

Essential Skills Wales

APPLICATION OF NUMBER

Important notes:

1. Each level of the skill incorporates and builds on the previous level.
2. This document must be read in association with the documents 'Amplification of evidence requirements' and 'Application of Number Mandatory Definitions' which provide mandatory detail about each component and are a constituent part of the standards.

Entry level 2

This is about demonstrating your skills in:

- understanding numerical data
- carrying out calculations
- interpreting results and presenting findings

in order to tackle problems or tasks that you meet in education, training, work and social roles.

NE2.1 Understand numerical data

You must provide evidence that you can:

NE2.1.1

Confirm that you understand a given practical problem or task involving numbers, measures and simple shapes.

NE2.1.2

Confirm how you will tackle it.

NE2.1.3

Read, understand and record data from two different sources to meet the purpose of your task.

Your sources must include a simple diagram.

In order to show that you are competent, you need to know how to:

- check with an appropriate person that you understand the problem or task and how you will tackle it
- read, understand and extract information given by numbers, symbols, lists, simple tables, simple diagrams, charts and block graphs in numerical and written material
- read and record time in common date formats, and understand time displayed on analogue and 12-hour digital clocks in hours, half hours and quarter hours
- make numerical comparisons from block graphs
- use whole numbers and simple fractions to measure and make observations
- collect simple numerical information to help your understanding
- read simple scales to the nearest labelled division
- use shape and space to record simple information
- use information from lists, tables, simple diagrams and block graphs to help your understanding

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- follow a given process or routine to increase your understanding.

NE2.2 Carry out calculations

You must provide evidence that you can:

NE2.2.1

Use the data you have obtained to carry out calculations to do with amounts or sizes that are relevant to your task.

In order to show that you are competent, you need to know how to:

- use methods you have been given
- work to the levels of accuracy you have been given
- count reliably up to 20 items
- read, write, order and compare whole numbers up to 100
- add and subtract two-digit whole numbers
- multiply using single-digit whole numbers
- recall addition and subtraction facts to 10
- approximate by rounding to the nearest 10
- use and interpret +, −, x and = in practical situations for solving problems
- read, write and compare halves and quarters of quantities
- find halves and quarters of small numbers of items or shapes
- make amounts of money up to £1 in different ways using 1p, 2p, 5p, 10p, 20p and 50p coins
- calculate the cost in pence of more than one item, and the change from a transaction
- calculate the cost in whole £s of more than one item, and the change from a transaction
- estimate, measure and compare length, weight and capacity using common standard and non-standard units
- read and compare positive temperatures in everyday situations
- recognise and name 2-D and 3-D shapes, including triangles, cylinders and pyramids
- describe the properties of common 2-D and 3-D shapes
- sort and classify objects using two criteria
- use positional vocabulary
- represent information so that it makes sense to others
- use a calculator and methods you have been given to check your calculations
- correct any errors
- check that your results make sense.

NE2.3 Interpret results and present findings

You must provide evidence that you can:

NE2.3.1

Present your findings.

NE2.3.2

Describe how your results meet the purpose of your task.

In order to show that you are competent, you need to know how to:

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- use whole numbers, common fractions, measures, lists, simple tables, simple charts, simple diagrams, and symbols as appropriate to present your results
- use common units of measure to define quantities
- describe how your results meet the purpose of your task.

Access statement

Candidates with particular disabilities may be unable to show that they are competent by providing all their evidence in the form specified in these standards.

For such candidates, reasonable adjustments to the evidence requirements may be allowed in appropriate circumstances. In some cases, exemptions may be permissible. Further detail on reasonable adjustments and exemptions for candidates with particular disabilities can be found in a separate amplification document.