

Unit title:	Forest School Programmes: Practical Skills
Level:	3
Credit value:	3
GLH:	18
TQT:	30
Unit code:	SG1/3/NQ/008
Unit reference number:	A/616/2562
Unit aim:	Learners will gain practical skills and be able to teach practical skills to Forest School participants

This unit has 2 learning outcomes.

Learning Outcomes	Assessment Criteria
The learner will:	The learner can:
1. Be able to apply a range of practical skills relevant to a Forest School programme.	1.1. Select and use appropriate protective equipment (PPE) and personal clothing and for working in a range of situations at Forest School. 1.2. Safely check, clean, maintain and storage of: <ul style="list-style-type: none"> • Tools • Ropes/cords. 1.3. Safely use different hand tools for a range of applications at Forest School. 1.4. Tie and use a range of knots, selecting ropes/cords for different applications at Forest School. 1.5. Safely make a range of craft items using woodland materials. 1.6. Erect temporary group shelters using tarpaulin/natural woodland materials. 1.7. Safely site, build, light and manage a campfire suitable for purpose. 1.8. Cook on a campfire using a range of methods, with due regard to basic food hygiene and safety. 1.9. Extinguish a fire and leave the site safe.

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Learning Outcomes	Assessment Criteria
The learner will:	The learner can:
<p>2. Know how to facilitate a range of practical skills relevant to a Forest School programme in line with the Forest School ethos and principles.</p>	<p>2.1. Explain how to facilitate correct use of PPE with client group. 2.2. Explain how to facilitate the safe checking, cleaning and storage of tools/ropes and cords with client group. 2.3. Demonstrate and explain how to facilitate with client group(s) the safe use of a range of hand tools. 2.4. 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. 2.5. Explain how to facilitate with client group(s) the making of a range of different items using natural woodland materials. 2.6. Explain how to facilitate with client group(s) the safe erection of temporary group shelters using tarpaulin and/or woodland materials. 2.7. Demonstrate and explain how to facilitate safe use of a campfire with client group(s). 2.8. Explain how to facilitate safe camp fire cooking with your client group.</p>

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Learning Outcomes	Assessment Criteria
The learner will:	The learner can:
	2.9. Explain how to facilitate the safe extinguishing of fire with your client group.

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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 .

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	<p>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.</p> <p>Holistic assessment within and across units is encouraged.</p>

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Learning Outcomes ACs	Indicative Content
LO 1 AC 1.1	<p>Clothing and PPE – Personal Protective Equipment</p> <ul style="list-style-type: none"> • Across the 4 seasons • Minimum fire and tools plus (<i>but not limited to</i>) one other experience e.g. collecting natural materials, shelter building, etc.
LO 1 AC 1.2	<p>Tool and rope/ cord maintenance</p> <p>Basic tool maintenance is to include:</p> <ul style="list-style-type: none"> ▪ 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 <p>Rope/cord maintenance and storage</p> <ul style="list-style-type: none"> ▪ Cleaning and drying ▪ Checking rope/cord condition prior to use ▪ Identifying when rope/cord needs to be taken out of circulation ▪ Storage
LO 1 AC 1.3	<p>Using hand tools</p> <ul style="list-style-type: none"> • A minimum of 6 hand tools to cover (<i>but not limited to</i>) the range of operations below <ul style="list-style-type: none"> ▪ Sawing ▪ Cutting ▪ Drilling ▪ Whittling ▪ Splitting ▪ Carving

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	<ul style="list-style-type: none"> • Ensuring task/tool and the woodland materials chosen are appropriate • Refer to country appropriate legislation relating to tools
LO 1 AC 1.4	<p>Knots</p> <p>The range of applications:</p> <ul style="list-style-type: none"> ▪ Join two ropes together ▪ Attaching a rope to an object ▪ Attaching two objects together ▪ Tensioning a rope ▪ Stopping slippage on ropes
LO 1 AC 1.5	<p>Items made with natural materials</p> <ul style="list-style-type: none"> • Detailed instructions and photographic evidence for making at least 4 items using a range of techniques (<i>including but not limited to</i>) <ul style="list-style-type: none"> ▪ Woven ▪ Joined ▪ Shaped ▪ Carved ▪ Split <p>with at least 2 items made using woodworking hand tools</p>
LO 1 AC 1.6	<p>Temporary group shelters (tarpaulin/natural woodland materials) considering the following:</p> <ul style="list-style-type: none"> ▪ Weather conditions ▪ Construction and dismantling ▪ Group ▪ Site conditions/natural materials available ▪ Purpose ▪ Minimising ecological impact

