Maths – Reasoning with Algebra – Autumn Term 1





Maths – Constructing in 2D & 3D – Autumn Term 2



ection A: Key Vocabu	ary	Section B:	Section C: Locus of a distance
2D	Two dimensions to the shape e.g. length & width	Crisk Square Restangle Transle Rhombus Trapezum Paralelogram Hexagon	from a point from a straight line
3D	Three dimensions to the shape e.g. length, width & height	Cone Cylinder Sphere Cube Prom Cube Cube Cube Cube Cube Cube Cube Cube	
Vertex	A point where two or more line segments meet (a corner)	A prism: - A three dimensiona Finding the Surface Area:	The ends of the line are
Edge	A line on the boundary joining two vertex	- Add up the areas of all of the sides.	from two lines Construct a perpendicular from a point Point
Face	A flat surface on a solid object		Line
Cross-section	A view inside a solid shape made by cutting through it		Use a compass and draw on
Plan	A drawing of something when drawn from above (sometimes birds eye view)		<u>from two points</u> Keep the compass the same
Perspective	A way o give illustration of a 3D shape when draw on a flat surface	Pyramid =	new points to make new interconnecting arcs
Protractor	A piece of equipment used to measure and draw angles	$\frac{1}{3}$ × area of base × h	Constrainting Triangles
Locus	Set of points with a common property	$\rightarrow \rightarrow $	Side, Ongle
Equidistant	The same distance		Side Onde Side
Perpendicular	Lines that meet at 90 degrees	Net of a cuboid Cuboid Net of a triangular prism Triangular prism	
Arc	Part of a curve		Side, Side
Bisector	A line that divides something into two equal parts		Consequent trigendes
Congruent	Figures that are identical is size and shape	Net of a square- based pyramid Square-based pyramid Net of a cylinder Cylinder Plans and elevations For Corbett Mathematical Sections For Corbett Mathematical Sections For Corbett Mathematical Sections	Side-side-side
Scale	The ratio of the length in a drawing (or model) to the length on the real thing	front side plan 3D Shape	Ongle-side-ongle sides and angles Side-ongle-side are the same size. Right ongle-hypotenuse-side sides and angles