



Mathematics Curriculum Delivery

Sets 1 to 6

KS2 and KS3 curriculum delivery overview

Number & Place Value

Curriculum delivery | Set 1 to Set 6 | 5 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Autumn Week 1	Understand the value of each digit in • a 2-digit number (Y2r) • Representing numbers to 100 (concrete resources) • Partition numbers to 100 (part-whole) • Number lines to 100 (Y2r) • Numbers to 100 investigation (create)	Represent numbers to 100 (concrete resources) • Represent numbers to 1000 • Partition numbers to 1000 • Estimate on a number line to 1000 (Y3r) • Number lines to 1000	Represent numbers to 10,000 (Y4r) • Numbers to 10,000 • Numbers to 100,000 • Numbers to 1,000,000 • Read and write numbers to 1,000,000	Represent numbers to 10,000 (use Base 10 and manipulatives) (create) • Numbers to 1,000,000 • Numbers to 10,000,000 • Read and write numbers to 10,000,000 • Explore numbers to 10,000,000 (create)	Represent numbers to 10,000 (use Base 10 and manipulatives) (create) • Numbers to 1,000,000 (Y6r) • Numbers to 10,000,000 (Y6r) • Read and write numbers to 10,000,000 (Y6r) • Explore numbers to 10,000,000 (create)	Represent numbers to 10,000 (use Base 10 and manipulatives) (create) • Numbers to 10,000,000 (Y6r) • Write integers and numerals in words • Intervals on a number line • Compare and order integers
Autumn Week 2	Representing numbers to 1000 (concrete resources) • Read and write numbers up to 1000 • in numerals and words • Recognise place value of each digit • (hundreds, tens, ones) • Flexible partitioning to 1000 (including non-standard partitioning) • 2 week consolidation (create)	Read, write, compare and count to thousands upto 10,000 • Represent numbers to 10,000 • Partition numbers to 10,000 • Flexible partitioning to 10,000 • 2-week consolidation (create)	Powers of 10 • 10 / 100 / 1000 / 10,000 / 100,000 more or less • Partition numbers to 1,000,000 • Number line to 1,000,000 • Explore numbers to 1,000,000 investigation (create)	Powers of 10 • 10/100/1000/10000/100000 more or less (Y5r) • Number line to 10,000,000 • Compare and order numbers to 1,000,000 (Y5r) • Compare and order any integer	Powers of 10 (Y6r) • 10/100/1000/10000/100000 more or less (Y5r) • Number line to 10,000,000 (Y6r) • Compare and order numbers to 1,000,000 (Y5r) • Compare and order any integer (Y6r)	Complements to 1 (Y5r - Decimals) • Place value - integers and decimals (Y6r) • Place value for decimals • Decimals on a number line • Compare and order decimals
Autumn Week 3	Find 1, 10 more or less within 100 • Find 100 more or less within 1000 • Number lines to 1000 • Estimating on a number line to 1000 • 3 week assessment (create)	Find 1, 10, 100 and 1000 more or less • Number line to 10,000 • Estimate numbers on a number line to 10,000 • Compare numbers to 10,000 • Order numbers to 10,000	Estimate on a number line to 1,000,000 (create) • Compare numbers to 10,000 (Y4r) • Compare and order numbers to 100,000 • Compare and order numbers to 1,000,000 • Order numbers to 1,000,000 investigation (create)	Round to the nearest 10, 100 or 1,000 • Round any integer • Round to the nearest whole number (Y5r) • Round to 1 decimal place (Y5r) • Explore numbers to 10,000,000 investigation (create)	Round to the nearest 10, 100 or 1,000 (Y6r) • Round any integer (Y6r) • Round to the nearest whole number (Y5r) • Round to 1 decimal place (Y5r) • Explore numbers to 10,000,000 investigation (create)	Round to powers of 10 • Round to the nearest integer • Round to 1 decimal place (Y5r) • Round to decimal places • Explore rounding investigation to a range of variables (create)
Autumn Week 10	Comparing numbers within 100 (Y2r) • Order numbers to 100 (Y2r) • Comparing numbers within 1000 • Order numbers to 1000 • Compare numbers within 1000 (Recap and Nrich Nasty game)	Roman Numerals • Roman Numerals (repeat consolidation create) • Roman Numerals Investigation (create) • Represent numbers to 10,000 (repeat create) • Number line to 10,000 (repeat create)	Round to the nearest 10, 100 or 1000 (Y4r) • Round to the nearest 10, 100 or 1000 (Y5 lesson) • Round within 100,000 • Round within 1,000,000 • Explore rounding investigation (create)	(Refer to W/R Y6 Decimals unit) • Place value within 1 • Complements to 1 (Y5r - Decimals) • Place value - integers and decimals • Round decimals • Add and subtract decimals	(Refer to W/R Y7 Support Directed Number) • Negative numbers and number lines • Compare and order directed numbers • Calculations that cross zero • Negative numbers and zero pairs • Add and subtract directed numbers	Powers of 10 (E) • Numbers greater than 1 in standard form (E) • Negative powers of 10 (E) • Numbers between 0 and 1 in standard form (E) • Explore Standard Form Investigation (create)
Spring Week 6	Counting in 50s • Identify the previous and next multiple of • and 10 • Begin to understand scaling • (single digit x10 relationships) (WR M&DB) • (single digit x100 relationships) • Reasoning and problem solving with scaling (single digit x10 and x100)	Round to the nearest 10 • Round to the nearest 100 • Round to the nearest 1000 • Round to the nearest 10, 100, 1000 • Rounding consolidation / investigation (create)	Roman numerals (Y4r) • Roman numerals to 1000 • Roman numerals Investigation (create) • Powers of 10 (repeat create) • Read and write numbers to 1,000,000 (repeat create)	(Refer to W/R Y5 Negative Numbers) • Understand negative numbers (Y5r) • Count through zero in 1s (Y5r) • Count through zero in multiples (Y5r) • Compare and order negative numbers (Y5r) • Find the difference (Y5r)	(Refer to W/R Y7 Directed Number (Not Support unit) • Directed number and number lines • Compare and order directed numbers • Calculations that cross zero • Add directed numbers • Subtract directed numbers	(Refer to W/R Y7 Algebra Sequences) • Term-to-term rules • Find Missing term rules • Algebra sequences investigation / consolidation (create) • (Refer to W/R Y7 Algebraic notation and substitution • 1-step function machines (number) • 1-step function machines (algebra)

