



A Star Equivalency – Maths Equivalency Syllabus Guide

Numbers	Numbers cont.
Ordering Numbers & Place Value	Special Number Sequences
Multiplying by 10, 100, etc	Multiples
Dividing by 10, 100, etc	Factors
Adding	LCM & HCF
Subtracting	Prime Numbers
Adding Decimals	Ratio
Subtracting Decimals	Best Buys
Multiplying	Fractions Fractions of Quantities
Dividing	Fraction Arithmetic
Multiplying Decimals	More Fraction Problems
Dividing Decimals	Fractions, Decimals, %
	Percentages
Shapes & Area	Measurements
Regular Polygons	Metric and Imperial Units
Symmetry	Rounding Off
Quadrilaterals	Estimating
Families of Triangle	Accuracy and Estimating
Vertices, Faces and Edges	Conversion Graphs
Perimeters	Conversion Factors
Areas of Rectangles	Clock Time Questions
Areas of Triangles	Compass Directions
Composite Areas	Three Figure Bearings
More Areas	Scale Drawings
Circles	Formula Triangles
Volume	Speed
Solids & Nets	Density
Length, Area & Volume	
Angles & Geometry	Handling Data
Estimating Angles	Probability
Drawing Angles	Mode and Median
Angle Rules	Mean and Range
Three-letter Angle Notation	Averages
Parallel Lines	Tally/Frequency Tables
Pythagoras'	Grouped Frequency Tables
Loci and Constructions	Tables, Charts & Graphs
Congruence	Stem & Leaf Diagrams
Similarity and Enlargement	Line Graphs
Transformations - Enlargements	Scatter Graphs
Transformations - Translation	Pie Chart
Transformations - Reflection	
Transformations – Rotation	
Graphs	Algebra
Coordinates	Negative Numbers
Midpoints of Line Segments	Standard Index Form
Straight Line Graphs You Should Know	Powers
Plotting Straight Line Graphs	Square & Cube Roots



Gradients of Lines	Number Patterns & Sequences
Straight Line Graphs: $y = mx + c$	Formulas from Words
Finding the Equation of a Straight Line	Rearranging Formulas
Quadratic Graphs	Substituting Values into Formulas
Simultaneous Equations with Graphs	Algebra Collecting Terms & Expanding
Interpreting Graphs	Algebra - Expanding Double Brackets
Travel Graphs	Algebra - Taking out Common Factors
	Solving Equations
	Trial & Improvement
	Inequalities