

Lea Community Primary School



Progression in Shape, Space and Measure



Academic year 2023-2024

Progression in shape, space and measure

Shape							
	EYFS	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
2D shape	<p>Recognise circles, triangles, squares and rectangles.</p> <p>Make simple pictures using 2D shapes.</p>	<p>Continue to recognise circles, triangles, squares and rectangles.</p> <p>Sort 2D shapes according to their properties</p>	<p>As Year One and:</p> <p>Recognise pentagons and hexagons and</p> <p>Count vertices on 2D shapes</p> <p>Recognise lines of symmetry</p>	<p>As Year Two and:</p> <p>Draw polygons</p>	<p>As Year Three and:</p> <p>Recognise and draw quadrilaterals</p> <p>Identify scalene, right angle, equilateral and isosceles triangles</p> <p>Complete symmetrical figures</p>	<p>As Year Four and:</p> <p>Classify regular and irregular polygons</p>	<p>As Year Five and:</p> <p>Radius, diameter and circumference of a circle.</p> <p>Draw shapes accurately</p>
3D shape	<p>Recognise spheres, cylinders, cubes and cuboids.</p> <p>Make simple constructions using 3D shapes</p>	<p>Recognise cones, pyramids and sort them according to their properties</p>	<p>As Year One and:</p> <p>Recognise triangular prisms</p> <p>Count vertices on 3D shapes</p> <p>Count edges on 3D shapes</p>	<p>As Year Two and:</p> <p>Count the faces on 3D shapes.</p> <p>Make 3D shapes</p>		<p>Draw 3D shapes accurately using isometric paper</p>	<p>As Year Five and:</p> <p>Create nets of 3D shapes</p>
Patterns	<p>Make ABAB AAB and ABB patterns with objects and images.</p>	<p>Make patterns with 2D and 3D shapes.</p>	<p>Make patterns with 2D and 3D shapes.</p>				

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Angles and Lines				<p>Recognise angles as turns</p> <p>Recognise right angles</p> <p>Recognise parallel and perpendicular lines</p> <p>Recognise horizontal and vertical lines</p>	<p>As Year Three and:</p> <p>Recognise acute and obtuse angles</p>	<p>As Year Four and:</p> <p>Estimate and measure angles</p> <p>Draw lines and angles accurately</p> <p>Calculate angles on a point and on a straight line</p> <p>Measure lengths and angles in shapes.</p>	<p>As Year Five and:</p> <p>Measure and classify angles</p> <p>Calculate angles</p> <p>Vertically opposite angles</p> <p>Angles in polygons, quadrilaterals and triangles</p>
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Measurement							
	EYFS	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Length and height	Use language of taller and shorter to compare length and height	<p>As EYFS and:</p> <p>Measure length and height using objects</p> <p>Compare lengths and heights using centimetres</p>	<p>As Year One and:</p> <p>Measure length and height in metres</p> <p>Order length and height</p>	<p>As Year Two and:</p> <p>Measure in millimetres</p> <p>Equivalent lengths (m, cm and mm)</p>	<p>As Year Three and:</p> <p>Equivalent lengths (m and km)</p>	<p>As Year Four and:</p> <p>Convert lengths</p> <p>Convert between metric and imperial units</p>	<p>As Year Five and:</p> <p>Calculate with imperial and metric measures</p>

Progression in shape, space and measure

<p>Mass, Volume and capacity</p>	<p>Use balancing scales to discuss heavier and lighter</p> <p>Use containers and language of full and empty to compare capacity and volume.</p>	<p>As EYFS and:</p> <p>Measure and compare mass</p> <p>Measure and compare capacity</p> <p>Measure volume</p>	<p>As Year One and:</p> <p>Measure in grams and kilograms</p> <p>Measure in millilitres and litres</p>	<p>As Year Two and:</p> <p>Equivalent mass (grams and kilograms)</p> <p>Equivalent capacities (millilitres and litres)</p>		<p>As Year Four and:</p> <p>Convert between metric and imperial units</p> <p>Estimate volume and capacity</p> <p>Cubic centimetres</p>	<p>As Year Five and:</p> <p>Calculate volume by counting cubes</p>
<p>Temperature</p>	<p>Use vocabulary hot, hotter, colder and cold when discussing weather.</p>		<p>As Year One and:</p> <p>Read thermometers in degrees Celsius.</p>			<p>Measure temperature including negative numbers.</p>	
<p>Perimeter and Area</p>				<p>Understand perimeter is the distance around the edge of a shape</p> <p>Measure perimeter</p> <p>Calculate perimeter</p>	<p>As Year Three and:</p> <p>Calculate perimeter of rectilinear shapes</p> <p>Calculate perimeter of regular polygons</p> <p>Count squares to calculate area</p> <p>Compare areas</p>	<p>As Year Four and:</p> <p>Area of rectangles</p> <p>Area of compound shapes</p> <p>Estimate area</p>	<p>As Year Five and:</p> <p>Calculate area of triangles</p> <p>Area of a parallelogram</p>

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Money							
	EYFS	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Money	Use 1p coins during role play activities	Recognise coins Recognise notes Count in coins	As Year One and: Count in pounds and pence Make the same amount Make a pound Give change Calculate with money	As Year Two and: Convert pounds and pence Solve addition and subtraction problems with money	As Year Three and: Write money using decimals Estimate with money		

Time							
	EYFS	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Time	Use timed songs during transition times Use the language of yesterday, today, tomorrow Understand the days of the week	Hours minutes and seconds Tell the time to the hour and the half hour	As Year One and: Hours in a day Tell the time to the nearest 5 minutes	As Year Two and: Years, months, weeks and days Tell the time to the nearest minute Read digital clock Use AM and PM	As Year Three and: Convert between analogue and digital times Convert 24 hour clock	As Year Four and: Read timetables Convert using timetables	

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Position and Direction							
	EYFS	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Position and direction	<p>Follow instructions to move in certain directions</p> <p>Ordinal numbers</p>	<p>As EYFS and:</p> <p>Describe turns</p> <p>Left and right</p> <p>Forwards and backwards</p> <p>Above and below</p>	<p>As Year One and:</p> <p>Describe movement and turns</p> <p>Shape patterns with turns</p>		<p>As Year Three and:</p> <p>Plot co-ordinates</p> <p>Draw 2D shapes on a grid</p> <p>Translations</p>	<p>As Year Four and:</p> <p>Problem solving with co-ordinates</p> <p>Lines of symmetry</p> <p>Reflection in horizontal and vertical lines</p>	<p>As Year Five and:</p> <p>Exploring the first quadrant</p>