



SURVIVAL SCHOOL COURSE

NCFE CQ

LEVEL 3

WOOD CARVING COURSE

LEARNING OUTCOMES

Learning Outcomes:

The learner will:

Be able to analyse which tools and what wood to select for a wood carving project.

The learner can:

1.1

- a. Apply their knowledge of toxic and non-toxic tree species.
- b. Critically compare common and rare tree species.
- c. Analyse the condition of wood for use in a wood carving project.
- d. Assess the affordance of the fuel in the short and long terms with a view to multiple visits.

The learner will:

Be able to distinguish the risks involved with wood carving.

The learner can:

1.2

- a. Explain Health and Safety implications involved in wood carving.
- b. Explain the PPE required for wood carving.
- c. Produce a risk assessment for wood carving.
- d. Explain the laws that relate to wood carving tools and products.

The learner will:

Be able to clarify the condition of the wood for use in a wood carving project.

The learner can:

1.3

- a. Critically compare the differences between green and dead wood.
- b. Analyse how wood is constructed.
- c. Prepare a piece of wood in the context of a project.

Range (explanation)

This unit contains information about the selection of wood samples and tree species for a carving project. Taxonomy and toxicology is covered to ensure the safety of carvers. Health and safety is also a significant part of this unit. Tool selection for specific projects is highlighted, especially in the context of safety and results.

Internal Assessment Guidance – Unit 01:

Learning Outcome:

Number	Type of evidence	Additional information (if applicable)
1.1.a, b, c, d	Q/A and D	
1.2.a, b, c, d	Q/A and D	
1.3.a, b, c	Q/A and D	

Q/A Question and Answer, PD Practical Demonstration, D Discussion

Learning Outcomes:

The learner will:

Understand the use of a range of carving tools.

The learner can:

2.1

- a. The learner can analyse the most suitable tool for each stage of a carving project.
- b. The learner can distinguish the benefits of using safe and sharp tools.
- c. The learner can clarify the methodology employed with each tool.
- d. The learner can critically compare the differences in methodology between green and dead wood.
- e. The learner can discuss the results of using the tools across and with the grain.

The learner will:

Understand the hazards associated with each tool.

The learner can:

2.2

- a. Explain the hazards associated with axe use.
- b. Explain the hazards associated with knife use.
- c. Explain the hazards associated with crook knife use.
- d. Explain the hazards associated with gouge use.
- e. Explain the hazards associated with sand paper use.

The learner will:

Be able to evaluate the safe use of a range of cuts employed in wood carving.

The learner can:

2.3

- a. Produce stop cuts.
- b. Implement bark peeling.
- c. Implement cutting across and with the grain.

- d. Produce pointing.
- e. Produce bevelling.
- f. Produce notches.
- g. Explain battening.
- h. Explain splitting.
- i. Explain trimming.
- j. Explain cutting to length.

The learner will:

Critically compare the grips associated with cutting tool use.

The learner can:

2.4

- a. Explain the fore hand grip.
- b. Implement the back hand grip.
- c. Implement the chest lever.
- d. Implement the re-enforced grip.
- e. Implement choking on the blade and handle.
- f. Implement the use of a log to make a draw knife.

Range (explanation)

This unit is designed to enable learners to use the tools that have been selected for a project. A range of grips and cutting techniques are demonstrated and copied within the context of a project.

Internal Assessment Guidance – Unit 02:

Learning Outcome:

Number	Type of evidence	Additional information (if applicable)
2.1.a-e	Q/A, PD and D	
2.2.a-e	Q/A, PD and D	
2.3.a-j	Q/A, PD and D	
2.4.a-f	Q/A, PD and D	

Q/A Question and Answer, PD Practical Demonstration, D Discussion

Unit 03 Planning a wood carving project

Learning Outcomes:**The learner will:**

Be able to analyse how a project is planned.

The learner can:

3.1

- a. Produce the correct size and species of wood for a project.
- b. Analyse the ecological benefits of sourcing green and dead wood.
- c. Explain the primary preparation for a wood sample.
- d. Critically compare the benefits of through cutting and quartering.
- e. Implement the marking out of the project on the wood.
- f. Implement the roughing out process.
- g. Implement how to mark out the shape of the project's intended outcome.
- h. Clarify the phases of project completion.
- i. Differentiate the tool requirements for a project.
- j. Analyse the likely costs of a project in the context of wood and tools.
- k. Critically compare the benefits of a range of sand papers.
- l. Critically compare the benefits of a range of suitable oils.

Range (explanation)

This unit is designed to prepare the learner for a carving project from initial concept to completion.

Internal Assessment Guidance – Unit 03:**Learning Outcome:**

Number	Type of evidence	Additional information (if applicable)
3.1.a-l	Q/A, PD and D	

Q/A Question and Answer, PD Practical Demonstration

Unit 04. Wood Carving

Learning Outcomes:**The learner will:**

Implement the process of a wood carving project.

The learner can:

4.1

- a. Prepare a work space for a wood carving project.

The learner will:

Know how to remove wood in a reductive process.

The learner can:

4.2

- a. Critically compare the suitable tools for removing the majority of the wood for a project.
- b. Explain how to remove most of the wood in a project using stop cuts and battening.
- c. Explain how to split wood in a controlled method using stop cuts.
- d. Explain how to remove wood by cutting across and along the grain.
- e. Explain how to remove wood by cutting along ridges.

The learner will:

Evaluate how to use cutting tools for fine details.

The learner can:

4.3

- a. Explain the use of marking out.
- b. Explain bowl cutting techniques.
- c. Explain handle cutting techniques.
- d. Explain point cutting techniques.
- e. Explain curve cutting techniques.
- f. Critically compare suitable sanding techniques for the project.
- g. Critically compare a range of oils suitable for their project.

Range (explanation)

This unit will guide the learner through the carving project, from the initial marking of the lines to be cut, the techniques to make those cuts and the finishing of the project..

Internal Assessment Guidance – Unit 04:

Learning Outcome:

Number	Type of evidence	Additional information (if applicable)
4.1.a	Q/A, D and PD	
4.2.a-e	Q/A, D and PD	
4.3.a-g	Q/A, D and PD	

Q/A Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Analyse how to sharpen and maintain the cutting edges on cutting tools.

The learner can:

5.1

- a. Use sharpening files.
- b. Use sharpening stones.
- c. Use strops.
- d. Explain the use of oils.
- e. Use other products to maintain the efficacy of sharpening tools.

Range (explanation)

This unit will enable the learner to ensure the tools used on a project are ready for further use and not left to degrade.

Internal Assessment Guidance – Unit 5:**Learning Outcome:**

Number	Type of evidence	Additional information (if applicable)
5.1.a-e	Q/A, D and PD	

Q/A Question and Answer, PD Practical Demonstration