

NUMERACY

Being able to recognise, engage with and use numeracy in everyday life involves a combination of practical skills, experience and 'willingness to use'. The framework below offers a summary of some of the aspects of this capability, but it is not intended to be exhaustive or prescriptive. The table overleaf shows how providers may support learners to develop their numeracy skills from Entry Level to Level 2.¹

Key Themes in Numeracy: Personal, Community and Engagement

Personal

- Read, write and recognise numbers
- Speaking about and with numbers
- Working with numbers
- Finding numerical information
- Money and finance*
- Using number to describe the world
- Develop confidence
- Readiness to engage with maths

Community

- Local services
- Sources of information
- Navigating your community
- Support others to develop skills
- Engage with local community
- Financial planning
- Communicating information
- Understand numbers in the community and the media

Engagement

- Understand risk and return
- Understand economic principles
- Understand and use probability
- Using maths to ask and answer questions
- Scheduling and planning
- Maths in the workplace
- Using numbers for specific purposes

Please contact Learning and Work Institute for further details on Numeracy
- www.learningandwork.org.uk/citizens-curriculum or email: citizenscurriculum@learningandwork.org.uk

¹ This framework has been compiled with reference to the Functional Skills Mathematics Criteria, Critical Maths and accredited qualifications found on the Ofqual Register of Regulated Qualifications. Contact Learning and Work for further details on accreditation options.

* Finance forms a marginal part of this guidance document as it is covered in more detail in the Financial Capability

Entry Level

Level 1

Level 2

Number

- Add and subtract three-digit numbers
- Solve problems using multiplication and division by 2, 3, 4, 5, and 10
- Round to the nearest 10 or 100

Measure, Shape and Space

- Recognise and name 2D and 3D shapes and their properties
- Use metric units in everyday situations

Handling Data

- Extract, use and compare information from lists and tables
- Identify and understanding graphs and charts

Number

- Understand and use whole numbers and negative numbers
- Add, subtract, multiply and divide whole numbers
- Understand equivalences between fractions, decimals and percentages

Measure, Shape and Space

- Understand money, time, length, weight, capacity and temperature measures
- Convert measures in the same system

Handling Data

- Extract, use and compare information from graphs, charts and tables
- Collect and record data
- Use statistical measures including mean and range

Number

- Understand and use positive and negative numbers, including decimal places
- Convert between fractions, decimals and percentages
- Understand formulae and equations

Measure, Shape and Space

- Recognise and use 2D representations of 3D objects
- Find area, perimeter and volume of shapes
- Use area, perimeter and volume to create representations of shapes

Handling Data

- Collect and represent data, using ICT where appropriate
- Use and interpret statistical measures
- Understand and use probability

USEFUL WEBSITES:

familymathstoolkit.org.uk
Maths Mentor Handbook

maths.excellencegateway.org.uk

mathseverywhere.org.uk