

## Level 3 to 5 Pathways Overview

$>$ Benchmarks have been highlighted using the kite bullet
$>$ Benchmarks that are underlined are the responsibility of all subjects Significant Aspects of Learning (SAD) for each level is in bold SAL for Level 5 relate to content of Unit Assessments.
(4) indicates topics which are benchmarked at level 4 but we feel should be included as part of level 3

| Topic |  | $3^{\text {rd }}$ Level Upper |  | 4th Level Core | $4^{\text {th }}$ Level Upper | Level 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - 1 $\infty$ 0 0 0 0 0 0 | Whole <br> Numbers <br> MNU 303a <br> Rounding/ <br> Estimate <br> MNU 301a <br> Number <br> Operation <br> Calculation <br> MNU 303b | Recap $x / \div$ by single digit \& 10/100/1000 (and multiples of) <br> Long Multiplication <br> Long Division <br> Large Numbers (millions, billions,) <br> Rounding to 1 fig of accuracy then estimating an answer to a sum. | Whole <br> Numbers <br> MNU 4-03a <br> Calculations <br> MTH 4-03b <br> Scientific <br> Notation <br> MTH 4-06b | ○ +, -, $x$ and $\div$ in context <br> $\circ+,-, x$ and $\div$ of Integers <br> $>$ Order of Ops (BODMAS) <br> $>$ Large numbers $\rightarrow$ sci notat <br> $>$ Small numbers $\rightarrow$ sci notat <br> - Real life contexts (e.g. distances in space, microbiology, etc ) <br> Interprets \& solves multi-step problems using the 4 operations | - Recap $x / \div$ by single digit \& 10/100/1000 (and multiples of) and $+/-/ x \div$ integers <br> Sci notation $\rightarrow$ normal <br> - Order numbers in scientific notation. <br> > Order of Operations involving indices (BIDMAS). <br> Calculations using scientific notation (including using a calculator). | Simplifying surds Rationalising the denominator (non conjugate) <br> - Function notation - including surds |
|  | Decimals MNU 307a (part) <br> MNU 301a (part) | - Recap of basic decimals <br> Rounding to 1, 2, and 3 d. p . <br> Rounding in context <br> $\mathrm{x} / \div$ by multiples of 10 , 100, 1000 <br> Uses rounding to routinely estimate the answers to calculations. | Rounding \& Accuracy MNU 4-01a <br> Fractions, Decimals \& \%s MNU 4-07a | - Recap rounding whole numbers to nearest whole/10/100/1000 <br> > Recap rounding decimals to 1/2/3 d. p. <br> - Round to 1 fig of accuracy <br> > Calculations involv rounding <br> - Money calculations (trailing zero) <br> > x decimals together <br> - $\div$ two decimals together | Rounding to spec Sig fig <br> +/- decimals (gaps) <br> $\mathrm{x} / \div$ decimals by multiples of 10/100/1000 <br> - Express one number as a \% of another <br> \% inc/dec (incl VAT) <br> Simple interest <br> Tolerance in Number? | - Revise rounding to a given number of sig figs <br> - Revise expressing one value as a \% of another Reverse \%s <br> Appreciation/depreciation involving compound interest |
| $\begin{aligned} & \omega \\ & 1 \\ & \text { + } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | Data <br> Handling <br> MTH 321a | - Recap Bar/Line Graphs, Pictograms Interpret/Construct Pie Charts (using \%s) Mean and Range Collects data by choosing a representative sample to avoid bias Organises and displays data appropriately in a variety of forms making effective use of technology as appropriate | Statistics MNU 4-20a, MTH 4-21a MTH 4-20b | > Draw/Interpret Bar Graphs \& Histograms <br> > Construct frequency table with class/group intervals Draw/Interp simple Pie Charts ( ${ }^{\circ}$ s) <br> Making/Interpreting Stem \& Leaf Diagrams <br> - Finding Mean, Median, Mode and Range (and their appropriate use) <br> Discrete/continuous data freq v grouped freq; bar v histogram? <br> Appropriate stat diagrams | - More complicated Pie charts <br> - Mean from a frequency table <br> - Stem \& leaf <br> > Drawing/Interpreting <br> Boxplots \& Dotplots <br> - Construct Scattergraphs <br> - Line of Best fit <br> Correlation terms <br> Interpolation/Extrapolation <br> Justify the most appropriate statistical diagram to display a given data set <br> - Median from Stat diagram | - Tables with $\geq 5$ categories of info. <br> Charts/tables with values missing or scale not obvious 5 figure summary ( $\mathrm{Q}_{1}, \mathrm{Q}_{3}$ ) Boxplots SIQR <br> Standard deviation <br> Dot plots <br> Revise scattergraphs <br> Determine the equation of best fitting straight line Estimate y given $x$ |
| 8 | Block 1 Test | Misleading Statistics Project |  |  | Application of Mathematics in the world of work |  |


| Topic |  | $3^{\text {rd }}$ Level Upper |  | $4^{\text {th }}$ Level Core | $4^{\text {th }}$ Level Upper | Level 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Time <br> MNU 210a <br> MNU 210b <br> MNU 210c <br> Speed, Dist and Time MNU 310a | Harder time intervals (how many days?) <br> Reading timetables Basic S/D/T calcs <br> - Decimal time ( $1 / 2,1 / 4$, $3 / 4$ ) <br> - D/T graphs | Time <br> MNU 4-10a <br> Distance, <br>  <br> Time <br> MNU 4-10b | Time intervals - across midnight \& time zones Simple S, D, T calculations Decimal Time (extend to $3^{\text {rd }}$ $10^{\text {th }} \& 20^{\text {th }}$ ) S, D, T calculations (including involving decimal time.) | - Convert between hours \& hours/mins (any). <br> S, D \& T calculations involv decimal fraction hours. <br> Time intervals (hrs/days/months) <br> - Journey Planning (including stop-overs) | - Revise S, D, T calculations |
|  | Frac \& \%s MNU 307a (revisit) <br> Fraction Manipulation MTH 307b <br> Mixed <br> Numbers <br> MTH 307c | Recap equivalent frac/dec/\%s, <br> fractions/\%s of quantities, simplifying. <br> Extend eg 35\%(n-calc) <br> \%s on the calculator <br> Simp/Equiv fractions <br> $12 / 9$, etc <br> Order Dec, \%, Frac <br>  <br> Decimals <br> +/-simple fractions <br> (diff denominator) | Fractions, Decimals \& \%s MNU 4-07a <br> Fractions MTH 4-07b | - Recap basic fractions \& percentages of quantities Convert frac $\leftrightarrow \mathrm{dec} \leftrightarrow \% \mathrm{~s}$ Comparing the above (including deciding on appropriate use) $+\&-$ of proper fractions \& mixed number fractions <br> $>\mathrm{x}$ of proper fractions <br> $>x$ of wh no. and mixed no. fractions | Application - choosing best format to use <br> Calculates the \% inc/dec of a value <br> Make comparisons, decisions \& choices based on above <br> - Simple Interest <br> - Recap prop $\leftrightarrow$ improper frac Recap +/-/x fractions $\div$ Fractions (both types?) Problem Solving involving 4 operators in fractions | - Find \% \& fractions of shapes and quantities. <br> - Recognise \& use mixed fractions. <br> - Compound Interest <br> - +///X/ $\div$ mixed no fractions. <br> - Algebraic fractions - 4 operators <br> - Reducing an algebraic fraction to its simplest form |
| $\begin{aligned} & \text { o } \\ & \text { o } \\ & \text { od } \\ & \frac{\mathbf{D}}{0} \\ & \text { oin } \end{aligned}$ | Angles properties/ triangles MTH 317a | - Recap naming, supp, comp, F, Z, X, angles in a $\Delta \&$ round a point <br> $>$ Angles in Quadrilaterals (incl at intersection of diags) | Angles in a Circle MTH 4-17a | - Recap from $3^{\text {rd }}$ Level Upper <br> - Angle between hands on analogue clock Isosceles Triangles (2 radii \& chord) in a circle <br> - Angles in a Semi-circle | - Recap from $3^{\text {rd }}$ Level Upper Angle between $r$ and tan \& use it to find missing angles Applies knowledge of $\triangle s, s$ and Os (incl $>\mathrm{s}$ ) to solve problems | - Recap from $4^{\text {th }}$ level. <br> - Relationships between the centre, chord and perpendicular bisector <br> - Interior \& exterior angles of polygons |
