Moray Outdoor Learning Festival – online delegate pack

Here we provide you with relevant links from the workshop providers and marketplace organisations to give you support and inspiration for your ongoing outdoor learning. We hope you find it helpful!

**Abernethy (residential adventure centres)**

link to the Schools page on our website:

<http://www.abernethy.org.uk/about-us/schools/>

link to an online copy of our Schools Brochure: <https://issuu.com/abernethyadventurecentres/docs/schools_brochure_-_issuu/1>

**Adventure Scotland (our adventurous activity consultants)**

<http://www.adventure-scotland.com/>

**Care Inspectorate guidance for Early Years**

<http://www.careinspectorate.com/images/documents/3091/My_world_outdoors_-_early_years_good_practice_2016.pdf>

**Cairngorms National Park resources, and John Muir Award**

Learning resources for Cairngorms National Park at <http://cairngorms.co.uk/caring-future/education-learning/projects-for-schools/learning-resources/>

Learning projects in Cairngorms National Park <http://cairngorms.co.uk/caring-future/education-learning/projects-for-schools/>

John Muir Award <http://cairngorms.co.uk/caring-future/education-learning/projects-for-schools/john-muir-award/>

<https://www.johnmuirtrust.org/john-muir-award>

Travel grant for educational trips to the Cairngorms National Park <http://cairngorms.co.uk/park-authority/funding/travel-grant-scheme/>

**Digital Literacy Resources from Natalie White’s (Education Scotland’s OL DO) workshop**

Digital literacy in the outdoors….

**Apps I used in the session:**

<https://www.geocaching.com/play>

Treasure hunt, log on become a user and set out your own treasure or simple locate others caches.

<https://www.plickers.com/signin>

Create a symbol for each child so that you can easily record their answers for assessment. Creates bargraphs with the results, allows you to give immediate support to those who are struggling and be responsive to learners pace.

<http://www.qrstuff.com/>

QR codes can be used to share information. Some schools have created trails and at set points pupils have left a QR code with links to school website or information about the trail ie points of interest, or scaled version of the solar system.

**Citizen Science Apps**

Websites such as Project Noah ([**www.projectnoah.org**](http://www.projectnoah.org)) and iSpot ([**www.ispotnature.org**](http://www.ispotnature.org)) allow members of the public to upload images of wildlife for others to identify, meaning help and advice is only a click away. Organisations can also upload many images as part of citizen science projects for the public to sort through. This can help them classify thousands of images in a short space of time. For example, Galaxy Zoo ([**www.galaxyzoo.org**](http://www.galaxyzoo.org)) has used this method for over 50 million classifications of stars and galaxies and Cancer Research UK use the ‘cell slider’ site to classify cancer cells for research purposes ([**www.cellslider.net**](http://www.cellslider.net)).

**iGeology**

Take a geological map of Britain with you wherever you go to help you learn about the rocks beneath your feet: <https://www.bgs.ac.uk/igeology/>

**iRecord Butterflies**

Identify the butterflies that you see and use your sightings to protect butterflies: <http://naturelocator.org/irecord-butterflies.html>

**Air Quality in Scotland**

Keep informed about latest and forecast air pollution in your region:

<http://www.scottishairquality.co.uk/stay-informed/apps>

**iRecord Ladybird**

Help map species of ladybird within the UK: [www.ladybird-survey.org/recording.aspx](http://www.ladybird-survey.org/recording.aspx)

**PlantTracker**

Identify and record non-native invasive species: <http://planttracker.org.uk>

**Scotland’s Environment web**

Scotland’s Environment Web contains resources across a range of topics, including a list of useful mobile apps: <http://www.environment.scotland.gov.uk/get-learning/>

**Great British Bee Count**

Join the Great British Bee Count to help build a nationwide picture of bees’ health: <http://greatbritishbeecount.co.uk>

**mySoil**

Access to a comprehensive European soil properties map within a single app: [www.bgs.ac.uk/mysoil](http://www.bgs.ac.uk/mysoil)

**BirdTrack**

Collect casual records of birds on your mobile phone: <http://bit.ly/BirdTrack>

**Forestry Commission / ENFOR resources**

(Resources for Penny Martin’s workshop – Moray Outdoor Learning Festival)

Environment & Forestry (ENFOR) Outdoor Learning Directory - provides a portal to services supporting outdoor learning which are provided by these Scottish organisations. This includes learning resources, training & events and grants/ funding opportunities.

<http://outdoorlearningdirectory.com/index.php/home/>

The Picts: a learning resource for teachers of Curriculum for Excellence Level 2. The Picts are one of Scotland's greatest mysteries: an apparently vanished nation, chronicled by others but not by themselves. The Picts speak to us only through their inspiring creativity- their marvellous carved stones, their monumental hill forts and their beautiful jewellery. This resource aims to provide an introduction to a topic rich in imagination, creativity and enquiry.  <http://owlscotland.org/resources/resource-library/the-picts>

Wolf Brother’s 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

<http://owlscotland.org/resources/resource-library/wolf_brothers_wildwoods>

Search the OWL Scotland website for [Wolf Brother](http://owlscotland.org/site/search/ceecc8221cbafc2dc6fe763076b075b1/) for links to Wolf Brother posters

Trees and the Scottish Enlightenment

This is an outline of the story of the Enlightenment and the beginnings of modern forestry and is intended as a brief introduction to a complex subject, which is complemented by the more detailed stories told in Trees, People and the Country Estate.