Number Facts

Curriculum delivery | Set 1 to Set 6 | 2 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Autumn Week 4	Number bonds within 10 and to 10 • $+3=9$ $2+8=10$ (Y2r) • Number bonds that bridge 10 ($7+6=13$) (Y2r) • Numbers bonds within 20 and to 20 • $+3=19$ $12+8=20$ (Y2r) • Number bonds that bridge 20 ($17+6=23$) (Y2r) • Reasoning and problem solving with number bonds under 30 (create)	Add and subtract 1s, 10s and 100s (Y3r) • Spot the pattern (Y3r) • Add and subtracts 1s across a 10 (Y3r) • Add and subtract 10s across a 100 (Y3r) • Make Connections (Apply number bonds within 10 ($6 + 4 = 10$, then $60 + 40 = 100$)) (Y3r)	(Refer to W/R Y5 Multiplication & Division A) • Multiples • Common multiples • Factors • Common Factors • Exploring patterns in multiples and factors (Create)	(Refer to W/R Y6 Addition, subtraction, multiplication and division) • Common factors • Common multiples • Rules of divisibility • Primes to 100 • Square and cubes numbers	Number bonds to 10,100 and 1 (create) • Recall multiplication and division facts to (3,4, 8)) (create) • Recall multiplication and division facts to (6,7,9,12) (create) • Derived facts ($6 \times 4 > 60 \times 4$) • Explore multiplication and division facts (create)	Properties of Number • Multiples • Factors • Prime numbers • Write a number as a product of prime factors • Properties of number consolidation (create)
Summer Week 3	Make Connections (Apply number bonds within 10 ($6 + 4 = 10$, then $60 + 40 = 100$))(create) • Complements to 100 ($63 + ? = 100$, $63 \rightarrow 60 + 3$, $3 \rightarrow$ needs 7 to make 10 $\rightarrow$ leaves 30 $\rightarrow$ total 37)(create) • Add two 2-digit numbers bridging 100 (create) • Subtract across 100 using number bonds (create) • Reasoning and problem solving with number bonds under 200 (create)	Number bonds to 100 (create) • Inverse operations (create) • Doubling (create) • Halving (create) • Consolidation (create)	(Refer to W/R Y5 Multiplication & Division A) • Prime numbers • Square numbers • Cube numbers • Prime, Square and Cube numbers (investigation) (create) • Explore multiples, common multiples, Factors, Common factors, Primes, Squares and cubes (create)	(Refer to W/R Y6 Addition, subtraction, multiplication and division) • Common factors and multiples (create) • Primes to 100 and Square and cube numbers (create) • Order of operations • Mental calculations and estimation • Reason from known facts	Common factors and multiples (create) • Primes to 100 and Square and cube numbers (create) • Order of operations (Y6r) • Mental calculations and estimation (Y6r) • Reason from known facts (Y6r)	Properties of Number continued • Square, cube and triangular numbers • Square roots and cube roots • Explore higher powers and roots (E) • Highest Common Factors (HCF) • Lowest Common Factors (LCF)

