

## EGN Week 2014

Name of Geopark: Geopark Shetland

Dates of geoparks week: 5<sup>th</sup> – 11<sup>th</sup> July 2014

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**This programme may be subject to change. Further events will be added in the coming weeks. Events will be open for booking from 1<sup>st</sup> May. Unless otherwise stated, all U16s must be accompanied by a responsible adult. Visitors can find an up-to-date programme with details of event times and booking information at [www.shetlandnaturefestival.co.uk](http://www.shetlandnaturefestival.co.uk)**

Motto of geoparks week: Discover, Explore, Enjoy!!

**\* Events with a particular geological focus.**

Category	Date	Activity / Event
1. Geo & Geo	6th July	<b>Excursions, museum-visits, activities at geosites</b>  <b>Eshaness Coast guided walk*</b> Explore the spectacular Eshaness coastline with Geopark Shetland. Once, an ancient volcano spewed out lava and ash to form the rocks of Eshaness. Now, 350 million years later, Atlantic storms have carved them into a spectacular array of cliffs, stacks, geos and caves. <b>Location:</b> Meet at Eshaness car park
	7th July	<b>Climb Shetland taster session</b> Have a go at sea-cliff climbing with Shetland climbing club at beginner-friendly sandstone crags. <b>Minimum age 10</b> <b>Location:</b> TBC  <b>Wet and Wild adventure day</b> See Shetland from a whole new angle through a day of outdoor watersports and exploration, including kayaking and coasteering. Transport provided. <b>Minimum age 10</b> <b>Location:</b> Meet at St Sunniva St stores
	8th July	<b>Keen of Hamar guided walk</b> From a distance, the Keen of Hamar may appear to be a barren moonscape, but take a closer look and you'll discover an array of wild flowers amongst the shattered stones. Learn about Unst's fascinating geology and encounter some of Britain's rarest flowers, including Edmondston's Chickweed, which grows nowhere else in the world. <b>Location:</b> Meet at Keen of Hamar car park

	<p><b>9th July</b></p>	<p><b>Hermaness guided walk</b>  With its stunning coastline and spectacular seabird colonies, Hermaness National Nature reserve is a must-see for any visitor to Shetland. Get up close and personal with Puffins and experience sensory overload as you see, hear and smell the reserve's huge Gannet colony.  <b>Location:</b> Meet at Hermaness car park</p> <p><b>Braewick Beach guided walk*</b>  Discover granite that formed deep in the Earth, striped sandstones from a long vanished lake and lava from Shetland's violent volcano!  <b>Location:</b> Meet at Braewick Cafe</p> <p><b>Otter spotting</b>  For most visitors to Shetland, Otters are high on their list of things to see, but the elusive nature of these animals means that many people leave disappointed. This walk will not guarantee you a sighting but will show you how to search for Otters and recognise the signs of their presence.  <b>Location:</b> Meet at Ulsta ferry car park</p> <p><b>Wet and Wild adventure day</b>  See Shetland from a whole new angle through a day of outdoor watersports and exploration, including kayaking and coasteering. Transport provided. <b>Minimum age 10</b>  <b>Location:</b> Meet at St Sunniva St stores</p>
	<p><b>10th July</b></p>	<p><b>A Walk to the Arctic*</b>  At 450m, Ronas Hill is the highest point in Shetland. Freezing temperatures and fierce winds are still shaping the land and Arctic plants cling to the hillside. <b>Please be aware this is a strenuous walk. Minimum age 10.</b>  <b>Location:</b> Meet at Collafirth mast</p> <p><b>Vaila Mae boat trips</b>  What better way to see Shetland but from the sea? Try your hand at rowing a traditional Shetland sixareen and talk marine matters with KIMO International and The Clipperton Project at the Shetland Museum and Archives.  <b>Location:</b> Shetland Museum and archives</p>
	<p><b>11th July</b></p>	<p><b>Wet and Wild adventure day</b>  See Shetland from a whole new angle through a day of outdoor watersports and exploration, including kayaking and coasteering. Transport provided. <b>Minimum age 10.</b>  <b>Location:</b> Meet at St Sunniva St stores</p> <p><b>Fossil Fish and Devonian Dunes guided walk*</b></p>

