



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

## Measures, Shape and Space

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



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## 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

## Measures, Shape and Space

Topic	Specification Points
Data Tables	<ul style="list-style-type: none"> <li>● L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs</li> </ul>
Bar Charts	<ul style="list-style-type: none"> <li>● L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs</li> </ul>
Nets	<ul style="list-style-type: none"> <li>● L1.25 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs</li> </ul>
Plans and Elevations	<ul style="list-style-type: none"> <li>● L1.25 Interpret plans and elevations of simple 3-D shapes</li> </ul>
Angles and Bearings	<ul style="list-style-type: none"> <li>● L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles</li> <li>● L1.26 Use angles when describing position and direction, and measure angles in degrees</li> </ul>
Maps and Scale Drawings	<ul style="list-style-type: none"> <li>● L1.21 Recognise and make use of simple scales on maps and drawings</li> </ul>

## Handling Data

Topic	Specification Points
Data Tables	<ul style="list-style-type: none"> <li>● L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs</li> </ul>



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## 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