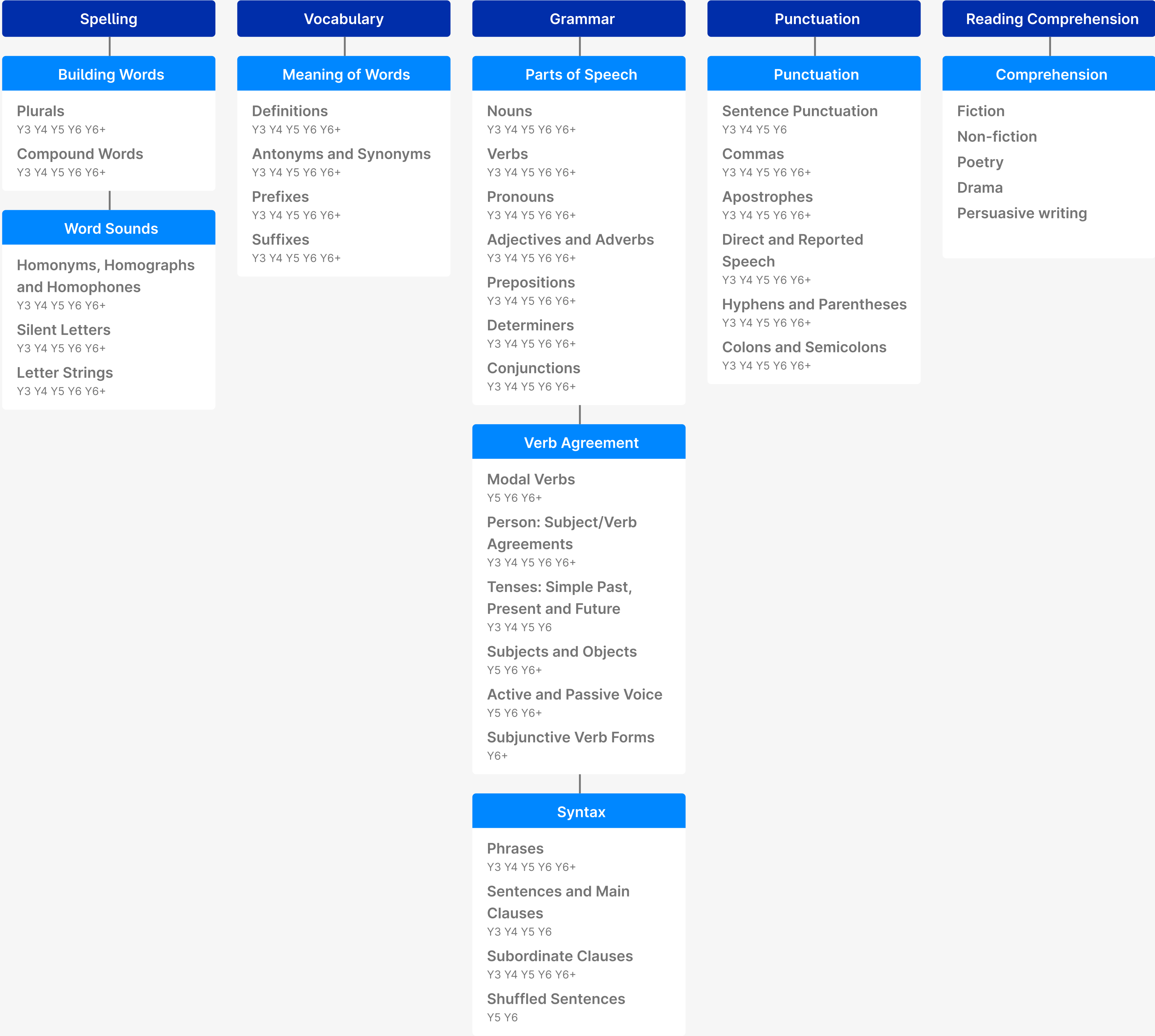




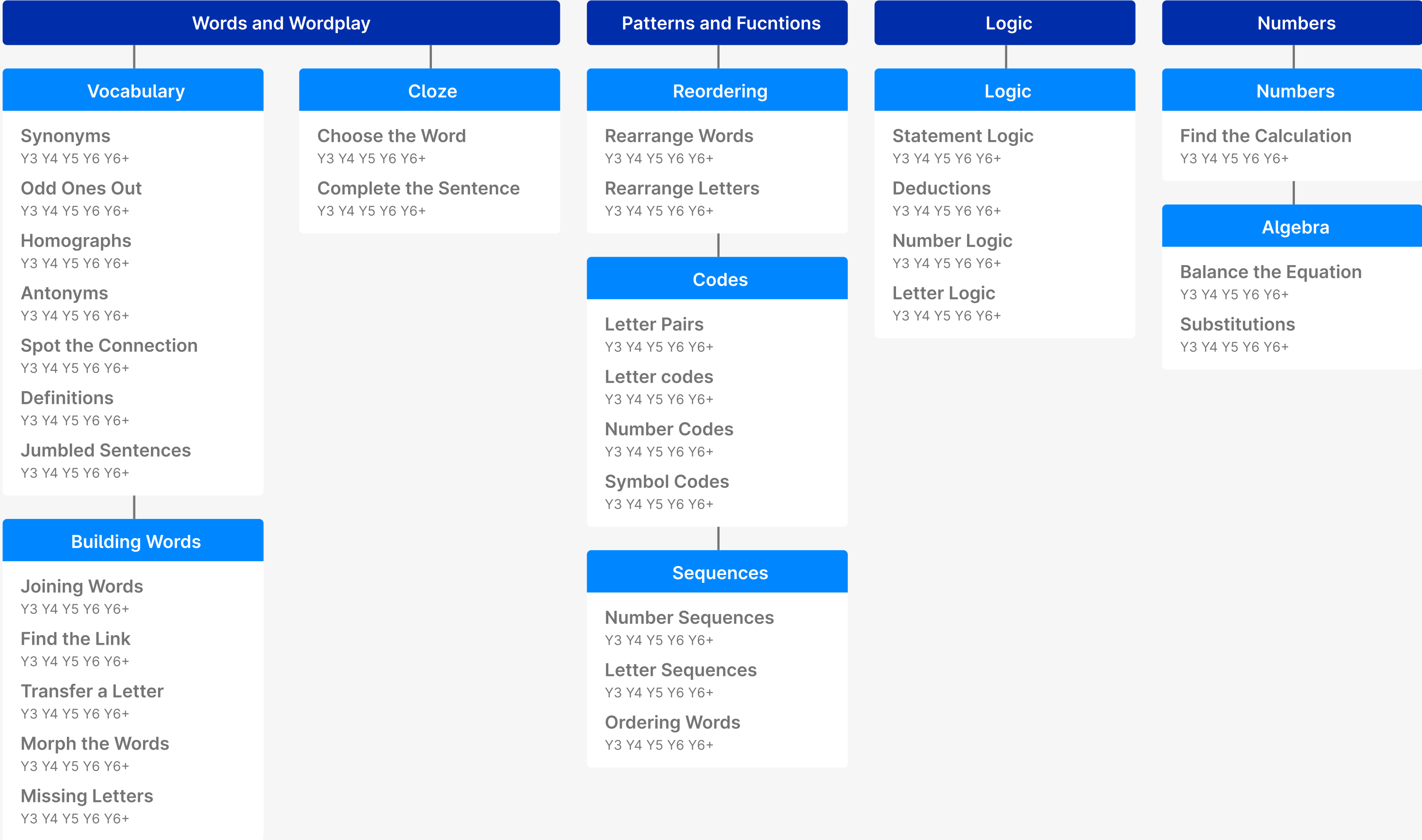
Atom Learning Curriculum

Year 6 / 6+

Data	Number		Geometry	Measurement	Ratio and Proportion	Algebra
Statistics	Place Value	Fractions	Properties of Shape	Measuring Space	Ratio	Expressions
The Mean Y6 Mode, Median & Range Y6+	Intro to Place Value Y3 Y4 Y5 Y6 Order and Compare Y3 Y4 Y5 Y6 Roman Numerals Y4 Y5 Y6 Rounding Numbers Y4 Y5 Y6 Negative Numbers Y4 Y5 Y6 Y6+	Intro to Fractions Y3 Y4 Y5 Y6 Y6+ Equivalent Fractions Y3 Y4 Y5 Y6 Mixed Numbers and Improper Fractions Y4 Y5 Y6 Order and Compare Fractions Y3 Y4 Y5 Y6 Adding and Subtracting Fractions Y3 Y4 Y5 Y6 Y6+ Multiplying Fractions Y5 Y6 Dividing Fractions Y6 Y6+	Angles Y3 Y4 Y5 Y6 Y6+ Triangles Y3 Y4 Y5 Y6 Y6+ Quadrilaterals Y3 Y4 Y5 Y6 Y6+ Polygons and Circles Y4 Y5 Y6 Y6+ Three-Dimensional Shapes Y3 Y4 Y5 Y6	Length and Perimeter Y3 Y4 Y5 Y6 Area Y4 Y5 Y6 Volume Y5 Y6 Units of Volumes and Areas Y6+ Surface Area Y6+	Intro to Ratios Y5 Y6+ Calculating ratios Y6 Similar Shapes and Scale Factors Y6	Forming Expressions Y6 Intro to Algebraic Notation Y6+ Brackets in Algebra Y6+ Algebraic Fractions Y6+
Representing Data	Operations	Decimals	Position and Direction	Weights and Measures	Proportion	Equations