		<p>Join Geopark Shetland on a walk near Exnaboe. Look for fossil fish and see amazing Devonian sand dunes that formed nearly 400 million years ago when Shetland was near the Equator!  <b>Location:</b> Meet at Ness Boating club</p>
<p><b>2. Geo &amp; Culture/Music/Literature/Arts</b></p>	<p><b>7<sup>th</sup> July</b></p> <p><b>8<sup>th</sup> July</b></p> <p><b>10<sup>th</sup> July</b></p> <p><b>11<sup>th</sup> July</b></p>	<p><b>Links with art and archaeology</b></p> <p><b>Hot Rocks! - Experimental archaeology at the Bressay burnt mound*</b>  4000 years ago Bressay residents used hot rocks to heat water at this enigmatic Bronze Age monument, but what was it for? Bathing? Brewing? Tanning? Cooking? Join Geopark Shetland and Bronze Age Bressay to see ancient technology in action and explore the possibilities.  <b>Location:</b> Bressay Heritage Centre</p> <p><b>Recycled craft workshop</b>  It's amazing what you can make with old paper, glass, plastic and even beach bruck! Come along and find out how.  <b>Location:</b> Saxa Vord</p> <p><b>Parkour on the rocks with Northern Focus Parkour*</b>  Enjoy the freedom of free-running on the rocks with NorthernFocusParkour. Find out how to move fluidly through any terrain, regardless of obstacles and explore creative new ways to engage with the natural world. <b>Minimum age 10 (U16s do not need to be accompanied)</b>  <b>Location:</b> The Sletts</p> <p><b>Artist Trail</b>  A day long minibus tour visiting artists in their studios who are inspired by the natural heritage of Shetland. During the day, there will also be short nature walks. Please wear appropriate outdoor clothing and footwear and bring a packed lunch. Transport provided from start point. <b>Minimum age 16.</b>  <b>Location:</b> Meet at Mareel</p> <p><b>Old Scatness tour (Chris Dyer)</b>  Visit Old Scatness Broch and Iron Age Village. An amazing time capsule and one of the biggest archaeological excavations in Europe in recent years. Come and explore the site and learn about the society, economy and how occupants lived off the land and sea. Step back in time by exploring reconstructed houses and demonstrations of ancient crafts. <b>Minimum age 16</b>  <b>Location:</b> Old Scatness</p>

<b>3. Geo &amp; Education</b>		<p><b>Activities to encourage lifelong learning within the family</b></p> <p><b>5th July</b></p> <p><b>Noss Open Day and Festival launch with Our Dynamic Earth</b> Family friendly fun including guided walks, underwater viewing, tours aboard a real-life Floating Laboratory, catering, face painting and other children’s activities led by Our Dynamic Earth and The Clipperton Project, all in the spectacular setting of Noss National Nature Reserve. Transport provided from Bressay Ferry Terminal. <b>Location:</b> Noss National Nature Reserve</p> <p><b>RSPB Go Wild About Town (wheelchair friendly)</b> Lerwick is packed full of wildlife for families to discover. We’re going to look to the skies, under rocks, in the sea and in trees to see how many species of bird, animal and plant we can find. <b>Location:</b> Meet at Market Cross (outside Visit Shetland Tourist Information Centre)</p> <p><b>OR BAD WEATHER ALTERNATIVE:</b> <b>Our Dynamic Earth family fun*</b> The earth is 4600 million years old! Who did the maths? Did they just use a really big calculator? Join us to meet James Hutton and Arthur Holmes, Scotland’s Time Lords. Discover what makes rocks tick and what the ancient earth has to do with meteorites and radioactive Brazil nuts. Explore moving plates, volcanoes, earthquakes and more... <b>(Ideal for children 9+)</b> <b>Location:</b> Shetland Museum and Archive</p> <p><b>6<sup>th</sup> July</b></p> <p><b>It’s a Bug’s life</b> Come along and have a peerie hock about da Crofthouse Museum for peerie creepy crawlies. Grab a magnifying glass and see if you can find etterkaspas, slaters, skurdies, drummers or klocks. Make your own bug too! <b>Location:</b> Croft house Museum, Boddam</p> <p><b>7<sup>th</sup> July</b></p> <p><b>Spineless</b> Discover the wonderful world of bugs and moths with Shetland Biological Records centre, the RSPB and The Clipperton Project. Discover the art of taxonomic drawing (an art form that is becoming extinct). <b>Location:</b> Meet at Kergord main plantation)</p> <p><b>Tree Magic</b> A journey through the woodland, looking at trees, their ‘magical’ properties and their history in folklore and religion. There will also be magical storytelling! <b>Location:</b> Meet at Kergord main plantation</p> <p><b>8<sup>th</sup> July</b></p> <p><b>RSPB Go Wild by the Shore</b></p>

