

Y7

ALGEBRAIC NOTATION & SUBSTITUTION, SEQUENCES (DIAGRAMS & NUMBERS)

SOLVE ONE STEP EQUATIONS & SIMPLIFYING, PLACE VALUE

ORDERING INTEGERS, DECIMALS & FRACTIONS, POWERS OF 10, USING NUMBER SKILLS

MATHS LEARNING JOURNEY

USING ANGLE FACTS, SETS & VENN DIAGRAMMS

CALCULATING WITH FRACTIONS & MIXED NUMBERS, CONSTRUCTING

FRACTIONS & PERCENTAGES OF AMOUNTS, DIRECTED NUMBER

PROBABILTY, TYPES OF NUMBERS, CONJECTURES

Y8

RATIO & SCALE, PROPORTION, MULTIPLY & DIVIDE FRACTIONS

STRAIGHT LINE GRAPHS, SCATTER GRAPHS, FRACTIONS & PERCENTAGES

NUMBER SENSE, AREA OF TRAPEZIUM AND CIRCLES

INDICES, STANDARD FORM, ANGLE PROBLEMS

PROBABILTY, EXPAND & FACTORISE, SOLVE EQUATIONS, NTH TERM

DATA, SYMMETRY, MEASURES OF LOACTION & COMPARISONS

Y9

EQUATIONS, CONJECTURES, STRAIGHT LINE GRAPHS

3D SHAPES, NUMBER PROBLEMS, CONSTRUCTIONS & CONGRUENCE

RATIO & PROPORTION, ENLARGEMENTS & SIMILARITY

ROTATIONS & TRANSLATIONS, PYTHAGORAS' THEOREM

PERCENTAGES, DEDUCTION, MATHS & MONEY

RATES, PROBABILTY, ALGEBRAIC REPRESENTATION

Y10

NON-CALCULATOR METHODS, INDICES & ROOTS, CIRCLES

EQUATIONS, INEQUALITIES, DATA, EXPAND & FACTORISE

PROBABILTY, REARRANGING FORMULAE

CONGRUENCY, SIMILARITY & ENLARGEMENT, RATIO & FRACTIONS

ANGLES & BEARINGS, TRANSFORMATIONS, PERCENTAGES

TRIGONOMETRY, MULTIPLICATIVE RELATIONSHIPS

COLLECTING AND USING DATA LOCI

Y11

USING DATA, CONSTRUCTIONS, SEQUENCES, LINEAR GRAPHS

REVISION AND EXAM PREPARATION

VECTORS, NON-LINEAR GBRAPHS, FUNCTIONS, USING GRAPHS

EXPRESSIONS, TRIGONOMETRY, SIMULTANEOUS EQUATIONS

YEAR 7 MATHS LEARNING JOURNEY

Y7

ALGEBRAIC NOTATION

SUBSTITUTION INTO EXPRESSIONS

SEQUENCES WITH DIAGRAMS

SIMPLIFYING ALGEBRAIC EXPRESSIONS

SOLVING ONE STEP EQUATIONS

SEQUENCES WITH NUMBERS

PLACE VALUE

ORDERING INTEGERS AND DECIMALS

POWERS OF 10: MULTIPLY AND DIVIDE

PROBLEM SOLVING: MULTIPLICATION & DIVISION

PROBLEM SOLVING: ADDITION & SUBTRACTION

ORDER FRACTIONS & DECIMALS

FRACTIONS & PERCENTAGES OF A QUANTITY

CALCULATING WITH DIRECTED NUMBERS

CALCULATING WITH FRACTIONS & MIXED NUMBERS

USE KNOWN FACTS TO DERIVE OTHER FACTS

KNOW AND USE ANGLE FACTS

MEASURING AND CONSTRUCTING

SETS AND VENN DIAGRAMS

PROBABILITY AND SAMPLE SPACES

IDENTIFY DIFFERENT TYPES OF NUMBERS

MAKE AND USE CONJECTURES

YEAR 8 MATHS LEARNING JOURNEY

Y8

RATIO

MULTIPLICATIVE
RELATIONSHIPS

DIRECT PROPORTION

LINEAR GRAPHS

DIVIDING FRACTIONS

MULTIPLYING FRACTIONS

EQUATION OF A LINE

SCATTER GRAPHS

FREQUENCY TABLES

EXPANDING AND
FACTORISING

TABLES AND
PROBABILITY

FRACTIONS AND
PERCENTAGES

FORM AND SOLVE
EQUATIONS

SEQUENCES AND NTH
TERM

INDICES

ANGLES IN POLYGONS

ANGLES AND PARALLEL
LINES

STANDARD FORM

NUMBER SENSE

AREA OF A TRAPEZIUM &
CIRCLES

HANDLING DATA

COMPARING
DISTRIBUTIONS

MEASURES OF
LOCATION

SYMMETRY

YEAR 9 MATHS LEARNING JOURNEY

Y9

ONE AND TWO STEP EQUATIONS

ONE AND TWO STEP INEQUALITIES

TESTING CONJECTURES

SURFACE AREA & VOLUME

NETS, PLANS AND ELEVATIONS

STRAIGHT LINE GRAPHS

PROBLEM SOLVING: INTEGERS AND DECIMALS

CALCULATING WITH FRACTIONS

LOCI & CONSTRUCTIONS

DEDUCTION

PERCENTAGES PROBLEMS

CONGRUENT SHAPES

MATHS AND MONEY

ROTATION

TRANSLATION

PROPORTION

RATIO

PYTHAGORAS' THEOREM

ENLARGEMENT

SIMILARITY

RATES

ALGEBRAIC REASONING

INDEPENDENT PROBABILITY

PROBABILITY: EXPECTED OUTCOME

YEAR 10 MATHS LEARNING JOURNEY

Y10

NON CALCULATOR
METHODS

ACCURACY

INDICES AND ROOTS

FORM AND SOLVE
INEQUALITIES

FORM AND SOLVE
EQUATIONS

WORKING WITH
CIRCLES

CALCULATING
AVERAGES

EXPANDING
EXPRESSIONS

FACTORISING
EXPRESSIONS

SYMMETRY AND
TRANSLATIONS

WORKING WITH
BEARINGS

CALCULATING ANGLES

ENLARGEMENT

CALCULATING
PERCENTAGES

PERCENTAGE PROBLEMS

DEPENDENT PROBABILITY

INDEPENDENT
PROBABILITY

USING RATIOS AND
FRACTIONS

CHANGING THE
SUBJECT

TRIGONOMETRY

DIRECT PROPORTION

INTERPRETING DATA

REPRESENTING DATA

INVERSE PROPORTION

CONSTRUCTIONS

LOCI

YEAR 11 MATHS LEARNING JOURNEY

