Key vocabulary list – Year 6

Textbook and unit	Key vocabulary highlighted in this unit	New vocabulary
6A Unit 1: Place value within 10,000,000	ten thousands (10,000s) hundred thousands (100,000s) millions (1,000,000s) ten million (10,000,000) place value partition interval estimate compare order rounding negative positive	
6A Unit 2: Four operations (1)	column addition remainder factor common factor common multiple prime composite squared (x^2) cubed (x^3)	
6A Unit 3: Four operations (2)	factor short division long division column multiplication long multiplication order of operations brackets inverse operations	column multiplication long multiplication short division order of operations brackets inverse operations
6A Unit 4: Fractions (1)	numerator denominator common denominator common factor equivalent simplify simplest form factor highest common factor lowest common multiple (LCM) compare order improper fraction mixed number convert lowest common denominator	simplest form simplify lowest common denominator

Textbook and unit	Key vocabulary highlighted in this unit	New vocabulary
6A Unit 5: Fractions (2)	numerator denominator whole number mixed number convert simplify integer improper fraction proper fraction	integer
6A Unit 6: Measure – imperial and metric measures	metric imperial units of measurement grams (g) kilograms (kg) pounds (lb) ounces (oz) feet (ft) yards (yd) millilitres (ml) litres (l) pints (pt) capacity millimetres (mm) centimetres (cm) metres (m) kilometres (km) inches (in) mass miles length convert conversion table conversion graph	units of measurement miles conversion table conversion graph
6B Unit 7: Ratio and proportion	ratio proportion part whole scale scale factor similar notation	ratio notation scale factor similar
6B Unit 8: Algebra	sequence rule term algebra expression calculation formula substitute generalise operation calculate equation solution	rule algebra operation expression substitute

Textbook and unit	Key vocabulary highlighted in this unit	New vocabulary
6B Unit 9: Decimals	multiply divide decimal decimal place (dp) recurring decimal placeholder place value tenths hundredths thousandths products fraction	recurring decimal
6B Unit 10: Percentages	per cent (%) percentage parts whole decimal fraction divide share multiply convert compare order equivalent fraction simplify less than (<) greater than (>)	
6B Unit 11: Measure: perimeter, area and volume	area volume perimeter parallelogram height perpendicular width length square centimetres (cm^2) square metres (m^2) base estimate formula compound shape dimensions cubic centimetres (cm^3) cubic metres (m^3)	dimensions compound shape base cubic centimetres
6C Unit 12: Statistics	mean average pie chart segments line graph bar chart percentage fraction data	pie chart segments average mean

Textbook and unit	Key vocabulary highlighted in this unit	New vocabulary
6C Unit 13: Geometry – properties of shapes	degree angle obtuse acute reflex right angle protractor triangle isosceles isometric equilateral scalene regular polygon quadrilateral parallelogram kite rhombus trapezium diameter radius circumference concentric perimeter nets pyramid tetrahedron cylinder prism vertically opposite angles cuboid cube	protractor vertically opposite angles isosceles radius concentric diameter circumference nets tetrahedron isometric
6C Unit 14: Geometry – position and direction	quadrant four quadrants translate translation x-axis y-axis axis axes horizontal vertical vertex vertices reflect reflection positive negative	x-axis y-axis four quadrants

Textbook and unit	Key vocabulary highlighted in this unit	New vocabulary
6C Unit 15: Problem solving	partition estimate round compare equivalent percentage ratio proportion convert common denominator coordinates translation reflection vertex scaling isosceles triangle	scaling