|  | $\begin{aligned} & \hline \text { Symmetry } \\ & \text { MTH 319a } \end{aligned}$ | - Recap draw/indentify lines of symmetry in 2D shapes <br> - Harder line symmetry oblique and double mirror lines | Symmetry MTH 4-19a <br> Coordinates MTH 4-18a <br> Transform of Shapes <br> MTH 4-18b | - Recap Line Symmetry Rotational Symmetry (order/fraction, complete diagram) <br> Reflections and Translations of points or shapes on a coordinate grid. | - Recap line/rotation symmetry <br> Identify centre of rotational symmetry <br> > Translations and Reflections of points or shapes on a coord grid (mapping notation A $\rightarrow \mathrm{A}^{\prime}$ ) | Trig Graphs including transformations (sin or cos, amplitude, vert translation, multiple angle, phase angle) <br> - Trig identities |
| 8 | Block 2 Test | Budgeting |  |  | Personal Finance and Debt Management |  |


|  |  |  |  | $3^{\text {rd }}$ Upper $/ 4^{\text {th }} / 5^{\text {th }}$ Levels Curricular Pathways Overview |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Topic } \\ & \text { Time } \end{aligned}$ |  | $3^{\text {rd }}$ Level Upper |  | $4^{\text {th }}$ Level Core | $4^{\text {th }}$ Level Upper | Level 5 |
| $\begin{aligned} & \infty \\ & \infty \\ & \infty \\ & 0 \\ & \frac{0}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\circ}{n} \end{aligned}$ | Coords <br> (4 quads) <br> MTH 318a <br> Negative Nos incl manipulation MNU 304a | 4 - Four Quads (recap) <br> Plot \& join pts to produce shapes, patterns, etc. in all quads <br> +/- integers <br> $\mathbf{x} / \div$ integers |  <br> Straight Lines <br> MTH 4-13b, <br> MTH 4-13c <br> MTH 4-13d | Gradient ( $\mathbf{v} \div \mathbf{h}$ ) incl coords Plotting $y=a x$ and $y=a x \pm b$ from table of values to form str lines Gradient problems in context (does ramp meet regulations?) Using Lines to estimate. Horiz \& Vertic Lines (name/gradient) | - Gradient formula <br> Interpret m and c (+/-/Ramps) <br> Eqn of st line - 2 coords \& c <br> Sig of point of intersection $\mathrm{m}_{1}=\mathrm{m}_{2}$ <br> Revise $\mathbf{y}=\mathrm{a}, \mathrm{x}=\mathrm{b}$ (inc plot) <br> - Graph of parabola (incl line of symmetry) | - Recap $y=m x+c$ <br> - Use of $y-b=m(x-a)$ <br> - Identify gradient/y-intercept from $y=m x+c$ <br> - Identify gradient/y-intercept from $a x+b y+c=0$ or equivalent |
|  | Measure Units <br> MNU 211a/b <br> Measure MNU 311a part | ```Extend to further S.I. units: kg}\leftrightarrow\mathrm{ tonnes ml }\leftrightarrowlitre mg}\leftrightarrow\mathbf{g``` | Measure MNU 4-11a | Tolerance <br> Demonstrates that the context of the question needs to be considered when rounding | Effects of premature rounding Demonstrates understanding of the impact of truncation and premature rounding | - Inter-relationship between units in different families. <br> Use vocabulary associated with measurement to make comparisons for length, weight, volume \& temperature. |
| $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \text { o } \\ & \stackrel{0}{0} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \end{aligned}$ | Areas of 2D <br> Shape <br> MNU 311a <br> Compound shapes <br> MTH 311b <br> Circles <br> MTH 4-16b | - Recap A/P composite rectangular shapes <br> (4) A/C of a circle <br> $>4-\mathrm{P} / \mathrm{A}$ of $\diamond \mathrm{s}$, parallelo and trapeziums | Circles <br> MTH 4-16b <br> Surface <br> Area <br> MTH 4-11b | 4 - P/A of $\diamond s$, parallelo and trapeziums with inconsistent units <br> $\Rightarrow$ Finding $\mathrm{d} / \mathrm{r}$ given C <br> $>$ S. A. of Cubes \& Cuboids <br> - Composite shapes combination of $\triangle, \boldsymbol{\square}$, O's, etc. | Using formulae: <br> $>$ S. A. of $\triangle$ Prisms, $\square$-based Pyramids <br> $>$ Finding $d / r$ given $A$ <br> - CSA of a cylinder <br> > S.A. of cylinder <br> - Cost effective wrapping/nets | Calculate the arc length/area of a sector of a circle. Finding an angle of a sector |