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<p>LO 1 AC 1.7</p>	<p>Camp Fire</p> <ul style="list-style-type: none"> ▪ Purpose ▪ Safety equipment ▪ Safe positioning ▪ Woodland Type ▪ Soil Type ▪ Permissions ▪ Site conditions ▪ Escape routes ▪ Legislation <p>Managing the surrounding area</p> <ul style="list-style-type: none"> ▪ Seating distances away from fire pit ▪ Minimising ecological impact <p>Building fire</p> <ul style="list-style-type: none"> ▪ Fire pit base and surround ▪ Fire Lays for different purposes ▪ Non-toxic types of wood to burn ▪ Weather <p>Lighting fire</p> <ul style="list-style-type: none"> ▪ Fire lighting using range of methods including fire strikers ▪ Tinder, kindling and fuels <p>Managing fire</p> <ul style="list-style-type: none"> ▪ Fire triangle ▪ Size and type of fire ▪ Management of resources
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LO 1 AC 1.8	<p>Cooking with fire</p> <ul style="list-style-type: none"> • Methods of cooking (<i>including but not limited to</i>): <ul style="list-style-type: none"> ○ Boiling /steaming ○ Frying ○ Baking ○ Roasting • Over camp fire and/or the following: <ul style="list-style-type: none"> ○ 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 1 AC 1.9	<p>Extinguishing Fires</p> <ul style="list-style-type: none"> ▪ To include permanent and temporary fires. ▪ Show understanding of geographical context minimizing ecological impact: <ul style="list-style-type: none"> ○ soils ○ woodland ecology. • Leave no trace principles • Cross reference to management plan and ecological impact assessment
LO 2 AC 2.1	<p>Facilitation of PPE</p> <ul style="list-style-type: none"> • Cross reference to the handbook

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LO 2 AC 2.2	<p>Facilitation of Tool, Rope/Cord maintenance</p> <ul style="list-style-type: none"> ▪ Safe storage ▪ Checking ▪ Maintenance of tools/ropes and cords ▪ Taking into consideration the following: <ul style="list-style-type: none"> ○ Age & developmental stage ○ Ratios ○ Competence and confidence of Forest School ○ Leader in maintaining bladed tools
LO 2 AC 2.3	<p>Facilitation of the use of hand tools with own client group(s) considering the following:</p> <ul style="list-style-type: none"> ▪ 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 2 AC 2.4	<p>Facilitation of knots with own client group(s) considering the following:</p> <ul style="list-style-type: none"> ▪ With regard to the FS Ethos and pedagogy ▪ Choice of knot and rope/cord for context ▪ Differentiation, age & developmental stage appropriate explanations

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LO 2 AC 2.5	<p>Facilitation of making craft items:</p> <ul style="list-style-type: none"> ▪ Choice of materials, techniques, and tools appropriate to the task in hand, age and stage of the learner ▪ FS Ethos and pedagogy
LO2 AC 2.6	<p>Facilitation of the erection of temporary group shelters considering the following:</p> <ul style="list-style-type: none"> • 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
LO 2 AC 2.7	<p>Facilitation of the safe use of fire with own client group(s) considering the following:</p> <ul style="list-style-type: none"> ▪ 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 2 AC 2.8	<p>Facilitation of safe camp fire cooking considering the following:</p> <ul style="list-style-type: none"> ▪ FS Ethos and pedagogy ▪ Age & developmental stage ▪ Previous experience of participants ▪ Ratios

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	<ul style="list-style-type: none"> ▪ 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
LO 2 AC 2.9	<p>Facilitation of safe extinguishing of fires considering the following:</p> <ul style="list-style-type: none"> ▪ FS Ethos and pedagogy ▪ Age & developmental stage ▪ Previous experience of participants ▪ Ratios ▪ Insurance ▪ Managing the group ▪ Cross reference to communication strategy.