Addition & Subtraction

Curriculum delivery | Set 1 to Set 6 | 4 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Autumn Week 14	Apply number bonds within 10 • Add and subtract 1s • Add and subtract 10s • Add and subtract 100s • Investigation (create)	Compliments to 100 (Y3r) • Estimate answers (Y3r) • Inverse operations (Y3r) • Make decisions (Y3r) • Add and subtract 1s, 10s, 100s and 1000s	Add up to two 4-digit numbers (one exchange) (Y4r) • Add whole numbers with more than four digits • Subtract two 4-digit numbers (one exchange) (Y4r) • Subtract whole numbers with more than four digits • Addition and subtractions investigation (create)	Add whole numbers with more than four digits (Y5r) • Subtract whole numbers with more than four digits (Y5r) • Add and subtract integers • Multi-step addition and subtraction problems (Y5r) • Add and subtract integers investigation (create)	Add whole numbers with more than four digits (Y5r) • Subtract whole numbers with more than four digits (Y5r) • Add and subtract integers (Y6r) • Multi-step addition and subtraction problems (Y5r) • Add and subtract integers investigation (create)	Add whole numbers with more than four digits (Y5r) • Subtract whole numbers with more than four digits (Y5r) • Add and subtract integers (Y7) • Add and subtract decimals (Y7) • Add and subtract integers investigation (create)
Spring Week 1	Add 1s across 10 • Add 10s across 100 • Subtract 1s across 10 • Subtract 10s across and 100 • Add and subtract 100s	Add up to two 4-digit numbers (no exchange) • Add up to two 4-digit numbers (one exchange) • Add up to two 4-digit numbers (more than one exchange) • Subtract two 4-digit numbers (no exchange) • Subtract two 4-digit numbers (one exchange)	Mental strategies • Round to check answers (repeat create) • Inverse Operations (addition and subtraction) • Multi-step addition and subtraction problems	Decimals Unit (W/R Y5 Decimals) • Add and subtract decimals across 1 (Y5r) • Add decimals with the same number of decimal places (Y5r) • Subtract decimals with the same number of decimal places (Y5r) • Add decimals with different number of decimal places (Y5r) • Subtract decimals with different number of decimal places (Y5r)	(Refer to W/R Y7 Support V3 Four Operations) • Use number bonds • Add integers • Subtract integers • Solve problems with addition and subtraction • Addition and subtraction investigation (create)	Four Operations Unit (W/R Y7) • Multiply and divide by 10, 100 and 1000 • Multiply by 0.1 and 0.01 (E) • Multiply integers • Divide integers • Explore Multiplying by decimals (create)
Spring Week 2	Add 2 numbers (no exchange) • Add 2 numbers (across 10 (exchange)) • Subtract 2 numbers (no exchange) • Subtract 2 numbers (across 10 (exchange)) • Addition and subtraction investigation (create)	Subtract two 4-digit numbers (more than one exchange) • Efficient subtraction • Estimate answers • Checking strategies • 2-week consolidation investigation (create)	Compare calculations • Find missing numbers • Use known facts to add and subtract decimals within 1 (decimals) • Complements to 1 (decimals) • Add and subtract decimals across 1 (decimals)	Decimals Unit continued (W/R Y6 Decimals): • Multiply by 10, 100 and 1000 • Divide by 10, 100 and 1000 • Multiply by decimals by integers • Divide decimals by integers • Multiply and divide decimals in context	(Refer to W/R Y7 Support V3 Four Operations with Decimals) • Add decimals • Subtract decimals • Solve problems with decimal addition and subtraction • Multi-step decimal addition and subtraction reasoning problems (create) • Decimal addition and subtraction investigation (create)	Four Operations Unit continued (W/R Y7) • Multiply decimals • Divide decimals by integers • Divide by decimal (E) • Dividing by decimals (E) investigation (create) • Order of operations
Spring Week 7	Add 2-digit and 3-digit numbers • Subtract a 2-digit number from a 3-digit number • Estimate answers	Add up to 3 four-digit numbers using column • addition (See example on Oak Academy) • Subtract 4-digit numbers using column subtraction (See example Oak Academy) • Strategies to make solving calculations more efficient (See example Oak Academy) • Explain how many '500s' and '250s', 1,000 is composed of (See example Oak Academy) • Explain how many '100s' and '200s', 1,000 is composed of (See example Oak Academy)	Add decimals with the same number of decimal places (decimals) • Subtract decimals with the same number of decimal places (decimals) • Add decimals with different number of decimal places (decimals) • Subtract decimals with different number of decimal places (decimals) • Adding and subtracting decimals (investigation) (create)	Ratio Unit (W/R Y6 Ratio) • Add or multiply? • Use ratio language • Introduction to the ratio symbol • Ratio and fractions • Scale drawing	(Algebra unit: Refer to W/R Y7 Support V3 Expression and equations • Equality and equivalence • Related facts • Like and unlike terms • Collect like terms • Solve 1-step equations (+/-)	(Refer to W/R Y7 Algebra: Algebraic notation and substitution) • Find a function (one step) • Substitution (one step) • 2-step function machines (number) • 2-step function machines (algebra) • Explore function machines (create)

