

Space, Shape and Measure – a progression in mathematical vocabulary

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement						
measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under	measurement roughly	measuring scale	division approximately	unit, standard unit metric unit	imperial unit	
Length metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close	Length centimetre ruler metre stick	Length further, furthest tape measure	Length millimetre kilometre, mile distance apart ... between ... to ... from perimeter	Length breadth edge, area, covers square centimetre (cm ²)	Length square metre (m ²), square millimetre (mm ²)	Length yard, foot, feet, inch, inches circumference, diameter
Weight weigh, weighs, balances	Weight kilogram, half kilogram	Weight gram	Weight	Weight mass: big, bigger, small, smaller	Weight	Weight tonne, pound, ounce

heavy, light heavier than, lighter than heaviest, lightest scales				weight: heavy/light, heavier/lighter, heaviest/lightest		
Capacity and volume full empty half full holds container	Capacity and volume litre, half litre capacity volume more than less than quarter full	Capacity and volume millilitre contains	Capacity and volume	Capacity and volume measuring cylinder	Capacity and volume pint, gallon	Capacity and volume centilitre cubic centimetres(cm ³), cubic metres (m ³), cubic millimetres (mm ³), cubic kilometres (km ³)
		Temperature temperature degree	Temperature centigrade	Temperature	Temperature	Temperature minus negative
Time time days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after next, last	Time months of the year (January, February ...) seasons: spring, summer, autumn, winter weekend, month, year earlier, later first, midnight date how long ago?	Time fortnight 5, 10, 15 ... minutes past digital/analogue clock/watch, timer seconds	Time century calendar, earliest, latest a.m., p.m. Roman numerals 12-hour clock time, 24-hour clock time	Time leap year, millennium noon, date of birth timetable, arrive, depart	Time	Time Greenwich Mean Time, British Summer Time, International Date Line

<p>now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands</p>	<p>how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes usually once, twice half past, quarter past, quarter to clock face, hour hand, minute hand hours, minutes</p>					
<p>Money money coin penny, pence, pound price, cost buy, sell spend, spent pay</p>	<p>Money change dear, costs more, cheap, costs less, cheaper, costs the same as how much ...? how many ...? total</p>	<p>Money bought, sold</p>	<p>Money</p>	<p>Money</p>	<p>Money discount currency</p>	<p>Money profit, loss</p>

Geometry – a progression in mathematical vocabulary

Properties of shape						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
shape, pattern, flat curved, straight round, hollow, solid sort, make, build, draw, size bigger, larger, smaller symmetrical pattern, repeating pattern, match	symmetry, symmetrical pattern	line symmetry surface	perimeter	Line construct, sketch centre angle, right-angled base, square-base reflect, reflection regular, irregular	radius, diameter congruent axis of symmetry, reflective symmetry	circumference, concentric, arc net, open, closed intersecting, intersection, plane
2-D shape						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
corner, side rectangle (including square) circle triangle	Point, pointed	rectangular, circular, triangular pentagon hexagon octagon	pentagonal, hexagonal, octagonal quadrilateral, right-angled, parallel, perpendicular	2-D, two-dimensional Oblong, rectilinear equilateral triangle, isosceles triangle, scalene triangle heptagon parallelogram, rhombus, trapezium polygon	x-axis, y-axis, quadrant	kite
3-D shape						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
face, edge, vertex, vertices cube pyramid sphere cone	Cuboid cylinder		Hemisphere prism, triangular prism	Spherical, 3-D, three-dimensional Cylindrical tetrahedron, polyhedron	octahedron	Dodecahedron net, open, closed

Position and direction

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
position over, under above, below, top, bottom, side on, in outside, inside around, in front, behind, front, back beside, next to opposite, apart between, middle, edge, corner direction, left, right up, down forwards, backwards, sideways across, next to, close, near, far along, through to, from, towards, away from, movement, slide, roll, turn, stretch, bend, whole turn, half turn	Underneath Centre journey	Route higher, lower clockwise, anticlockwise right angle, straight line	compass point north, south, east, west, N, S, E, W horizontal, vertical, diagonal angle ... is a greater/smaller angle than chart, bar chart, frequency table Carroll diagram, Venn diagram, axis, axes diagram	north-east, north-west, south-east, south-west, NE, NW, SE, SW translate, translation degree rotate, rotation reflection ruler, set square angle measurer, compass	Coordinate, protractor	reflex angle

Progression table created from detail in: <https://www.risingstars-uk.com/subjects/maths/picture-maths/free-stuff/mathematical-vocabulary-ebook>