COMPARING AND ESTIMATING							
Foundation Stage 1	Foundation Stage 2	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] Sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,	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 Measuring)	Calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes (also included in measuring) Estimate volume (e.g. using 1 cm^3 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^3) and cubic metres (m^3), and extending to other units such as mm^3 and km^3.

		afternoon and evening]					
			MEASURING AND CALCULATING				
Begin to use words to describe weight

Begin to use words to describe capacity

Order 2 items by height or length | Order 2 items by weight

Order 2 items by capacity

Order 2 or 3 items by length or height | Measure and begin to record the following:
* lengths and heights
* mass/weight
* capacity and volume
* time (hours, minutes, seconds)

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

Find different combinations of coins that equal the same amounts of money

Solve simple problems in a practical context involving addition | 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: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

Measure the perimeter of simple 2-D shapes

Add and subtract amounts of money to give change, using both £ and p in practical contexts | Estimate, compare and calculate different measures, including money in pounds and pence (Comparing)

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

Find the area of rectilinear shapes by counting squares | Use all four operations to solve problems involving measure (e.g. length, mass, volume, money) using decimal notation including scaling.

Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres

Calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes | Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate (Converting)

Recognise that shapes with the same areas can have different perimeters and vice versa

Calculate the area of parallelograms and triangles

Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [e.g. |

		and subtraction of money of the same unit, including giving change					mm^3 and km^3]. Recognise when it is possible to use formulae for area and volume of shapes
TELLING THE TIME							

TELLING THE TIME

	Use everyday language related to time Order and sequence familiar events Measure short periods of time in simple ways	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. Recognise and use language relating to dates, including days of the week, weeks, months and years	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. Know the number of minutes in an hour and the number of hours in a day. (appears also in Converting)	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks 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	Read, write and convert time between analogue and digital 12 and 24-hour clocks (Converting) Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (Converting)	Solve problems involving converting between units of time	

CONVERTING

			Know the number of minutes in an	Know the number of seconds in a	Convert between different units of measure (e.g.	Convert between different units of metric measure	Use, read, write and convert between

			hour and the number of hours in a day. (appears also in Telling the Time)	minute and the number of days in each month, year and leap year	kilometre to metre; hour to minute) Read, write and convert time between analogue and digital 12 and 24-hour clocks (appears also in Converting) solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (appears also in Telling the Time)	(e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) Solve problems involving converting between units of time understand and use equivalences between metric units and common imperial units such as inches, pounds and pints	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 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) Convert between miles and kilometres