Multiplication & Division

Curriculum delivery | Set 1 to Set 6 | 5 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
M+D Autumn Week 11	Equal groups and use of arrays (2s) • Equal groups and use of arrays (5s, 10s) • Sharing and grouping (2s, 5s, 10s) • Equal groups and use of arrays (3s) • Divide by 3	Multiples of 3 • 6-times tables and division facts • 9-times table and division facts • The 3,6 and 9 times-tables • 7 times-table and division facts	Multiply a 3-digit number by a 1-digit number (Y4r) • Multiply up to a 4-digit number by a 1-digit number • Multiply up to a 4-digit number by a 1-digit number (repeat) (create) • Multiply a 2-digit number by 2-digit number (area model) • Multiply a 2-digit number by a 2-digit number	Multiply a 4-digit number by a 1-digit number (Y5r) • Multiply a 2-digit number by a 2-digit number (Y5r) • Multiply up to a 4-digit number by a 2-digit number • Solve problems with multiplication • Solve problems with multiplication investigation (create)	Multiply a 4-digit number by a 1-digit number (Y5r) • Multiply a 2-digit number by a 2-digit number (Y5r) • Multiply up to a 4-digit number by a 2-digit number (Y6r) • Solve problems with multiplication (Y6r) • Solve problems with multiplication investigation (create)	Multiply a 4-digit number by a 1-digit number (Y5r) • Multiply a 2-digit number by a 2-digit number (Y5r) • Multiply up to a 4-digit number by a 2-digit number (Y6r) • Multiply integers (Y7) • Solve problems with multiplication investigation (create)
M+D Autumn Week 12	3 times tables • Multiply by 4 • Divide by 4 • 4 times table • 2 week consolidation (2, 3, 4, 5, 10)	11 times table and division facts • 12 times-table and division facts • Factor pairs • Use factor pairs • Related facts - multiplication and division	Multiply a 3-digit number by a 2-digit number • Multiply a 4-digit number by a 2-digit number • Solve problems with multiplication • Multiplication investigation (create) • 2-week consolidation (create)	Divide a 4-digit number by a 1-digit number (Y5r) • Short division • Introduction to Long Division • Long division with remainders • Long division with remainders investigation (create)	Divide a 4-digit number by a 1-digit number (Y5r) • Short division (Y6r) • Introduction to Long Division (Y6r) • Long division with remainders (Y6r) • Long division with remainders investigation (create)	Divide a 4-digit number by a 1-digit number (Y5r) • Short division (Y6r) • Introduction to Long Division (Y6r) • Long division with remainders (Y6r) • Divide integers (Y7)
M+D Summer Week 2	Multiply by 8 • Divide by 8 • The 8 times-table • The 2,4 and 8 times table • Times table consolidation	Multiply a 2-digit number by a 1-digit number • Multiply a 3-digit number by a 1-digit number • Divide a 2-digit number by a 1-digit number (1) • Divide a 2-digit number by a 1-digit number (2) • Divide a 3-digit number by a 1-digit number	Short division • Divide a 4-digit number by a 1-digit number • Divide with remainders • Divide with remainders (repeat) (create) • Division investigation (create)	Multiply a 4-digit number by a 1-digit number (Y5r) • Multiply up to a 4-digit number by a 2-digit number • Long division with remainders • Solve multi-step problems • Explore long multiplication and long division investigation (create)	Multiply by 10, 100 and 1000 (Y5r) • Divide by 10, 100 and 1000 (Y5r) • Multiply by 10, 100 and 1000 (decimals) (Y5r) • Divide by 10, 100 and 1000 (decimals) (Y5r) • Multiply and divide decimals (investigation) (create)	(Place Value: refer to W/R Rounding and estimation) • Round to 1 significant figure • Round to 2 or more significant figures • Estimate answers to calculations • Solve problems with estimation • Understand and use error interval notation
M+D Summer Week 8	Multiples of 10 • Related Calculations • Reasoning about multiplication • Scaling • How many ways?	Multiply by 1 and 0 • Divide a number by itself and 1 • Multiply by 10 • Multiply by 100 • Investigation (create)	Multiply a 4-digit number by a 2-digit number (repeat) (create) • Divide with remainders (repeat) (create) • Multiply by 10, 100 and 1000 • Divide by 10, 100 and 1000 • Multiples of 10, 100 and 1000	Fractions unit • Multiply fractions by integers • Multiply fractions by fractions • Divide a fraction by an integer • Divide any fraction by an integer • Consolidation / investigation (create)	(Fractions Unit Refer to W/R Y6 v3: Fractions B) • Multiply fractions by integers (Y6R) • Multiply fractions by fractions (Y6R) • Divide a fraction by an integer (Y6R) • Mixed questions with fractions • Explore multiplying and dividing fractions	(Place Value: Refer to W/R Y7 Directed Number) • Directed number and number lines • Compare and order directed numbers • Calculations that cross zero • Directed number and zero pairs • Explore directed numbers (create)
M+D Summer Week 9	Multiply a 2-digit number by a 1-digit number (no exchange) • Multiply a 2-digit number by a 1-digit number (with exchange) • Divide a 2-digit number by a 1-digit number (no exchange) • Divide a 2-digit number by a 1-digit number (flexible partitioning) • Divide a 2-digit number by a 1-digit number (with exchange)	Divide by 10 • Divide by 100 • Divide a 1-digit number by 10 • Divide a 2-digit number by 10 • Divide a 1 or 2 digit number by 100	Multiply by 10, 100 and 1000 (decimals) • Divide by 10, 100 and 1000 (decimals) • Multiply and divide decimals - missing values • Multiply and divide decimals (investigation) (create) • 2-week consolidation (create)	Fractions unit • Mixed questions with fractions • Calculate a fraction of a quantity (Y5r) • Fractions of an amount • Fraction of an amount - find the whole • Fractions of an amount investigation (create)	(Fractions Unit Refer to W/R Y7 Support V3: Fractions and percentages of amounts) • Unit fraction of an amount • Use a fraction to find the whole • Percentage of an amount (10%, 25% and 50%) • Percentage of an amount (calculator) • Percentages of an amount investigation (create)	(Place Value: Refer to W/R Y7 Directed Number continued) • Add directed numbers • Subtract directed numbers • Multiply and divide directed numbers • Order of operations with directed numbers • Directed numbers Assessment

Statistics

Curriculum delivery | Set 1 to Set 6 | 3 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Statistics Autumn Week 9	Make tally charts (Y2r) • Tables (Y2r) • Draw pictograms (2, 5 and 10) (Y2r) • Interpret pictograms (2, 5 and 10) (Y2r) • Tally chart and pictograms investigation (create)	Tally chart and pictograms recap (Y2r) • Interpret pictograms (Y3r) • Draw pictograms (Y3r) • Interpret and draw bar charts (Y3r) • Data investigation & create bar chart (create)	Pictograms recap (Y3r) • Bar charts recap (Y3r) • Data investigation & create bar chart (create) • Use Excel to create chart (create) • Interpreting and evaluating graphs (compare bar charts and pictograms) (create)	Comparison, sum and difference (Y4r) • Line graphs • Record data and create line graph (create) • Dual bar charts • Create a dual bar chart on Excel (create)	(Statistics: refer to W/R Y7 Support Graphing Data) • Represent and interpret data in pictograms • Represent and interpret bar charts • Represent data in dual bar charts • Interpret data in dual bar charts • Collect own data for dual bar charts (create)	Mode • Mean • Median • Range • Solve problems with averages and range
Statistics Spring Week 5	Interpret pictograms • Draw pictograms • Interpret bar charts • Draw bar charts • Data investigation & create bar chart (create)	Collect and represent data (Y3r) • Collect and represent data (create - investigation) • Use Excel to create chart (create) • Two-way tables (Y3r) • Two-way tables (create investigation (sport related?))	Comparison, sum and difference (Y4r) • Draw line graphs • Read and interpret line graphs • Collect own data for line graphs (create) • Use Excel to create line graphs (create)	Read and interpret pie charts • Pie charts with percentages • Draw pie charts • The mean • Collect data and use Excel to create pie chart (create)	(Statistics: refer to W/R Y7 Support Graphing Data) • Coordinates in the first quadrant • Read and interpret tables and scatter graphs • Scatter graphs • Correlation • Lines of best fit	Pictograms • Bar charts • Dual bar charts • Composite bar charts • Coordinates in the first quadrant
Statistics Summer Week 13	Collect and represent data • Collect and represent data (create investigation) • Use Excel to create chart (create) • Two-way tables • Two-way tables (create - investigation (sport related?))	Interpret charts • Comparison, sum and difference • Interpret line graphs • Draw line graphs • Line graphs investigation (create)	Read and interpret tables • Collect data for tables (shoe size / pets etc) (investigation) (create) • Two-way tables • Read and interpret timetables • Timetable (local bus / train) (investigation) (create)	Read and interpret tables (Y5r) • Collect data for tables (shoe size / pets etc) (investigation) (create) • Two-way tables (Y5r) • Read and interpret timetables (Y5r) • Timetable (local bus / train) (investigation) (create)	(Statistics: refer to W/R Y7 Support Averages and Range) • Mode • Mean • Median • Range • Exploring averages and range investigation (create)	Scatter graphs • Correlation • Lines of best fit • Time series graphs • Non-linear relationships

