

Measure					
		Using Measure	Money	Time	Perimeter, Area, Volume
Development Matters	0 – 3	Compare sizes, weights etc. using gesture and language - 'bigger/little/smaller', 'high/low', 'tall', 'heavy'.			
	3 – 4	Make comparisons between objects relating to size, length, weight and capacity.		Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'	
	FS2	Compare length, weight and capacity.			
White Rose	Y1	Compare, describe and solve practical problems for: length and height, mass and weight, capacity and volume and time.	Recognise and know different denominations of coins and notes.	Sequence events in chronological order using language such as before and next. Use language relating to dates. Tell the time to the hour and half past the hour by drawing hands on a clock.	
	Y2	Choose and use appropriate standard units to estimate and measure. Use rulers, scales and vessels accurately. Compare and order length, mass and volume	Recognise and use the symbols for pounds and pence. Find different combinations of coins to equal a set amount. Solve simple problems in a practical context.	Compare and sequence intervals of time. Tell and write the time in 5-minute intervals. Know the number of minutes in an hour and the number of hours in a day.	

<b>Y3</b>	Measure, compare and calculate lengths (m/cm/mm), mass (kg,g) and volume and capacity (l/ml).	Add and subtract amounts of money to give change.	Tell and write the time from an analogue clock including ones with Roman numerals. Estimate and read time with increasing accuracy to the nearest minute. Use vocabulary to describe am and pm. Know the number of seconds in a minute and days in each month. Compare durations of events.	Measure the perimeter of a simple 2D shape
<b>Y4</b>	Convert between units of measure. Estimate, compare and calculate different measures.	Estimate, compare and calculate different measures.	Read, write and convert time between analogue and digital 12 and 24hr clocks. Solve problems involving converting from hours to minutes; minutes to hours; years to months and weeks to days.	Measure and calculate the perimeter of a rectilinear shape. Find the area of a rectilinear shape by counting squares.
<b>Y5</b>	Convert between different units of metric measure. Understand and use approximate equivalences between metric and imperial units. Use all four operations to solve problems involving measures including with decimals and scaling.	Use all four operations to solve problems involving measure (including money).	Solve problems involving converting between units of time.	Measure and calculate the perimeter of a composite rectilinear shape in cm and m. Calculate and compare the area of rectangles and estimate the area of irregular shapes. Estimate volume and capacity

	<b>Y6</b>	Use all four operations to solve problems involving measures and conversions. Use, read and write between standard units and using this to convert up to 3DP Convert between miles and km.		Use, read, write and convert between standard units including converting measurements of time from a smaller unit to a larger unit.	Recognise shapes with the same area can have different perimeters and visa versa. Recognise when it is possible to use formulae to find area and volume. Calculate the area of parallelograms and triangles. Calculate, estimate and compare the volume of cubes and cuboids.
	<b>KS3</b>	Understand and use place value when using different measures of length, mass, time and volume changing freely between different units of metric measures.			Calculate the area and perimeter of a variety of 2D and compound shapes, including triangles using a formula.