**FIRE AS A LEARNING TOOL – SOME RESOURCES**

**OUTDOOR LEARNING**

[Outdoor & Woodland (OWL) Learning Scotland](http://owlscotland.org/home/): Search for learning or other resources using the site search facility

[Using fire as a context for learning](http://owlscotland.org/home/using-fire-as-a-context-for-learning-cfe-links) OWL Scotland resource with CfE links

[OWL Scotland/ Forest School Scotland Resource](http://owlscotland.org/resources/resource-library/forest-school-scotland-resource-pack) – Section 8 Practical Activities (see pages 136 – 141)

Activity descriptions include:

* Fire wood poem; Activities with Fire; Campfire games; Campfire Cooking

[Wolf Brother’s Wildwoods](http://owlscotland.org/resources/resource-library/wolf_brothers_wildwoods) - This resource has been produced to support teachers who are reading the novel Wolf Brother by Michelle Paver with their classes. Set in Mesolithic times, the novel is not only an exciting read but also reveals much about the lives of hunter-gatherers who lived in Scotland 10,000 years ago.

The resource aims to:

* Bring the Mesolithic period to life through a series of woodland and classroom learning activities
* Encourage pupils and teachers to enjoy spending time in their local woodland
* Support teachers in delivering Curriculum for Excellence outcomes through outdoor learning

[Ice Lanterns](http://www.naturedetectives.org.uk/NR/rdonlyres/8D22BFE8-6C9E-4E6E-8612-9B0B13B53414/0/ice_lanterns.pdf) winter fire and light activity from Nature Detectives

[Grounds for Learning/ Learning Through Landscapes](http://www.ltl.org.uk/scotland/) member resources which cover issues of opportunities for fire, address risk etc. See Groundnotes ‘*Adventures in the School Grounds’*; January Playnotes ‘*Adventurous Play’*; *Schoolgrounds-UK* Out&about *Building a fire November 2009*

[SNH Biodiversity pack](http://www.snh.gov.uk/about-scotlands-nature/resources-for-teaching/class-activities/biopack/) including ‘21st century cave painting’ activity for exploring historical links and using charcoal creatively

[Iron Age Life](http://www.bbc.co.uk/history/ancient/british_prehistory/launch_gms_ironage_life.shtml): A fun BBC History game which can be played to find out whether you have the skills to make fire, bake bread and spin cloth and so survive the Iron Age. Great for reinforcing and reviewing fire making facts discovered outdoors (particularly friction fire), and makes reference to the Iron Age Crannogs at Loch Tay.

[Climate change and energy](http://www.educationscotland.gov.uk/weatherandclimatechange/index.asp) Education Scotland information

[Experimental bonfires & the Fire of London](http://www.thecoombes.com/images/211013LettertoparentsPTGFofLandExpFires(1).pdf): The Coombes CE Primary School

**HEALTH & SAFETY**

Follow your local authority H&S and Risk Assessment guidelines

Risk assessment is also addressed in the Forest School Scotland resource (see above)

[Fire safety](http://www.hse.gov.uk/toolbox/fire.htm) from the Health & Safety Executive

[Health and safety](http://www.ltscotland.org.uk/learningteachingandassessment/approaches/outdoorlearning/healthandsafety/index.asp) – Education Scotland

[Leave No Trace](http://www.leave-no-trace-training.co.uk/principles.php) - One of the seven principles is minimise the effects of fire

**SUPPLIERS**

*Just a few suggestions – this is not comprehensive. Also try your local outdoor camping shop or DIY store.*

[Mindstretchers](http://www.mindstretchers.co.uk/): Suppliers of Early Years resources outdoors including fire equipment

[Muddy Faces](http://www.muddyfaces.co.uk/): supplier of Forest School equipment and challenging outdoor play resources.

Yorkshire Play provide the Playing with Fire DVD (£4 + P&P) *website currently down will be restored*

**CONTACTS/ PRACTITIONERS**

[OWL Scotland Local Groups](http://owlscotland.org/local-groups/) Your local group may be able to offer advice/ support.

[Forest School Association](http://www.forestschoolassociation.org/) – the UK Professional Body for Forest School practitioners

[Willow Lohr](mailto:willowlohr@btinternet.com), experienced bushcraft practitioner and trainer

[Mud Pie Adventures](http://www.mudpieadventures.co.uk/) (North east Scotland)

[Grounds for Learning](http://www.ltl.org.uk/scotland) also an accredited practitioner network for school grounds

[Countryside Ranger Services in Scotland](http://www.scra-online.co.uk/the-ranger-profession/where-to-find-rangers) where to find your nearest ranger service

**FIRE & FOREST SCHOOL/ BUSHCRAFT**

*Seek support and training from experienced practitioners (e.g. see above)*

Lots of information on basic and advanced techniques – try searching online

For example [Wilderness Survival Skills](http://www.wilderness-survival-skills.com/how-to-make-a-fire.html) tips on how to make a fire

**READING/ PUBLICATIONS**

‘Nature’s Playground’ Fiona Danks & Jo Schofield Frances Lincoln Ltd ISBN 0-7112-2491-9

‘*Go Wild! 101 things to do outdoors before you grow u*p’ Jo Schofield & Fiona Danks Frances Lincoln Ltd ISBN 978-0-7112-2939-6

Bushcraft – anything by Ray Mears!