|  | Volume MNU 311a (revisit) <br> Volume of compound MTH 311b (revisit) | $\begin{array}{\|l} \hline \frac{\text { Vol of cuboid/cube }}{\text { using formulae }} \\ \text { (inconsistent units) } \\ \circ \text { Vol of compound 3D } \\ \text { shapes (some lengths } \\ \text { missing) + practical } \\ \text { contexts } \\ \hline \end{array}$ | Volume MTH 4-11c | Def of a prism (names) <br> Vol of a Prism V = Ah (A given) <br> Volume of a Cylinder. <br> Capacity (1litre $=1000 \mathrm{ml}, 1 \mathrm{ml}=$ $1 \mathrm{~cm}^{3}$ ) | Vol of prism (A not given) Volume of $\triangle$ Prism using formula <br> - Prob Solv inv Vol of Prism (incl finding $r$ or $h$ ) | - Recap vol of cylinder and prism. <br> Calculate the volume of a standard solid - sphere, cone, pyramid <br> - Interpret results of measurement involving temp. |
| $\begin{aligned} & \stackrel{\rightharpoonup}{n} \\ & \dot{\infty} \\ & 0 \\ & \stackrel{0}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & i n \end{aligned}$ | Algebra Collecting like terms/ substitution MTH 314a <br> Algebra Equations MTH 315a | - Collect like terms (incl $x^{2}$ ) <br> - Revise BIDMAS <br> Substitution (extend to integer \& $\mathrm{C}=0.05 \mathrm{~m}+75$ ) <br> - Recap solving $x+b=c$, ax=b (integer solutions) <br> Solve equations $a x+b=c$ <br> - 4 - Inequality symbols | Expressions MTH 4-14a <br> Equations \& Inequalities MTH 4-15a | - Collect like terms (incl $x^{2}$ ) <br> Subst - extend to brackets <br> Br Brackets (numeric multiplier) <br> Break Brackets \& Simplifying <br> Recap Solv equations ( $a x+b=c$ ) <br> Solving more complex <br> equations $a x+b=c x+d(x>0)$ <br> Simple ineq $-x>3$ from closed intervals | $>$ Eqns involving brackets <br> > Br Brackets algebraic multiplier <br> - Double bracket (incl indices) <br> - Solve Eqns - integers/fractions <br> > Simple inequalities ( $a x+b<c$ ) <br> $>$ Solves problems by expressing the given info appropriately as an equation, inequality or formula | - Recap algebraic expressions involving expansion of brackets <br> Short-cut for squaring a bracket Completing square in quad $\exp$ with unitary $x^{2}$ coeff. Equations involving fractions Inequalities (reverse symbol) |
| 8 | Block 3 Test | Famous Mathematicians and their impact Project. |  |  |  |  |


| Topic |  | $3^{\text {rd }}$ Level Upper |  | $4^{\text {th }}$ Level Core | $4^{\text {th }}$ Level Upper | Level 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\omega} \\ & \dot{0} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & \stackrel{\circ}{0} \end{aligned}$ | Multiples / Factors MTH 305a <br> Primes <br> MTH 305b <br> Powers <br> MTH 306a | > Solves problems using multiples and factors <br> > Prime factors/Decompos <br> > Express wh nos as powers e.g. 27=3 ${ }^{3}$ <br> - $\sqrt[2]{x}$ and $\sqrt[3]{x}$ (mentally) | Factors <br> MTH 4-14b <br>  <br> Roots <br> MTH 4-06a | $\circ$ Recap HCF <br> $>$ Factorising simple expressions <br>  using common numerical factor <br> $>$  <br>  Recap Squared/Cubed/Root <br>  <br> extend to $\sqrt{9}= \pm 3$ <br> $>$ <br> Higher whole number powers <br>  <br> and roots  <br> $>$ Substitution into quadratic <br> equation | Algebraic Factors <br> Difference of 2 squares <br> Higher whole number powers Using the calculator for powers \& roots (square \& cube) <br> - Draw graphs of quadratic from tables | Recap factorising from 4U <br> Trinomials with $\mathrm{ax}^{2}$ where $\mathrm{a}=1$ Quadratic equations <br> Quadratic formula <br> Discriminant <br> Laws of indices |