	<p data-bbox="461 904 552 938">9<sup>th</sup> July</p>           <p data-bbox="461 1339 566 1373">11<sup>th</sup> July</p>	<p data-bbox="654 194 1471 360">Come along and join in the family friendly fun with rockpooling, pebble painting and much more! Also, meet The Clipperton Project team at their Floating Laboratory and chat with their divers who will prepare to undertake an underwater visual survey of fish and macroinvertebrates off the Leebiton shore.</p> <p data-bbox="654 371 879 398"><b>Location:</b> Leebiton</p> <p data-bbox="654 445 1086 472"><b>Go Wild by the Shore Snorkel tours</b></p> <p data-bbox="654 481 1471 754">Snorkel the shallow waters around Leebiton and see a magical array of creatures in colourful underwater gardens. You might encounter an inquisitive seal or glide over the home of a waving squat lobster without disturbing a thing! Tours are accompanied by local marine experts and members of the Clipperton Project . Wetsuits, hoods, gloves, boots, fins, masks and snorkels will be provided. Please bring a swimsuit, towel, a warm change of clothes and a flask of something warm for after. Public toilets are available for changing.</p> <p data-bbox="654 766 855 792"><b>Minimum age 12</b></p> <p data-bbox="654 801 1054 828"><b>Location:</b> Meet at Sandsayre pier</p> <p data-bbox="654 943 1050 969"><b>The wonders of Sphagnum moss</b></p> <p data-bbox="654 978 1471 1077"><b>Short Description:</b> A guided walk and an introduction to the ecology of blanket bog and sphagnum moss. Learn how peat is formed and what it can tell us about the past.</p> <p data-bbox="654 1086 1182 1113"><b>Location:</b> Meet at Hermaness car park, Unst</p> <p data-bbox="654 1160 868 1187"><b>Wild about Fetlar</b></p> <p data-bbox="654 1196 1445 1256">Join RSPB and Shetland Amenity Trust to explore an abundance of wildlife on the beautiful island of Fetlar.</p> <p data-bbox="654 1265 842 1292"><b>Location:</b> Fetlar</p> <p data-bbox="654 1373 976 1400"><b>Sumburgh Head Open Day</b></p> <p data-bbox="654 1408 1445 1650">Join us on the RSPB nature reserve. Get to know the seabirds who live life on the edge at Sumburgh Head! With expert advice and outdoor activities for the whole family to enjoy. The Clipperton Project and its team of international artists and scientists will be running fun and interactive family workshops on the rolling plains of Sumburgh Head just outside the visitor centre. Come meet the team and explore each expeditionaries unique field of research.</p> <p data-bbox="654 1659 968 1686"><b>Location:</b> Sumburgh Head</p>
<p data-bbox="186 1756 427 1783"><b>4. Geo &amp; EGN/GGN</b></p>	<p data-bbox="461 1823 552 1856">8<sup>th</sup> July</p>	<p data-bbox="654 1756 1278 1783"><b>Activities promoting the Geopark idea and the EGN</b></p> <p data-bbox="654 1865 1023 1892"><b>Our Dynamic Earth family fun*</b></p> <p data-bbox="654 1901 1445 2067">The earth is 4600 million years old! Who did the maths? Did they just use a really big calculator? Join us to meet James Hutton and Arthur Holmes, Scotland's Time Lords. Discover what makes rocks tick and what the ancient earth has to do with meteorites and radioactive Brazil nuts. Explore moving plates, volcanoes,</p>

	<b>9<sup>th</sup> July</b>	<p>earthquakes and more... <b>(Ideal for children 9+)</b> <b>Location:</b> Saxa Vord</p> <p><b>Our Dynamic Earth family fun*</b> The earth is 4600 million years old! Who did the maths? Did they just use a really big calculator? Join us to meet James Hutton and Arthur Holmes, Scotland's Time Lords. Discover what makes rocks tick and what the ancient earth has to do with meteorites and radioactive Brazil nuts. Explore moving plates, volcanoes, earthquakes and more... <b>(Ideal for children 9+)</b> <b>Location:</b> Braewick Café</p>
	<b>10<sup>th</sup> July</b>	<p><b>James Hutton and his 'Dynamic Earth' – a talk *</b> An introduction to this famous Scot, his life, work and discoveries and how his remarkable observations have shaped our modern understanding of planet earth, including the development of plate tectonics. <b>Location:</b> Shetland Museum and Archives</p>

#### **DISCLAIMER**

This programme may contain activities which by reason of their physical exertion or the degree of physical fitness required may be unsuitable or dangerous for certain persons, or the web site may describe activities which are inherently dangerous. Shetland Nature Festival makes no representations as to the nature, quality or suitability about any or all of the activities shown on this site and the user agrees that the user shall be responsible for first satisfying himself/herself by independent enquiry or advice as to the suitability of the particular activity.