



# Learning Facts & Definitions Progression – Measures and Geometry

Year Group	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Money</b>			100 pence in a pound				
<b>Time</b>	7 days in a week Name the days of the week	12 months in a year Name the months of the year Name the four seasons	60 minutes in an hour 24 hours in a day 2 weeks in a fortnight 52 weeks in a year	60 seconds in a minute 10 years in a decade 100 years in a century Number of days in each month 365/366 days in a year / leap year	1000 years in a millennium		
<b>Length</b>			100cm in a metre	10mm in a centimetre 1000m in a kilometre	Define perimeter and area of a 2-D shape Define volume of a 3-D shape	Learn formula for area of a rectangle ( $l \times w$ ) and volume of a cuboid ( $l \times h \times d$ )	Learn formula for area of a parallelogram ( $b \times h$ ) and area of a triangle ( $\frac{1}{2} \times b \times h$ )  Learn formula for area and circumference of a circle
<b>Mass</b>				1000g in a kilogram	1000mg in a gram		
<b>Capacity</b>				1000ml in a litre	100cl in a litre		
<b>Geometry - Shape</b>	Recognise rectangles, squares, circles and triangles Recognise a square as a special rectangle A 3-sided shape is a triangle A circle has one curved side	A cuboid has 6 rectangular faces A cube has 6 square faces A sphere has 1 curved face A semi-circle is half a circle	Define polygon Name polygons with 4, 5, 6 and 8 sides – quadrilaterals, pentagons, hexagons & octagons Define symmetry	Define regular shapes (equal sides & angles) and irregular shapes (Sides and angles which are not equal) Name polygons with 7, 9, & 10 sides – heptagons, nonagons & decagons	Define and recognise any parallelogram, rhombus, trapezium and kite Define equilateral, isosceles and scalene triangles	Define pyramids and prisms	Define the circumference, radius and diameter of a circle
<b>Geometry - Angles</b>			Define horizontal and vertical lines	Define perpendicular and parallel lines 90 degrees in a right angle	Define acute and obtuse angles	180 degrees in a $\frac{1}{2}$ turn 270 degrees in a $\frac{3}{4}$ turn 360 degrees in a full turn 180 degrees in a straight line Define reflex angles	180 degrees in a triangle Angles at a point are 360 degrees 360 degrees in a circle 360 degrees in a quadrilateral
<b>Prefixes</b>		Tri means three	Quad means four Pent means five Hex means six Oct means eight	Deca means ten Cent means hundred Kilo means thousand	Mill means thousand Deci means tenth Centi means hundredth Milli means thousandth	Mega means million Giga means billion Tera means trillion	Micro means millionth Nano means billionth Pico means trillionth
<b>Statistics</b>						X axis is horizontal Y axis is vertical	Define mean, median, mode and range

Blue = Non-Negotiable   Red = Top Target