Measure

Curriculum delivery | Set 1 to Set 6 | 7 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Measure Autumn Week 5	Measures in metres and centimetres • Measures in millimetres • Measure in millimetres and centimetres • Metres, centimetres and millimetres • Equivalent lengths metres and centimetres (large scale object investigation)	Measure in centimetres and metres (Y3r) • Measure in kilometres and metres • Equivalent lengths (km and m) • Perimeter on a grid • Perimeter of a rectangle	Measure in centimetres and metres (Y3r) • Measure in kilometres and metres (Y4r) • Perimeter of rectangles • Perimeter of rectilinear shapes • Perimeter of polygons	Metric measures • Convert metric measures • Calculate with metric measures • Miles and kilometres • Imperial measures	Metric measures (Y6r) • Convert metric measures (Y6r) • Calculate with metric measures (Y6r) • Miles and kilometres (Y6r) • Imperial measures (Y6r)	Convert between milliseconds, seconds, minutes and hours • Convert between hours, days and years • Solve problems with tables and timetables • Solve problems with time and the calendar • Explore problems with time (Create)
Measure Autumn Week 6	Equivalent lengths centimetres and millimetres (small scale object investigation) • Compare lengths • Add lengths • Subtract lengths • 2-week assessment	Perimeter of rectilinear shapes • Find missing lengths in rectilinear shapes • Perimeter of regular polygons • Perimeter of polygons • Perimeter investigation (chalk outside (create))	Perimeter investigation (create) • Area of rectangles • Area of compound shapes • Area of compound shapes (investigation) (create) • 2-week consolidation	Perimeter of rectangles (Y5r) • Perimeter of rectilinear shapes (Y5r) • Perimeter of polygons (Y5r) • Area of rectangles (Y5r) • Area of compound shapes (Y5r)	Cubic centimetres (Y5r) • Compare volume (Y5r) • Estimate Volume (Y5r) • Estimate capacity (Y5r) • Volume and capacity investigation (create) (cooking?)	Calculate speed • Calculate time and distance • Solve problems with speed distance and time • Interpret distance time graphs • Explore distance time graphs (create)
Measure Autumn Week 8	Pounds and Pence (adding up and coin recognition) • Converting Pounds and Pence • Add money • Subtract money • Find change (shop investigation)	What is area? • Count squares • Make shapes • Compare areas • Area investigation (create)	Kilograms and kilometres • Millimetres and millilitres • Equivalent lengths (km and m) (Y4r) • Convert units of length • Convert between metric and imperial units	Algebra Unit (W/R Y6 Algebra) • 1-step function machine • 2-step function machines • Form expressions • Substitution • Formulae	Perimeter of polygons (Y5r) • Perimeter of rectilinear shapes (Y5r) • Area of rectangles (Y5r) • Area of compound shapes (Y5r) • Area and perimeter investigation (create)	Record / find date for distance time graphs (create) • Draw distance time graphs (use collected data) • Draw distance time graphs • Calculate speed from a distance time graph (E) • End of speed, distance and time Assessment
Measure Spring Week 3	What is perimeter? • What is perimeter? Investigation (write names on squared paper and calculate the perimeter by counting squares) • Measure perimeter • Measure perimeter of 2D shapes investigation • Calculate perimeter	Years, months and days (Y3r) • Years, months, weeks and days • Days and hours (Y3r) • Hours, minutes and seconds • Consolidation (create)	Cubic centimetres • Compare volume • Estimate Volume • Estimate capacity • Volume and capacity investigation (create) (cooking?)	Algebra Unit (W/R Y6 Algebra) • Form equations • Solve 1-step problems (algebra) • Solve 2-step problems (algebra) • Find pairs of values • Solve problems with two unknowns	Convert units of time (Y5r) • Convert between analogue and digital times (Y4r) • Convert to the 24-hour clock AND convert from the 24-hour clock (Y4r) • Calculate with timetables (Y5r) • Time reasoning problems (create (bus timetables))	(Refer to W/R Y7 Algebra Sequences) • Describe and continue sequences • Find the next term (s) • Linear and non-linear sequences • Continue linear sequences • Continue non-linear sequences
Measure Spring Week 9	Use scales • Measure mass in grams • Measure mass in kilograms and grams • Equivalent masses (kilograms and grams) • Measuring mass investigation (create)	Tell time past and to the hour (Y2r) • Tell the time to 5 minutes (Y3r) • Tell the time to the minute (Y3r) • Read time on a digital clock (Y3r) • Use AM and PM (Y3r)	Years, months, weeks and days (Y4r) • Hours, minutes and seconds (Y4r) • Convert units of time • Tell the time to 5 minutes (Y3r) • Tell the time to the minute (Y3r)	Shapes - same area • Area and perimeter • Area of a triangle • Area of a right-angled triangle • Area of any triangle	Shapes - same area (Y6r) • Area and perimeter (Y6r) • Area of a triangle (Y6r) • Area of a right-angled triangle (Y6r) • Area of any triangle (Y6r)	(Refer to W/R Y7 Algebra: Algebraic notation and substitution) • Find a function (two step) • Substitution (two step) • (Refer to W/R Y7 Algebra: Expressions and Equations) • Equality and equivalence • Related facts • Like and unlike terms
Measure Spring Week 10	Measure capacity and volume in millilitres • Measure capacity and volume in litres and millilitres • Equivalent capacities (litres and millilitres) • Compare capacity and volume • Measuring capacity and volume investigation (create)	Convert between analogue and digital times • Convert to the 24-hour clock • Convert from the 24-hour clock • Time reasoning problems (create (bus timetables)) • 2-week consolidation (create)	Convert between analogue and digital times (Y4r) • Convert to the 24-hour clock (Y4r) • Convert from the 24-hour clock (Y4r) • Calculate with timetables • 2-week consolidation (create)	Area of a parallelogram • Cubic centimetres (Y5r) • Volume - counting cubes • Volume of a cuboid • Volume of rectilinear shapes investigation (create)	Area of a parallelogram (Y6r) • Cubic centimetres (Y5r) • Volume - counting cubes (Y6r) • Volume of a cuboid (Y6r) • Volume of rectilinear shapes investigation (create)	(Refer to W/R Y7 Algebra: Expressions and Equations continued) • Collect like terms • Solve 1-step equations (+/-) • Solve 1-step equations (x/+) • Solve 2-step equations • Explore expressions and equations (create)

