This unit has 2 learning outcomes.

| **Learning Outcomes** | **Assessment Criteria** |
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| **The learner will:** | **The learner can:** |
| 1. Be able to apply a range of practical skills relevant to a Forest School programme.
 | * 1. Select and use appropriate protective equipment (PPE) and personal clothing and for working in a range of situations at Forest School.
	2. Safely check, clean, maintain and storage of:
* Tools
* Ropes/cords.
	1. Safely use different hand tools for a range of applications at Forest School.
	2. Tie and use a range of knots, selecting ropes/cords for different applications at Forest School.
	3. Safely make a range of craft items using woodland materials.
	4. Erect temporary group shelters using tarpaulin/natural woodland materials.
	5. Safely site, build, light and manage a campfire suitable for purpose.
	6. Cook on a campfire using a range of methods, with due regard to basic food hygiene and safety.
	7. Extinguish a fire and leave the site safe.
 |
| 1. Know how to facilitate a range of practical skills relevant to a Forest School programme in line with the Forest School ethos and principles.
 | * 1. Explain how to facilitate correct use of PPE with client group.
	2. Explain how to facilitate the safe checking, cleaning and storage of tools/ropes and cords with client group.
	3. Demonstrate and explain how to facilitate with client group(s) the safe use of a range of hand tools.
	4. Demonstrate and explain how to facilitate with client group(s) the tying and use of a range of knots for different applications at Forest School.
	5. Explain how to facilitate with client group(s) the making of a range of different items using natural woodland materials.
	6. Explain how to facilitate with client group(s) the safe erection of temporary group shelters using tarpaulin and/or woodland materials.
	7. Demonstrate and explain how to facilitate safe use of a campfire with client group(s).
	8. Explain how to facilitate safe camp fire cooking with your client group.
 |
|  | 2.9. Explain how to facilitate the safe  extinguishing of fire with your client  group. |

**Assessment information**

All Assessment Criteria must be evidenced. For guidance on assessment, including principles of assessment and methods which may be used, Centres should consult the Open College Network West Midlands publication *Assessment Methods* and the *‘*Assessment’ section of the *Open College Network West Midlands Centre Handbook*, both are available on our website [www.opencollnet.org.uk](http://www.opencollnet.org.uk) .

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| Sector Subject Area (SSA) | 3.2 |
| Date from which unit will be available for learners | 01/09/2017 |
| Unit review date | 31/08/2022 |
| Assessment Guidance | Observation of the learner must be used for this unit and skills may be demonstrated in a simulated environment or other appropriate setting. In addition other assessment methods may also be used including written statements and peer assessment.Holistic assessment within and across units is encouraged. |

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| Learning Outcomes ACs  | **Indicative Content** |
| LO 1AC 1.1 | **Clothing and PPE – Personal Protective Equipment**• Across the 4 seasons• Minimum fire and tools plus (*but not limited to*) one other experience e.g. collecting natural materials, shelter building, etc. |
| LO 1AC 1.2 | **Tool and rope/ cord maintenance****Basic tool maintenance is to include:*** + Cleaning, drying and oiling
	+ Stropping
	+ Changing blades
	+ Checking tool condition prior to use
	+ Identifying when tools need taken out of circulation
	+ Methods of tool maintenance
	+ Completion of tool maintenance log

**Rope/cord maintenance and storage*** + Cleaning and drying
	+ Checking rope/cord condition prior to use
	+ Identifying when rope/cord needs to be taken out of circulation
	+ Storage
 |
| LO 1AC 1.3 | **Using hand tools**• A minimum of 6 hand tools to cover (*but not limited to*) therange of operations below* Sawing
* Cutting
* Drilling
* Whittling
* Splitting
* Carving

• Ensuring task/tool and the woodland materials chosen are appropriate• Refer to country appropriate legislation relating to tools |
| LO 1AC 1.4 | **Knots**The range of applications:* + Join two ropes together
	+ Attaching a rope to an object
	+ Attaching two objects together
	+ Tensioning a rope
	+ Stopping slippage on ropes
 |
| LO 1AC 1.5 | **Items made with natural materials**• Detailed instructions and photographic evidence for making atleast 4 items using a range of techniques (*including but not**limited to*)* Woven
* Joined
* Shaped
* Carved
* Split

with at least 2 items made using woodworking hand tools |
| LO 1AC 1.6 | **Temporary group shelters (tarpaulin/natural woodland****materials) considering the following:*** + Weather conditions
	+ Construction and dismantling
	+ Group
	+ Site conditions/natural materials available
	+ Purpose
	+ Minimising ecological impact
 |
| LO 1AC 1.7 | **Camp Fire*** + Purpose
	+ Safety equipment
	+ Safe positioning
	+ Woodland Type
	+ Soil Type
	+ Permissions
	+ Site conditions
	+ Escape routes
	+ Legislation

