Class 7 (Y6) Measure

Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources for Class Area	Practical Resources centrally stored
Length (including perimeter & area)	Use, read, write and convert between standard units, converting measurements from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to 3 places Convert between miles and kilometres	**millimetre (mm)** **centimetre (cm)** **metre (m)** **Kilometre (Km)** **miles**	Use knowledge of place value and multiplication and division to convert units	30cm rulers tape measures metre stick trundle wheel	
	Recognise that shapes with the same areas can have different perimeters and vice versa	**perimeter** **area** **vice versa**	relate area to arrays and multiplication	cm² paper	
	Recognise when it is necessary to use the formulae for area and volume of shapes	**formula**			
	Calculate the area of parallelograms and triangles	**parallelogram** **halving**			
Weight (Mass)	Use, read, write and convert between standard units, converting measurements from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to 3 places	**kilogram Kg** **gram g**	Use knowledge of place value and multiplication and division to convert units	balances selection of weights weighing scales	

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Capacity & Volume	Use, read, write and convert between standard units, converting measurements from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to 3 places Recognise when it is necessary to use the formula for volume of shapes 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 mm ³ and Km ³	**litre** **millilitres ml** **cm³** **volume** **capacity** **m³** **mm³** **Km³** *Terms volume & capacity are now used separately	Use knowledge of place value and multiplication and division to convert units	standard measuring containers centicube volume cube container	variety of containers
Problems	Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate Using the number line use, add and subtract positive and negative integers for measures such as temperature				