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Measure Summer Week 10	O'clock, half past, quarter past and quarter to (Y2r) • Tell time past and to the hour (Y2r) • Tell the time to 5 minutes • Tell the time to the minute • Time consolidation (create)	Write money using decimals • Convert between pounds and pence • Estimate with money • Calculate with money • Solve problems with money (investigation - create)	Write money using decimals (Y4r) • Convert between pounds and pence (Y4r) • Estimate with money (Y4r) • Calculate with money (Y4r) • Solve problems with money (investigation - create)	Convert units of time (Y5r) • Convert between analogue and digital times (Y4r) • Convert to the 24-hour clock AND convert from the 24-hour clock (Y4r) • Calculate with timetables (Y5r) • Timetable reasoning problems (create (bus timetables))	(Algebra Unit Refer to W/R Y7 Support V3: Algebraic notation and substitution) • 1-step function machines (number) • 1-step function machines (algebra) • Find a function (one step) • Substitution (one step) • 2-step function machines (number)	(Refer to W/R Y7 Fractions, Decimals and Percentages) • Equivalent fractions • Compare and order fractions • Fractions as division • Convert fractions, decimals and percentages • Fractions, decimals and percentages greater than 1 (E)

Fractions

Curriculum delivery | Set 1 to Set 6 | 5 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Fractions Spring Week 4	Unit fractions (Y2r) • Non-unit fractions (Y2r) • Recognise the equivalence of half and quarter turns (Y2r) • Recognise and find three-quarters (Y2r) • Halves, quarters and three-quarters investigation (create)	Tenths as fractions • Tenths as decimals • Tenths on a Place Value chart • Tenths on a number line • Tenths investigation (create)	Understand the whole (Y4r) • Find fractions equivalent to a unit fractions • Find fractions equivalent to a non-unit fraction • Recognise equivalent fractions • Equivalent fractions investigation (create)	Fractions recap (based on Y5) (create) • Equivalent fractions and simplify • Equivalent fractions on a number line • Compare and order (denominator) • Compare and order (numerator)	Equivalent fractions and simplify (Y6r) • Equivalent fractions on a number line (Y6r) • Compare and order (denominator) (Y6r) • Compare and order (numerator) (Y6r) • Add and subtract fractions with the same denominator (Y5r)	Fraction of an amount • Use a fraction to find the whole • Percentage of an amount (non-calculator) • Percentage of an amount (calculator) • Percentage of an amount investigation (create)
Fractions Summer Week 4	Understand the denominators of unit fractions • Compare and order unit fractions • Understand the numerators of unit fractions • Understand the whole • Compare and order non-unit fractions	Understand the whole • Count beyond 1 • Partition a mixed number • Number lines with mixed numbers • Compare and order mixed numbers	Decimals up to 2 decimal places • Equivalent fractions and decimals (tenths) • Equivalent fractions and decimals (hundredths) • Thousandths as fractions • Thousandths as decimals	Add and subtract fractions with the same denominator (Y5r) • Add fractions within 1 (Y5r) • Add fractions with total greater than 1 (Y5r) • Add to a mixed number (Y5r) • Add two mixed numbers (Y5r)	(Refer to W/R Year 7 Support v3 Fractions Add and subtract fractions) • Simplify fractions • Convert between mixed numbers and improper fractions • Add and subtract fractions with the same denominator • Add and subtract fractions and integers • Add and subtract fractions where denominators share simple common multiples	Percentage increase and decrease • Use a percentage to find the whole (E) • Solve problems with fractions and percentages greater than 1 (E) • Represent tenths and hundredths • Number lines with fractions and decimals
Fractions Summer Week 5	Fractions and scales • Fractions on a number line • Count in fractions on a number line • Equivalent fractions on a number line • Consolidation (create)	Understand improper fractions • Convert mixed numbers to improper fractions • Convert improper fractions to mixed numbers • Equivalent fractions on a number line • 2-week consolidation (create)	Order and compare decimals (same number of decimal places) • Order and compare decimals with up to 3 decimal places • Round to the nearest whole number • Round to 1 decimal place • 2-week consolidation	Subtract fractions (Y5r) • Subtract from a mixed number (Y5r) • Subtract from a mixed number - breaking the whole (Y5r) • Subtract two mixed numbers (Y5r) • 2-week consolidation / investigation (create)	(Refer to W/R Year 7 Support v3 Fractions Add and subtract fractions) • Add and subtract fractions with any denominator • Add and subtract improper fractions and mixed numbers • Use equivalence to add and subtract decimals and fractions (E) • Add and subtract simple algebraic fractions (E) • 2-week consolidation (Assessment)	Tenths, hundredths, fifths and quarters • Eighths and thousandths • Understand percentages • Convert simple fractions, decimals and percentages • Explore fractions, percentages and decimals (create)
Fractions Summer Week 11	Add fractions • Subtract fractions • Partition the whole • Unit fraction of a set of objects • Non-unit fractions of a set of amounts	Add two or more fractions • Add fractions and mixed numbers • Subtract two fractions • Subtract from a whole number • Subtract from mixed numbers	Convert improper fractions to mixed numbers • Convert mixed numbers to improper fractions • Multiply a unit fraction by an integer • Multiply a non-unit fraction by an integer • Multiply a mixed number by an integer	Understand percentages (Y5r) • Percentages as fractions (Y5r) • Percentages as decimals (Y5r) • Equivalent fractions, decimals and percentages (Y5r) • Fractions as division	(Fractions Unit Refer to W/R Y7 Support V3: Fractions, decimals and percentages) • Explore equal parts • Fractions on a number line • Understand percentages • Explore tenths • Explore a half	Simplify a fraction • Convert between a mixed number and improper fractions • Add and subtract fractions with the same denominator • Add and subtract fractions and integers • Add and subtract fractions where denominators share simple common multiple
Fractions Summer Week 12	Equivalent fractions as a bar model • Reasoning with fractions of amounts • Add and subtract fractions • Add and subtract fractions investigation (create)	Hundredths as fractions • Hundredths as decimals • Hundredths on a Place Value chart • Make a whole with tenths • Make a whole with hundredths	Calculate a fraction of a quantity • Fraction of an amount • Find the whole • Use fractions as operators • Fractions of quantities and amounts investigation (create)	Order, fractions, decimals and percentages • Percentages of an amount • Percentage of an amount - multi-step • Percentages - missing values • Percentages of amount investigation (create)	(Fractions Unit Refer to W/R Y7 Support V3: Fractions, decimals and percentages) • - CONTINUED) • Explore quarters • Explore hundredths • Explore fifths • Equivalent fractions, decimals and percentages • 2-week consolidation (Assessment)	Add and subtract fractions with any denominator • Add and subtract improper fractions and mixed numbers • Use equivalence to add and subtract decimals and fractions (E) • Add and subtract simple algebraic fractions • Substitution and solving equations with fractions (E)