**Managing the surrounding area*** + Seating distances away from fire pit
	+ Minimising ecological impact

**Building fire*** + Fire pit base and surround
	+ Fire Lays for different purposes
	+ Non-toxic types of wood to burn
	+ Weather

**Lighting fire*** + Fire lighting using range of methods including fire strikers
	+ Tinder, kindling and fuels

**Managing fire*** + Fire triangle
	+ Size and type of fire
	+ Management of resources
 |
| LO 1AC 1.8 | **Cooking with fire**• Methods of cooking (*including but not limited to*):* Boiling /steaming
* Frying
* Baking
* Roasting

• Over camp fire and/or the following:* Storm kettle,
* Jet boil,
* Rocket stove

• With reference to Hazard Analysis Critical Control Points (HACCP`s) for higher risk food groups• Desirable: Information about Level 2 outdoor food safety training |
| LO 1AC 1.9 | **Extinguishing Fires*** + To include permanent and temporary fires.
	+ Show understanding of geographical context minimizing ecological impact:
	+ soils
	+ woodland ecology.

• Leave no trace principles• Cross reference to management plan and ecological impact assessment |
| LO 2AC 2.1 | **Facilitation of PPE*** Cross reference to the handbook
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| LO 2AC 2.2 | **Facilitation of Tool, Rope/Cord maintenance*** + Safe storage
	+ Checking
	+ Maintenance of tools/ropes and cords
	+ Taking into consideration the following:
	+ Age & developmental stage
	+ Ratios
	+ Competence and confidence of Forest School
	+ Leader in maintaining bladed tools
 |
| LO 2AC 2.3 | **Facilitation of the use of hand tools with own client group(s)****considering the following**:* + FS Ethos and pedagogy
	+ Differentiation, age & developmental stage
	+ Previous experience of participants
	+ Ratios
	+ Insurance
	+ Appropriate safe techniques
	+ Ensuring learners choice of task/tool and the woodland materials are appropriate
	+ Safe working areas
	+ Safe working distances
 |
| LO 2AC 2.4 | **Facilitation of knots with own client group(s) considering the****following:*** + With regard to the FS Ethos and pedagogy
	+ Choice of knot and rope/cord for context
	+ Differentiation, age & developmental stage appropriate explanations
 |
| LO 2AC 2.5 | **Facilitation of making craft items:*** + Choice of materials, techniques, and tools appropriate to the task in hand, age and stage of the learner
	+ FS Ethos and pedagogy
 |
| LO2AC 2.6 | **Facilitation of the erection of temporary group shelters considering the following:*** Forest School ethos and pedagogy
* Source and choice of manmade and/or natural materials minimizing ecological impact
* Safe transportation of appropriate materials
* Safe siting, construction and dismantling
* Rationale & design
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| LO 2AC 2.7 | **Facilitation of the safe use of fire with own client group(s)****considering the following:*** + FS Ethos and pedagogy
	+ Differentiation, age & developmental stage
	+ Previous experience of participants
	+ Ratios
	+ Insurance
	+ With reference to food hygiene procedures and policy
	+ Managing the group
	+ Cross reference to communication strategy: eg. Neighbours
 |
| LO 2AC 2.8 | **Facilitation of safe camp fire cooking considering the following:*** + FS Ethos and pedagogy
	+ Age & developmental stage
	+ Previous experience of participants
	+ Ratios
	+ Insurance
	+ With reference to food hygiene procedures and policy
	+ Managing the group
	+ Cross reference to communication strategy in relation to specific needs of individuals/client group
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| LO 2AC 2.9 | **Facilitation of safe extinguishing of fires considering the****following:*** + FS Ethos and pedagogy
	+ Age & developmental stage
	+ Previous experience of participants
	+ Ratios
	+ Insurance
	+ Managing the group
	+ Cross reference to communication strategy.
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