area of irregular shapes (Also included in Measur- ing) estimate volume (e.g. using 1 cm <sup>3</sup> blocks to build cubes and cuboids) and capacity (e.g. using water)	calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm <sup>3</sup> ) and cubic metres (m <sup>3</sup> ), and extending to other units such as mm <sup>3</sup> and km <sup>3</sup>		



EYFS 30-50 mths	EYFS 40-60 mths	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
	MEASURING AND CALCULATING									
	Beginning to use everyday language related to money Begin to use units to compare things.	measure and begin to record the following: lengths and heights mass/weight capacity and volume time (hours, minutes, seconds)	choose and use appropriate standard units to estimate and measure <b>length/height</b> in any direction (m/cm); <b>mass</b> (kg/g); <b>temperature</b> (°C); <b>capacity</b> (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	measure, compare, add and subtract: <b>lengths</b> (m/ cm/mm); <b>mass</b> (kg/g); <b>volume/capacity</b> (l/ml)	estimate, compare and calculate different measures, including money in pounds and pence (Appears also in Comparing)	use all four operations to solve problems involving measure (e.g. <b>length</b> , <b>mass, volume, money</b> ) using decimal notation including scaling.	solve problems involving the calculation and conversion of <b>units of</b> <b>measure</b> , using decimal notation up to three decimal places where appropriate (Appears also in Converting)			
	ELG: Children use everyday language to talk about size, weight, capacity, position,			measure the <b>perimeter</b> of simple 2-D shapes	measure and calculate the <b>perimeter</b> of a rectilinear figure (including squares) in centimetres and metres	measure and calculate the <b>perimeter</b> of composite rectilinear shapes in centimetres and metres	recognise that shapes with the same areas can have different <b>perimeters</b> and vice versa			
	capacity, position, distance, time and money to compare quantities and objects and to solve problems.	recognise and know the value of different denominations of <b>coins</b> <b>and notes</b>	recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value 	add and subtract amounts of <b>money</b> to give change, using both £ and p in practical contexts						



EYFS 30-50 mths	EYFS 40-60 mths	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
	MEASURING AND CALCULATING (cont)								
					find the area of rectilinear shapes by counting squares	calculate and compare the area of squares and rec- tangles including using standard units, square centimetres (cm <sup>2</sup> ) and square metres (m <sup>2</sup> ) and estimate the area of irreg- ular shapes recognise and use square numbers and cube num- bers, and the notation for squared ( <sup>2</sup> ) and cubed ( <sup>3</sup> ) (copied from Multiplica- tion and Division)	Calculate the area of par- allelograms and triangles 		



# Progression in Maths: Measurement

EYFS 30-50 mths	EYFS 40-60 mths	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6				
	TELLING THE TIME										
Uses positional language Begin to use time to sequence events - using language of before, after, next, tomorrow etc	Uses everyday language related to time Measures short periods of time in simple ways. Begin to experi- ence specific time durations e.g. what can they do in 1 minute? ELG: Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quanti- ties and objects and to solve prob- lems.	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 to 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	read, write and convert time between analogue and digital 12 and 24-hour clocks (Appears also in Converting)						
		recognise and use language relating to dates, including days of the week, weeks, months and years	the number of hours in a	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 a.m./p.m., morning, afternoon, noon and midnight (Appears also in Comparing and Estimating)							
					solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (Appears also in Converting)	solve problems involving converting between units of time					



EYFS 30-50 mths	EYFS 40-60 mths	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
CONVERTING									
			know the number of minutes in an hour and the number of hours in a day. (appears also in Telling the Time)	know the number of seconds in a minute and the number of days in each month, year and leap year	convert between different units of measure (e.g. kilometre to metre; hour to minute)	convert between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)	use, read, write and convert between standard units, converting measure- ments of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places		
					read, write and convert time between analogue and digital 12 and 24-hour clocks (Appears also in Telling the Time)	solve problems involving converting between units of time	solve problems involving the calcula- tion and conversion of units of measure, using decimal notation up to three decimal places where appropriate (Appears also in Measuring and Calculating)		
					solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (Appears also in Telling the Time)	understand and use equivalences between metric units and common imperial units such as inches, pounds and pints	convert between miles and kilometres		