



Year 5 Maths Medium Term Plan – Summer 1/2

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Weeks	Decimals and Percentages	Inspire coverage
1 - 3	To add, subtract, multiply and divide decimals.	Inspire 4B Own coverage plus work from White Rose Hub and Sunderland LEA maths bank.
	recognise the per cent symbol (%) and understand that per cent relates to ‘number of parts per hundred’, and write percentages as a fraction with denominator 100, and as a decimal	PB5B Unit 10: Percentage pp 64–70, 90
	solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.	PB5B Unit 10: Percentage pp 73–76
Measurement		
3 - 5	convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)	PB5B Unit 8: Measurements pp 37–49 Own coverage using White Rose Hub and Sunderland bank ideas.
	understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints	Own coverage using White Rose Hub and Sunderland bank ideas.
	measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	Own coverage using White Rose Hub and Sunderland bank ideas.
	calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes	Own coverage using White Rose Hub and Sunderland bank ideas. PB4B Unit 12: Area and Perimeter pp 107–108, 110–116
	estimate volume [for example, using 1 cm ³ blocks to build cuboids (including cubes)] and capacity [for example, using water]	Own coverage using White Rose Hub and Sunderland bank ideas.
	solve problems involving converting between units of time	PB4B Unit 11: Time pp 84–85, 90–97
	use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	PB4B Unit 10: Decimals (2) pp 52, 58–60, 63, 64, 68–69, 77–79



Geometry – Properties of Shape		
6 - 8	identify 3-D shapes, including cubes and other cuboids, from 2-D representations	Own Coverage
	know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	PB4A Unit 6: Angles pp 119–121
	draw given angles, and measure them in degrees (°)	PB4A Unit 6: Angles pp 119–124
	identify: angles at a point and one whole turn (total 360°) angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) other multiples of 90°	PB4A Unit 6: Angles pp 125, 128–130, 132
	use the properties of rectangles to deduce related facts and find missing lengths and angles	PB4A Unit 8: Squares and Rectangles pp 146–152 PB4B Unit 12: Area and Perimeter pp 98–103, 105–116
	distinguish between regular and irregular polygons based on reasoning about equal sides and angles.	
Revision		
9 - 11	Revise all arithmetic for the year group	Own coverage
	Revise all major number objectives	Own coverage
Assessment Week		
Geometry – Position and direction		
12 - 13	<ul style="list-style-type: none"> ▪ identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. 	Own coverage