Scotland is the home of modern Forestry.   Forests here are managed now very differently to how woodlands were managed in the past.  This resource tells the story of how Scottish forestry developed during a particular historical time period, known as the Enlightenment and in a particular sort of place, the Scottish Country Estate.   
The Enlightenment happened throughout Europe, especially in England, Holland, France and Germany but Scotland played an important part despite being smaller, poorer and, at times, at civil war.  It wasn’t a single event, rather it was a complicated series of developments that happened over a long time, starting in the seventeenth century (1600s) and continuing through into the nineteenth century (1800s).

<http://owlscotland.org/resources/resource-library/trees_and_the_scottish_enlightenment>

Outdoor & Woodland Scotland resources available are summarised in this [summary resource flyer](http://owlscotland.org/images/uploads/resources/files/Resources_Marketing_Flyer_2016.pdf) which outlines the key educational resources with a brief descriptor, age and stage and how to find it. <http://owlscotland.org/images/uploads/resources/files/Resources_Marketing_Flyer_2016.pdf>

Resources can be ordered from Forestry Commission Publications <http://www.forestry.gov.uk/website/publications.nsf/$$search>

**Moray Duke of Edinburgh Award**

<http://www.moray.gov.uk/moray_standard/page_59179.html>

**Moray OWLS group (Outdoor and Woodland Learning Scotland)**

For funding, support, resources and events

<https://www.facebook.com/MorayOWLS/>

<http://owlscotland.org/local-groups/moray_fei_cluster_group>

<http://www.earthtime.co.uk>

<https://www.facebook.com/loveearthtime>

<http://www.forestschoolassociation.org/>

also see attached document 

**Moray WasteBusters**

<http://moraywastebusters.org/>

**Orienteering Scotland resources (including the maze from MOLF)**

General info for school staff and free resources:

[www.britishorienteering.org.uk/schools](http://www.britishorienteering.org.uk/schools)

Printable orienteering games for schools:

[www.britishorienteering.org.uk/school\_games](http://www.britishorienteering.org.uk/school_games)

Information about the Scottish Orienteering "Teaching Orienteering" 1-day CPD course

[www.scottish-orienteering.org/natcen/page/teaching-orienteering-courses](http://www.scottish-orienteering.org/natcen/page/teaching-orienteering-courses)

Local events in Moray including the Moray & Nairn Schools Orienteering League, results from previous schools festivals etc. Schools league information can be found under the "Juniors" menu.

[www.moravianorienteering.org](http://www.moravianorienteering.org)

  

**Outdoor Journeys (Ali Hammerton’s workshop)**

<http://outdoorjourneys.org.uk/>

**Outfit Moray (and Bike Revolution)**

<http://outfitmoray.com/>

**Scotland’s Urban Past**

<http://scotlandsurbanpast.org.uk/>

<http://digimapforschools.edina.ac.uk/>

**Scran**

**Scran** [**scran.ac.uk**](http://scran.ac.uk) **- Kite Aerial Photography & Archives - Case Study**

* <http://www.scran.ac.uk/scranalogue/2015/09/22/views-of-north-berwick-vicinity/>
* <http://www.scran.ac.uk/scranalogue/2015/10/01/views-of-north-berwick-vicinity-2/>
* <http://www.scran.ac.uk/scranalogue/2015/10/20/views-of-north-berwick-vicinity-3/>

**Jackie Sangster | Education Officer | Scran**

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John Sinclair House, 16 Bernard Terrace, Edinburgh EH8 9NX

**T:** 0131 651 6817

**E:** [Jackie.Sangster@rcahms.gov.uk](mailto:Jackie.Sangster@rcahms.gov.uk)

**Stramash outdoor nursery**

<https://blogs.glowscotland.org.uk/glowblogs/stramashelgin/>

**tsi – for volunteers to help on OL visits**

**'tsi**MORAY is a dynamic local charity set up to support and promote volunteering, community groups,  and social enterprises.'

<http://www.tsimoray.org.uk/>

I have had help with volunteers from this organisation with groups working on the John Muir Award in the past and would recommend having a chat with them to see what may be available. For example they host an 'Environment & Sustainability Forum'

Shaping the Moray that we want is the focus of this Third Sector forum that brings together organisations with an environment and/or sustainability remit. Moray has 68 designated protected areas either wholly or partially within the region, representing the very best of Scotland’s landscapes and protected species. It is also an area with a very high level of community engagement with many organisations working for the protection, enhancement or education of our natural environment.

For more information contact Laura Cameron, Communications & Network Coordinator, [Laura@tsimoray.org.uk](mailto:Laura@tsimoray.org.uk)

**Whale and Dolphin Conservation Society**

<http://whales.org/scottishdolphincentre>

**Wild Things!**

<http://wild-things.org.uk/>