

Adult Skills & Family Learning in Lincolnshire
Course Overview

Introduction to Numeracy in Industry

An intertwining of basic Maths skills with a relevance to the workplace. On this course you will take an in-depth look at all the Maths skills you will need in your everyday life and see how they work when set within real employment contexts.

Course learning outcomes:

1. **Identify** values of digits in numbers (4, 5, 6 digits), **be able to count** in 10s, 100s, 1,000s and **be able to round** to the nearest 10, 100, 1,000
2. **Use** estimation to check answers are realistic. **To be able to calculate** using subtraction/addition. **Be able to use** the inverse to check calculations. **Recognise** and **use** appropriate symbols for addition and subtraction
3. **Multiply** digits (1x1, 2x1 or 3 digit by 1 digit). **Use** addition to check multiplication calculations. **Use** estimation to check for realistic answers. **Divide** 2 digit whole numbers by single digit whole numbers. **Use** the inverse (division/multiplication) to check for accuracy. **Recognise** and **use** appropriate vocabulary and symbols for multiplication and division
4. **Identify** the numeracy elements of a simple word problem. **Use** algebra to solve simple word problems. **Check** results of calculations.
5. **Identify** and **write** common fractions in words and figures. **Find** fractions of quantities of items. **Match** equivalent fractions
6. **Identify** the use of decimals in every day and work situations. **Identify** the purpose of the decimal point- 10ths, 100ths. **Use** a calculator to solve problems which include whole numbers and decimals
7. **Use** money in decimal notation. **Check** answers with and without a calculator. **Work out** costs for purchasing multiple items. **Work out** costs for simple budgets. **Estimate** costs using rounding. **Check** costs with and without a calculator
8. **Measure** time in 12 and 24 hour formats. **Identify** measures of time using popular formats

Duration: 6 Learning Hours