

## UCET Work Method Statement

### **MUST READ RAMS**

For other instructions relevant to this activity, you must read the following:

- ED 1 RAMS Activities Outdoors with Children (or Indoors)

#### 1. **The Activity: Method Statement**

**Activity being carried out: Fire-lighting (including camp fires, pizza oven, Wonky Shed and kelly kettles)**

##### **How is the activity completed?**

**Camp fires:** children gather round a ready lit fire and play games, sing songs, tell stories and toast marshmallows

**Fire-lighting:** children gather resources needed to build a fire then build and light a fire.

Children are shown the thickness of wood to collect

Children are shown the safe kneeling position

Children are shown how to use strikers

Children are shown how to set fire to a kindling

Children are shown how to transfer their lit kindling to fire/fire bowl safely.

They may then use the fire for outdoor cooking.

**Kelly Kettles:** children gather resources and build and light a fire in the base of the Kelly kettle.

Children are shown to remove the stopper from the Kelly kettle

Children are shown how to place their kindling

Children are shown how to light their fire.

Once the kettle has boiled they then pour the water to make a hot drink.

**Wonky Shed log burner:** children gather resources needed to build a fire then build and light a fire to heat the shed

**Pizza Oven:** children gather resources needed to build a fire then build and light the fire in the pizza oven for baking pizza

Staff only may put pizzas in the oven and remove them

Reviewed annually unless procedure needs to change. Next Review due: Oct 2024

Document owner – Neil Gauld

## Education RAMS 11 Fire-lighting

### **What equipment is used?**

**Camp fires:** toasting forks, marshmallows, strawberry laces, After 8 mints, burns kit, water, fire blanket, fire gloves, first aid kit,

**Fire-lighting:** toasting forks, marshmallows, doughnuts, burns kit, water, fire blanket, first aid kit, bags, wood, paper, cotton wool, kneeling mats, fire gloves. They might use a fire bowl for this activity

**Kelly Kettles:** Kelly kettle, burns kit, water, fire blanket, first aid kit, fire gloves, bags, wood, paper, cotton wool, kneeling mats, cups, spoons, beverages

**Wonky Shed log burner:** burns kit, water, fire blanket, first aid kit, bags, wood, paper, cotton wool, fire gloves and companion set

**Pizza Oven:** burns kit, water, first aid kit, bags, wood, paper, cotton wool, fire gloves

Ignition equipment may include: fire strikers, flint and steel, bow drill, iron pyrite, fire lighter

### **What locations are approved for this activity?**

Potentially flexible (provided away from building and exposed tree roots) but mainly takes place in designated fire lighting areas; UA, History and Adventure Woods, Celtic settlement, Viking settlement, Wonky shed. Dynamic risk assessment will be carried out by Ufton staff, in consultation with grounds staff, where necessary.

### **Who can lead this activity?**

Members of the Education team who have been trained and deemed competent to lead the session

### **Leader: student ratios**

1 Ufton leader to 15 students, with some suitable variation which will be dynamically risk assessed by a competent person.

### **What else are we expecting visiting schools to do in addition to RAMS 1?**

Adopt safe postures and behaviours as advised by UC staff i.e. not leaning over fire, striking away from self and others, using one-knee kneeling position, working from behind smoke, tying hair back, keeping loose clothing under control.

### **What else are we expecting Ufton Staff to do in addition to RAMS 1?**

Give the children a clear briefing at the start as above

Dynamic risk assessment carried out for students carrying Kelly kettles

Supervising Ufton staff will put fires out when the activity has finished or supervise children to do this

### **Which parts of this activity are visiting schools prohibited from doing?**

Taking burning objects from the fire, allowing burning tinder to fall to the ground, lighting their own fires unsupervised by Ufton staff

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**2. PPE to be issued and worn:**

Fire gloves may be used

**3. The Risk Assessment**

**Who is at Risk:**

The following people may be at risk of injury either when taking part in this activity or being in the area:

Children engaged in the activity,

Their leaders,

Members of staff,

Wedding guests

Anyone else who may visit the site whilst the activity is in progress.

Significant Hazards (These are in addition to those on any of the MUST READ RAMS)	Control measures in Place	Risk Controls Applied				Overall risk and additional comments
		Likelihood	Injury Outcome	Business Risk	Environmental impact	
Burns/scalds	<ul style="list-style-type: none"> <li>Burns kit and first aid kit checked and on show at fire lighting location or carried to the location</li> <li>Wonky shed log burner has metal barrier surrounding it so users are at a safe distance once lit</li> </ul>	2	2	2	1	8
Stab/poke with toasting forks	<ul style="list-style-type: none"> <li>Children supervised</li> </ul>	2	3	2	1	12
Setting items alight	<ul style="list-style-type: none"> <li>Hair tied back and flammable clothing/items that are at risk removed out of the way.</li> </ul>	1	5	5	1	25

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	<ul style="list-style-type: none"> <li>UC staff will demonstrate correct postures and behaviours to adopt around the fire and how to safely use the equipment.</li> </ul>					
Food allergies	<ul style="list-style-type: none"> <li>Information exchange form to be completed advising on allergies</li> </ul>	1	5	5	1	25
Smoke	<ul style="list-style-type: none"> <li>Position up-wind of fire will avoid smoke</li> <li>Brief children not to stand in smoke</li> </ul>	2	3	2	1	12
Sparks	<ul style="list-style-type: none"> <li>Brief participants to strike away from body and remain vigilant</li> </ul>	1	2	2	3	12
Spread of fire in woodland	<ul style="list-style-type: none"> <li>Water available for putting out flames</li> <li>Woodland floor checked for inflammable objects</li> <li>Fires always extinguished at end of activity by Ufton staff or they will supervise children to do this</li> <li>If fire has not been made in a fire bowl there will be another check later in the day to make sure fire is still extinguished</li> </ul>	1	5	5	5	125

**Key**

Likelihood	Injury Outcome	Business Risk	Environmental Impact
1 Remote – no historical occurrences here but has happened elsewhere	1 No treatment	1 No impact	1 No impact
2 Unlikely – Occurs here but extremely rare (not in last year)	2 On site first aid administered	2 Minor impact	2 Minor Impact

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3 Possible – has occurred in the last year	3 Treatment by external medical professional and same day discharge	3 Moderate short term impact	3 Moderate short term impact
4 Foreseeable – occurs occasionally (once per term)	4 Admission to hospital	4 Serious medium term impact	4 Serious medium term impact
5 Regular – occurs regularly (weekly)	5 Death or life changing injury	5 Very serious long term impact	5 very serious long term impact
<b>Multiply Likelihood x Injury Outcome x Business Risk x Environmental Impact. Any score above 25 must result in control measures being applied in the additional comments column</b>			

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