Pictograms Y3 Y4 Y5 Y6 Tables Y3 Y4 Y5 Y6 Bar Charts Y3 Y4 Y5 Y6 Pie Charts Y6 Y6+ Line Graphs Y5 Y6 Venn Diagrams Y4 Y5 Y6 Y6+ Scatter Graphs Y6+ Averages from Graphs Y6+	Mental Addition and Subtraction Y3 Y4 Y5 Y6 Written Addition Y3 Y4 Y5 Y6 Written Subtraction Y3 Y4 Y5 Y6 Mental Multiplication and Division Y3 Y4 Y5 Y6 Written Multiplication Y3 Y4 Y5 Y6 Y6+ Written Division Y4 Y5 Y6 Y6+ Square and Cube Numbers Y5 Y6 Y6+ Order of Operations Y6 Estimating Y4 Y5 Y6 Y6+ Multiples Y5 Y6 Y6+ Factors Y5 Y6 Y6+ Prime Number and Factor Trees Y5 Y6 Y6+ Worded Problems Y3 Y4 Y5 Y6 Y6+	Intro to Decimals Y4 Y5 Y6 Converting Decimals and Fractions Y4 Y5 Y6 Y6+ Order and Compare Decimals Y4 Y5 Y6 Y6+ Adding and Subtracting Decimals Y4 Y5 Y6 Multiplying and Dividing Decimals Y4 Y5 Y6 Recurring Decimals Y6+	Transformations Y4 Y5 Y6 Y6+ Position Y4 Y5 Y6	Metric Units Y3 Y4 Y5 Y6 Converting Imperial Units Y5 Y6 Money Y3 Y4 Y5 Y6 Time Y3 Y4 Y5 Y6 Speed Y6+	Proportion Y6+	Substitution Y5 Y6 Solving Y5 Y6 Rearranging Equations Y6+ Inequalities Y6+ Two Unknowns Y6 Y6+
Probability	Percentages					Sequences
Basic Probability Y6+ Compound Probability Y6+	Calculating Percentages Y6 Y6+ Order and Compare Percentages (FDP) Y5 Y6 Y6+ Percentage Change Y6+					Simple Sequences Y5 Y6 Complex Sequences Y6+ The nth Term Y6+