Geometry

Curriculum delivery | Set 1 to Set 6 | 5 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
G Autumn Week 7	Recognising 2D and 3D shapes (Y2r) • Count sides on 2D shapes (Y2r) • Count vertices on 2D shapes (Y2r) • Drawing 2D shapes (Y2r) • Sorting 2D shapes (Y2r)	Understand angles as turns • Identify angles • Compare and order angles • Measure and draw lines accurately (Y3r) • Measure and draw angles accurately (Y3r)	Understand angles as turns • Understand and use degrees • Classify angles • Estimate angles • Angles investigation (create)	Classify angles (Y5r) • Measure and classify angles • Draw lines and angles accurately (Y5r) • Calculate angles • Vertically opposite angles	Regular and irregular polygons (Y5r) • 3D shapes (Y5r) • Understand angles as turns (Y5r) • Classify angles (Y5r) • Sort shapes using properties (create)	Metric Measures (Y6r) • Convert metric unit of length • Perimeter of a polygon • Perimeter of a compound shape • Perimeter investigation (create)
G Autumn Week 15	Describe position and direction (Y2r) • Describe turns (Y2r) • Describe movement and turns (Y2r) • What is an angle? • Turns and angles	Horizontal and vertical (Y3r) • Parallel and perpendicular lines (Y3r) • Triangles • Quadrilaterals • Polygons	Measures angles up to 180 • Draw lines and angles accurately • Calculate angles around a point • Calculate angles on a straight line • Lengths and angles in shapes	Angles in a triangle • Angles in a triangle - special cases • Angles in a triangle - missing angles • Angles in quadrilaterals • Angles in polygons	Calculate angles on a straight line (Y5r) • Calculate angles around a point (Y5r) • Calculate angles (Y6r) • Vertically opposite angles (Y6r) • Explore calculating angles investigation (create)	Area of rectangles and parallelograms • Area of a triangle • Area of a trapezium • Solve problems with perimeter and area • Area investigation (create)
G Spring Week 8	Right angles • Compare angles • Measure and draw lines accurately • Measure and draw angles accurately • Angles investigation (create)	Lines of symmetry • Complete a symmetric figure • Symmetry investigation (create) • Recognise and describe 3D shapes (Y3r) • Make 3D shapes (Minecraft nets etc) (create)	Read and plot coordinates • Problem solving with coordinates • Coordinates investigation (create) (Battleships style?) • Translation • Translation with coordinates	Describe position using coordinates (Y5r) • Plot coordinates (Y5r) • Draw 2D shapes on a grid (Y5r) • Translate on a grid (Y5r) • Describe translation on a grid (Y5r)	(Refer to W/R Y7 Support v3: Angles and Polygons) • Draw and measure line segments • Draw and measure line segments REPEAT (Create) • Angles in triangles • Solve problems with angles • Parallel and perpendicular lines	Draw and measure line segments and angles • Understand and use geometric notation • Angles around a point • Angles on a straight line • Explore / consolidate angles (create)
G Summer Week 1	Horizontal and vertical • Parallel and perpendicular lines • Lines of symmetry on shapes (Y2r) • Use lines of symmetry to complete shapes (Y2r) • Symmetry investigation (create)	Describe position using coordinates • Describe position using coordinates (Battleships) (create) • Plot coordinates • Plot coordinates (create a map with places on) (create) • Consolidation - Orienteering using Birds' Eye view map of school; find and plot locations (create)	Lines of symmetry (Y4r) • Complete a symmetric figure (Y4r) • Lines of symmetry • Horizontal, vertical, parallel and perpendicular lines recap (recap based on Y3) • Reflection in horizontal and vertical lines	The first quadrant • Read and plot points in four quadrants • Solve problems with coordinates • Translations • Read and plot points in four quadrants investigation (create)	The first quadrant (Y6r) • Read and plot points in four quadrants (Y6r) • Solve problems with coordinates (Y6r) • Translations (Y6r) • Read and plot points in four quadrants investigation (create)	Vertically opposite angles • Recognise and name polygons • Angles in a triangle • Angles in a quadrilateral • Angles in polygons consolidation (create)
G Summer Week 6	Recognise and describe 2D shapes • Draw polygons • Recognise and describe 3D shapes • Make 3D shapes (cube manipulatives) • Make 3D shapes (Minecraft nets etc) (create)	Draw 2D shapes on a grid • Translate on a grid • Translate on a grid (create) • Describe translation on a grid • Translation investigation (create)	Recognise and describe 2D shape (Y3r) • Regular and irregular polygons • Recognise and describe 3D shapes (Y3r) • Make 3D shapes (Minecraft nets etc) (create) • 3D shapes	Ratio Unit (W/R Y6 Ratio) • Use scale factors • Similar shapes • Ratio problems • Proportion problems • Recipes	(Refer to W/R Y7 Support v3: Speed, distance and time) • Calculate speed • Calculate time and distance • Solve problems with speed distance and time • Interpret distance time graphs • Draw distance and time graphs	Solve problems with angles • Parallel and perpendicular lines • Investigate angles in parallel lines (E) • Angles in a polygon (E) • Simple proofs (E)

