



PASS
FUNCTIONAL
SKILLS

Pass Functional Skills Maths Level 1 Course Curriculum Map

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Using Numbers

Topic	Specification Points
Numbers and Place Value	L1.1 Read, write, order and compare large numbers (up to one million)
	L1.2 Recognise and use positive and negative numbers
Ordering Numbers	L1.1 Read, write, order and compare large numbers (up to one million)
	L1.2 Recognise and use positive and negative numbers
Addition and Subtraction	L1.2 Recognise and use positive and negative numbers
	L1.11 Add, subtract, multiply and divide decimals up to two decimal places
Multiplication	L1.3 Multiply and divide whole numbers and decimals by 10, 100, 1000
	L1.4 Use multiplication facts and make connections with division facts
	L1.6 Calculate the squares of one-digit and two-digit numbers
Division	L1.3 Multiply and divide whole numbers and decimals by 10, 100, 1000
	L1.4 Use multiplication facts and make connections with division facts
BIDMAS	L1.7 Follow the order of precedence of operators
Fractions	L1.8 Read, write, order and compare common fractions and mixed numbers
	L1.9 Find fractions of whole number quantities or measurements

Decimals

- **L1.10**
Read, write, order and compare decimals up to three decimal places
- **L1.11**
Add, subtract, multiply and divide decimals up to two decimal places

Rounding and Estimating

- **L1.12**
Approximate by rounding to a whole number or to one or two decimal places
- **L1.15**
Estimate answers to calculations using fractions and decimals

Percentages

- **L1.13**
Read, write, order and compare percentages in whole numbers
- **L1.14**
Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof

Fractions, Decimals and Percentages

- **L1.16**
Recognise and calculate equivalences between common fractions, percentages and decimal

Ratio

- **L1.17**
Work with simple ratio and direct proportions

Proportion

- **L1.17**
Work with simple ratio and direct proportions

Formulas

- **L1.5**
Use simple formulae expressed in words for one or two-step operations

Measures, Shape and Space

Topic	Specification Points
Capacity	● L1.20 Convert between units of capacity in the same system
Weight	● L1.20 Convert between units of length, weight, capacity, money and time, in the same system

Time	L1.20 Convert between units of length, weight, capacity, money and time, in the same system
Problems Involving Money	L1.19 Calculate discounts in multiples of 5% on amounts of money
	L1.20 Convert between units of length, weight, capacity, money and time, in the same system
Interest and Compound Interest	L1.18 Calculate simple interest in multiples of 5% on amounts of money
Perimeter	L1.22 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles
Area	L1.22 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles
2D Shapes	L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles
Using Length, Area and Volume in Calculations	L1.22 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles
	L1.23 Calculate the volumes of cubes and cuboids
3D Shapes	L1.25 Interpret nets of simple 3-D shapes
Volume	L1.23 Calculate the volumes of cubes and cuboids
Nets	L1.25 Interpret nets of simple 3-D shapes
Plans and Elevations	L1.25 Interpret plans and elevations of simple 3-D shapes
Angles and Bearings	L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles
	L1.26 Use angles when describing position and direction, and measure angles in degrees

Maps and Scale Drawings



L1.21

Recognise and make use of simple scales on maps and drawings

Handling Data

Topic	Specification Points
Data Tables	 L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs
Bar Charts	 L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs
Line Graphs	 L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs
Pie Charts	 L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs
Grouped Data	 L1.28 Group discrete data and represent grouped data graphically
Mean, Median, Mode and Range	 L1.29 Find the mean and range of a set of quantities
Probability	 L1.30 Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events  L1.31 Use equally likely outcomes to find the probabilities of simple events and express them as fractions