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## Working with Materials (National 3)

**SCQF:** level 3 (6 SCQF credit points)

**Unit code:** H25H 73

### Unit outline

The general aim of this Unit is for learners to develop skills in working with different woodworking and/or metalworking materials. Learners will develop skills in cutting, shaping, fixing and joining materials, using a variety of appropriate craft techniques. Through these activities, learners will also gain an understanding of good practice in sustainability and recycling, as well as an appreciation of safe working practices in a workshop context.

Learners who complete this Unit will be able to:

- 1 Identify a variety of materials used in practical woodworking and/or metalworking
- 2 Work with a selected range of materials to complete basic woodworking and/or metalworking tasks

This Unit is a mandatory Unit of the National 3 Practical Craft Skills Course and is also available as a free-standing Unit. The Unit Specification should be read in conjunction with the *Unit Support Notes*, which provide advice and guidance on delivery, assessment approaches and development of skills for learning, skills for life and skills for work. Exemplification of the standards in this Unit is given *in Unit Assessment Support*.

## **Recommended entry**

Entry to this Unit is at the discretion of the centre. However, learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- ◆ National 2 Practical Craft Skills Course or relevant Units

In terms of prior learning and experience, relevant experiences and outcomes may also provide an appropriate basis for doing this Unit.

## **Equality and inclusion**

This Unit Specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence. For further information, please refer to the *Unit Support Notes*.

# Standards

## Outcomes and assessment standards

### Outcome 1

The learner will:

- 1 Identify a variety of materials used in practical woodworking and/or metalworking by:**
  - 1.1 Identifying basic materials, using correct names and terminology
  - 1.2 Selecting, with guidance, materials appropriate for the task
  - 1.3 Describing good practice in sustainability and recycling

### Outcome 2

The learner will:

- 2 Work with a selected range of materials to complete basic woodworking and/or metalworking tasks by:**
  - 2.1 Selecting and preparing, with guidance, appropriate materials for the task
  - 2.2 Cutting and shaping, with guidance, selected materials in accordance with the task,
  - 2.3 Using appropriate craft techniques, with guidance, to fix and join materials
  - 2.4 Using tools and materials in accordance with recognised procedures and safe working practices

## Evidence Requirements for the Unit

Assessors should use their professional judgement, subject knowledge and experience, and understanding of their learners, to determine the most appropriate ways to generate evidence and the conditions and contexts in which they are used.

In this Unit, Evidence Requirements are as follows.

Evidence will be primarily observational and physical in nature. Evidence may be presented for individual Outcomes or it may be gathered for the Unit as a whole through combining assessment in one single activity. If the latter approach is used, it must be clear how the evidence covers each Outcome.

For this Unit, learners will be required to provide evidence of:

- ◆ knowledge and understanding of a variety of woodworking and/or metalworking materials
- ◆ the ability to cut, shape, fix and join a selected range of materials (metal and/or wood) using appropriate craft techniques
- ◆ knowledge and understanding of good practice in sustainability and recycling in a practical craft context
- ◆ the ability to work in accordance with recognised procedures and safe working practices

Learners at National 3 are expected to require a reasonable level of guidance and support throughout practical activities.

Exemplification of assessment is provided in *Unit Assessment Support*. Advice and guidance on possible approaches to assessment is provided in the *Unit Support Notes*.

## **Development of skills for learning, skills for life and skills for work**

It is expected that learners will develop broad, generic skills through this Unit. The skills that learners will be expected to improve on and develop through the Unit are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Unit where there are appropriate opportunities.

### **2 Numeracy**

2.2 Money, time and measurement

### **5 Thinking skills**

5.2 Understanding

5.3 Applying

Amplification of these is given in SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work*. The level of these skills should be at the same SCQF level of the Unit and be consistent with the SCQF level descriptor. Further information on building in skills for learning, skills for life and skills for work is given in the *Unit Support Notes*.

# Administrative information

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**Superclass:** XA

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## History of changes to National Unit Specification

Version	Description of change	Authorised by	Date

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