Financial Literacy

Curriculum delivery | Set 1 to Set 6 | 3 delivery blocks

Delivery block	Set 1 (Y3)	Set 2 (Y4)	Set 3 (Y5)	Set 4 (Y6)	Set 5 (Support pathway)	Set 6 (Y7 pure)
Financial Literacy Autumn Week 13	Budgeting Basics • To understand the purpose of a budget. • To identify needs and wants when budgeting. • To make spending choices within a budget. • To investigate different budget options. • To solve simple budgeting problems.	Personal Budgeting • To understand the meaning of income. • To understand the meaning of expenditure. • To create and manage a weekly budget. • To understand how unexpected costs affect a budget. • To solve budgeting problems involving income and expenditure.	Managing Money • To distinguish between income and expenditure. • To create a monthly budget. • To understand the consequences of overspending. • To adjust a budget when circumstances change. • To evaluate and improve a budget.	Real-life Budgeting • To manage a realistic weekly budget. • To apply budgeting skills to family spending scenarios. • To create a budget for an event. • To budget for a school trip or activity. • To solve real-life budgeting problems.	Independent Living Budgets • To identify essential and non-essential spending • To create a food shopping budget • To calculate transport costs within a budget • To plan leisure spending responsibly • To manage a weekly independent living budget	Personal Finances and Economics • To analyse income and expenditure using budgets • To prioritise spending based on financial circumstances • To understand how inflation affects prices and budgets • To solve complex budgeting problems • To evaluate personal finance scenarios using mathematical reasoning
Financial Literacy Spring Week 10	Smart Shopping • To compare prices when shopping. • To identify the best value option. • To understand how special offers affect spending. • To shop successfully within a budget. • To apply comparison skills to shopping decisions.	Saving Goals • To identify short-term and long-term savings goals. • To understand how saving regularly helps achieve goals. • To create a savings plan. • To monitor progress towards a savings goal. • To evaluate the effectiveness of a savings plan.	Financial Choices • To understand the meaning of value for money. • To compare products using financial information. • To understand how advertising can influence spending. • To make informed spending decisions. • To evaluate financial choices using evidence.	Financial Planning • To identify personal financial goals. • To create a savings plan to achieve a goal. • To understand how unexpected costs affect financial plans. • To make informed financial decisions. • To evaluate different financial planning strategies.	Banking and Digital Money • To understand the purpose of a bank account • To use debit cards and contactless payments safely • To manage spending when using digital money • To recognise scams and protect personal information • To apply money safety strategies in real-life scenarios	Banking, Debt and Consumer Choices • To compare different types of bank accounts • To understand how borrowing money creates debt • To calculate simple interest and borrowing costs • To understand how to keep money safe from financial risks • To evaluate consumer choices using financial information
Financial Literacy Summer Week 7	Enterprise Project • To develop a simple business idea. • To calculate the cost of resources. • To set selling prices for products. • To participate in running an enterprise activity. • To calculate the profit made from sales.	Mini Business • To plan a simple business project. • To calculate business costs. • To set prices that generate profit. • To manage sales during a business activity. • To calculate profit and evaluate success.	Enterprise Challenge • To develop a business proposal. • To create a start-up budget. • To calculate costs and selling prices. • To participate in a trading event. • To analyse profit and financial performance.	Social Enterprise • To understand the purpose of social enterprise. • To create a budget for a social enterprise project. • To calculate costs, income and profit. • To participate in a social enterprise event. • To evaluate the financial and social impact of an enterprise project.	Enterprise Leadership • To plan an enterprise event • To manage stock and resources effectively • To record and manage income and expenditure • To take responsibility for enterprise roles • To evaluate the success of an enterprise project	Business Start-Up Challenge • To develop and justify a business idea • To forecast business costs and expenditure • To calculate revenue, profit and loss • To manage finances during a trading activity • To evaluate business performance using financial evidence