|  | Properties of 2D Shapes MTH 317a (revisit) <br> Drawing 2D Shapes MTH 316a | - Recap properties of triangles and quadrilaterals <br> - Extend to kite/rhombus diagonal properties <br> - Extend to parallelogram trapezium diagonal properties <br> - Revisit draw shapes | Pythagoras <br> MTH 4-16a <br> (part) <br> SOH-CAH- <br> TOA <br> MTH 4-16a <br> (revisit) | 'Hypotenuse' definition Pythagoras' Theorem finding hyp Pythagoras' Theorem finding shorter side <br> Trigonometry - find an angle | - Recap Pythagoras <br> - Pythagoras in Isosceles \& Equilateral Triangles <br> - Pythagoras on coordinate plane <br> Trigonometry - find a side | Converse of Pythagoras <br> Determining co-ords from 3D diagram Pythagoras in 3D Sine Rule Cosine Rule Area $=1 / 2 a b \sin C$ |
|  | Producing formula <br> MTN 315b <br> Number <br> Seq/rules <br> MTH 313a | - Recap Linear, Square \& $\Delta$, Sequences <br> - Cube numbers <br> - Recap simple (1-step) form <br> - Formulae from tables (two-step - in words) Express worded in algebraic notation e.g. standing charge + rate giving $\mathrm{C}=0.05 \mathrm{~m}+75$ etc. | Patterns <br> MTH4-13a | Recap Simple Formulae from Level 3 <br> Sequences for pictorial patterns (e.g. fence post) Making Formulae - in symbols for $\mathrm{n}^{\text {th }}$ term Using $\mathrm{n}^{\text {th }}$ term formulae to extend a sequence | Recap make and using Formulae (including working backwards) with appropriate symbols <br> Change subject: $G=x+a$ to $x$ $E=3 w-k$ to $w$ $\mathrm{A}=\mathrm{V} / \mathrm{h}$ to h $\mathrm{V}=\mathrm{IR}$ to I | Recap of $4^{\text {th }}$ level Extend 'change the subject' to formulae involving roots and powers |
|  | Proportion \& Ratio MNU 308a | > Convert between different currencies <br> - Graphs of Direct Prop. (Ready Reckoners) <br> - Simple ratio calculation <br> - Simple scale using ratio | Ratio \& Proportion MNU 4-08a | $\circ$ Problem Solving - direct <br> proportion, foreign exchange <br> ratio calculations. <br> $\circ$ Sharing using ratio. <br> $\circ$ Inverse Proportion (basic) <br> $\circ$ Graph of direct proportion <br> $>$ <br> Uses knowledge of proportion <br> U solve problems in real-life  <br> $\frac{\text { thich involve changes in }}{\text { related quantities }}$  | Simultaneous Equations graphically, substitution, elimination - one co-eff equal <br> - Elimination - extend to changing co-eff(s). | Recap Sim Equations Construct sim equations from text. <br> Sketch graph of parabola Graph of $y=k(x+p)^{2}+q$ where $k= \pm 1$ <br> - Equation from graph - $y=k x^{2} \text { or } y=(x+p)^{2}+q$ |
| Block 4 Assessment |  |  |  |  |  |  |


| $\begin{aligned} & \hline \text { Topic } \\ & \text { Time } \end{aligned}$ |  | $3^{\text {rd }}$ Level Upper |  | $4^{\text {th }}$ Level Core | $4^{\text {th }}$ Level Upper | Level 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \vec{v} \\ & \dot{1} \\ & \text { No } \\ & \frac{0}{0} \\ & \overline{0} \\ & \text { in } \end{aligned}$ | Probability <br> MNU 322a | - Simple probability fraction, decimal, \%, ratio <br> Relationship between the freq of an event happening and the probability of it happening <br> > Use a given probability to calculate an expected outcome. <br> - Investigates real-life situations which involve making decisions on the likelihood of events occurring and the consequences involved | Probability <br> MNU 4-22a | Recap finding probability <br> Expected