

COMPARING AND ESTIMATING								
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
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]	compare and order lengths, mass, volume/capacity and record the results using >, < and =		estimate, compare and calculate different measures, including money in pounds and pence (also included in Measuring)	calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes (also included in measuring) estimate volume (e.g. using 1 cm³ 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 (cm³) and cubic metres (m³), and extending to other units such as mm³ and km³.			
sequence events in chronological order using language [e.g. 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						











	accurac and cor minutes vocabu afterno	e and read time with incready to the nearest minute; recompare time in terms of seconds, hours and o'clock; use lary such as a.m./p.m., morron, noon and midnight (appointing the Time)	cord nds, ning,		
		MEASURING and CA	ALCULATING		
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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 length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (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> (I/mI)	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. length, mass, volume, money) using decimal notation including scaling.	solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate (appears also in Converting)
		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 perimeter of composite rectilinear shapes in centimetres and metres	recognise that shapes with the same areas can have different <b>perimeters</b> and vice versa











	MEASURING and CALCULATING									
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6					
recognise and know the value of different	recognise and use symbols for pounds <b>(£) and pence (p)</b> ; combine amounts to make a particular value	add and subtract amounts of <b>money</b> to give change, using both £ and p								
denominations of coins and notes	find different combinations of coins that equal the same amounts of money	in practical contexts								
	solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change									











				_	calculate and co area of squares including using s square centimet square metres (in estimate the area shapes  recognise and use numbers and cube the notation for so cubed (3) (copied from Multiplivision)	and rectangles standard units, tres (cm²) and m²) and ea of irregular e square e numbers, and quared (²) and	calculate, e volume of c standard ur centimetres (m³), and er mm³ and kr	stimate and compare cubes and cuboids using nits, including cubic s (cm³) and cubic metres ktending to other units [e.g.
			TELLING '	THE TIME				
Year 1	Year 2	Year 3		,	Year 4	Year	5	Year 6
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 till from an analogue concluding using Rom numerals from I to 2 12-hour and 24-hour clocks	lock, nan XII, and	time between and digital clocks	and convert een analogue 12 and 24-hour o in Converting)			
recognise and use language relating to dates, including days of the	know the number of minutes in an hour and	estimate and read time with increasing accuracy to the nea	_					











week, weeks, months and	the number of hours in a	minute; record and			
years	day.	compare time in terms of			
	(appears also in Converting)	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	solve problems involving	
			converting from hours to	converting between units	
			minutes; minutes to	of time	
			seconds; years to months;		
			weeks to days		
			(appears also in Converting)		











	CONVERTING								
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6				
	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 millimetre; centimetre and millimetre; gram and kilogram; litre and millilitre)	use, read, write and convert between standard units, converting measurements 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 Converting)	solve problems involving converting between units of time	solve problems involving the calculation 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	understand and use equivalences between metric units and common imperial units such as inches, pounds and pints	convert between miles and kilometres				











	(appears also in Telling the	
	Time)	