Interpreting Shapes	Manipulating Shapes
Recognise and Associate	2D Shapes
Odd One Out Y3 Y4 Y5 Y6 Y6+	Parts Within a Shape Y3 Y4 Y5 Y6 Y6+
Match to a Group Y3 Y4 Y5 Y6 Y6+	Shape Logic Y3 Y4 Y5 Y6 Y6+
Match to a Pair Y3 Y4 Y5 Y6 Y6+	Rotations and Reflections Y3 Y4 Y5 Y6 Y6+
	Following Folds Y3 Y4 Y5 Y6 Y6+
Extending a Pattern	3D Shapes
Pairing Shapes Y3 Y4 Y5 Y6 Y6+	Nets and Cubes Y3 Y4 Y5 Y6 Y6+
Sequences Y3 Y4 Y5 Y6 Y6+	Rotating 3D Shapes Y3 Y4 Y5 Y6 Y6+
Matrices Y3 Y4 Y5 Y6 Y6+	Nets from 3D Shapes Y3 Y4 Y5 Y6 Y6+
Odd Shaped Matrices Y3 Y4 Y5 Y6 Y6+	Combining Shapes Y3 Y4 Y5 Y6 Y6+
Finding a Code	3D Shapes from Above Y3 Y4 Y5 Y6 Y6+
Find a Code Y3 Y4 Y5 Y6 Y6+	Colons and Semicolons Y3 Y4 Y5 Y6 Y6+



Biology		Chemistry	Physics		Working Scientifically
Plants	Animals Including Humans	States of Matter	Light	Electricity	Scientific Questions
Parts of Flowering Plants Y3 Y4 Y5 Y6 Y6+ What Plants Need to Grow Y3 Y4 Y5 Y6 Y6+ Flowering Plants: Life Cycles Y3 Y4 Y5 Y6 Y6+	Nutrition and Diet Y3 Y4 Y5 Y6 Y6+ Organs, Skeletons and Muscles Y3 Y4 Y5 Y6 Y6+ Teeth and Digestion Y3 Y4 Y5 Y6 Y6+ Food Chains Y3 Y4 Y5 Y6 Y6+ Human Development Y3 Y4 Y5 Y6 Y6+ The Circulatory System Y3 Y4 Y5 Y6 Y6+ Keeping Healthy: Drugs and Exercise Y3 Y4 Y5 Y6 Y6+ Keeping