Frequency <br> - Modelling? | Use probability to make predictions: <br> - Risk assessment <br> - Choice/decision <br> - Misleading probability | - Recap finding probability <br> - Recap expected Frequency |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\infty} \\ & \dot{1} \\ & \stackrel{\rightharpoonup}{0} \\ & \frac{0}{1} \\ & \frac{0}{n} \end{aligned}$ | Enlarge / Reduce MTH 317c <br> Bearings / Maps MTH 317b | $>$ Recap Scale Drawing <br> $>$ Enlarging \& reducing regular/irregular shapes given a scale factor <br> > Uses bearings in a navigational context including creating scale drawing | Similar <br> Shapes <br> MTH 4-17b | - Scale Factors <br> > Finding unknown lengths using similarity <br> - Scale drawings involving bearings (acute \& obtuse angles) | - Use linear scale to enlarge/reduce shapes <br> - Finding unknown areas | Recap linear/area scales Finding unknown volumes Adding/subtracting vectors using components Adding/subtracting vectors using directed line segments Magnitude of a vector <br> Reverse Bearings Use of bearings within trig |


| Project | Outcome | Content |
| :---: | :---: | :---: |
| Misleading Statistics | Information Handling <br> MNU 320a <br> MTH 320b | $>$ Sources information or collects data making use of digital technology. <br> $>$ Interpret information from a variety of sources including internet, TV, newspapers <br> $>$ Interpret data presented as pictographs, line graphs, bar graphs, scatter diagrams, etc. <br> $>$ Misleading Data - assess (robust/vague/misleading) and explain (validity of source, scale used, sample size, method of presentation \& appropriateness of how the sample was selected). |
| Budgeting | Money <br> MNU 309a <br> MNU 309b | - Real life financial choices e.g. bank accounts, loans, credit, credit cards and cash back <br> - Investigate, compare \& explain financial contracts e.g. mobile phones, sky and broadband <br> - Living expenses and budgeting <br> $>$ Demonstrates understanding of best value in relation to contracts and services when comparing products. <br> $>$ Chooses the best value for their personal situation and justifies choices. <br> $>$ Budgets effectively, using digital technology where appropriate, showing development of financial capability. <br> $>$ Demonstrates knowledge of financial terms, for example, debit/credit, APR, pa, direct debit/standing order and interest rate. |
| Famous Mathemat icians | Famous Mathematicians MTH 312a | ○ Famous Mathematicians - Why are they famous? Where did they learn stuff? Who did they work with? How is their work relevant today? <br> Use a variety of methods to research, discuss \& present their contributions <br> Researches and communicates using appropriate mathematical vocabulary and notation, the work of a famous mathematician or a mathematical topic and explains the relevance and impact they have on society. |
| Personal Finance and Debt Managem ent | Personal Finance and Debt Management <br> MNU 409a <br> MNU 409c | $>$ Applies understanding of credit and debit in relation to earnings and deductions. <br> $>$ Uses budgeting skills to manage income effectively and justifies spending and saving choices. <br> $\rightarrow$ Calculates net income by selecting appropriate information. <br> > Compares a range of personal finance products. <br> $>$ Communicates the impact of financial decisions. <br> $>$ Applies knowledge of currency conversion to determine best value. |
| Mathemat ics - its impact | MTH 412a | Contributes to discussions and presentations on the role of mathematics in everyday life and in the workplace. <br> Investigates the mathematical skills required for a range of careers, including those in STEM subjects. |