Healthy: Micro-organisms Y3 Y4 Y5 Y6 Y6+	Solids, Liquids and Gases Y3 Y4 Y5 Y6 Y6+ Changing State Y3 Y4 Y5 Y6 Y6+	Light and How We See Things Y3 Y4 Y5 Y6 Y6+ Shadows Y3 Y4 Y5 Y6 Y6+	Electrical Circuits and Keeping Safe Y3 Y4 Y5 Y6 Y6+ Circuit Diagrams and Changing Voltage Y3 Y4 Y5 Y6 Y6+	Variables, Fair Tests and Questions Y3 Y4 Y5 Y6 Y6+
Living Things and Their Environment		Materials	Forces and Magnets	Earth and Space	Testing
Classification Y3 Y4 Y5 Y6 Y6+ Adaptation and Habitats Y3 Y4 Y5 Y6 Y6+ Life Cycles of Animals and Plants Y3 Y4 Y5 Y6 Y6+		Properties of Materials Y3 Y4 Y5 Y6 Y6+ Dissolving and Solutions Y3 Y4 Y5 Y6 Y6+ Separating Mixtures Y3 Y4 Y5 Y6 Y6+ Irreversible Changes Y3 Y4 Y5 Y6 Y6+	Reaction forces and Gravity Y3 Y4 Y5 Y6 Y6+ Frictional Forces Y3 Y4 Y5 Y6 Y6+ Mechanisms Y3 Y4 Y5 Y6 Y6+ Magnets Y3 Y4 Y5 Y6 Y6+	Our Solar System and the Universe Y3 Y4 Y5 Y6 Y6+ Day and Night Y3 Y4 Y5 Y6 Y6+	Measuring, Observing and Safety Y3 Y4 Y5 Y6 Y6+
	Evolution	Rocks	Sound		Recording Results
	Variation, Adaptation and Evolution Y4 Y5 Y6 Y6+	Rocks, Soils and Fossils Y3 Y4 Y5 Y6 Y6+	How We Hear Sound Y3 Y4 Y5 Y6 Y6+ Changing Sound: Pitch and Volume Y3 Y4 Y5 Y6 Y6+		Recording Data Y3 Y4 Y5 Y6 Y6+
					Interpreting Data
					Interpreting Data Y3 Y4 Y5 Y6 Y6+