

Northern Rocks

The North Pennines Festival
of Geology and Landscape

24 May – 8 June 2008

In celebration of European Geoparks Week

**Themed walks, talks, mine tours,
exhibitions, craft events, fun for
children...something for everyone!**



NORTH PENNINES

Area of Outstanding Natural Beauty



Northern Rocks 2008

Welcome to the fifth annual festival in celebration of the internationally recognised geology and landscape of the North Pennines Area of Outstanding Natural Beauty (AONB) and UNESCO European & Global Geopark.

How to book

Pre-booking is essential for many events. Look out for the **B** symbol. Telephone the AONB Partnership Staff Unit for more information and to make bookings (unless otherwise stated):

- AONB Partnership Staff Unit – Tel: 01388 528801 (Mon to Fri during normal office hours, answerphone at other times)
- Events with a charge are either 'pay on the day' or 'pay in advance'. When you book through the AONB Staff Unit we will advise you on payment details. Unless otherwise stated events are booked and paid for through the AONB Staff Unit
- Once you've booked, please refer to the brochure for event start times and locations. We will not be sending out confirmation letters
- If you haven't booked for an 'Advance booking only' event please don't turn up on the day

Public transport

Some of the events in Northern Rocks are accessible by public transport. Call Traveline on 0871 2002233 or visit www.traveline.org.uk


Guided walks

The walks in the programme have been graded:



- **Easy** – suitable for most people. Easy, comfortable walking, may be some stiles
- **Moderate** – typically a country walk with some hills, stiles and muddy paths. Boots advisable
- **Hard** – hill walks with steep, strenuous climbs. Rough moorland. Boots essential

Events for families/age guide

Events specifically designed for children are marked with the  symbol. You will find further information on ages that specific events are aimed at (in relation to content) in the 'Age' section. The symbol **16+** is used on events that are considered too strenuous for under 16s – principally longer hill walks. Please note that this year the underground tours are for 18 years and over. For events where dogs are allowed, please keep them on a lead. If in doubt please ring the AONB Partnership Staff Unit on 01388 528801 for further advice.

A joint venture

Northern Rocks 2008 has only been possible through the close co-operation of the following organisations and individuals:

Dr Iain Boulton, Dr Margaret Bradshaw, British Geological Survey, Clive Crossley, Durham County Council, Durham University, East Cumbria Countryside Project, Friends of Killhope, Harehope Quarry Project, Mike Hyrbik, Killhope – the North of England Lead Mining Museum, Lapwing Crafts, Roger Morris, North Pennines AONB Partnership Staff Unit, North Pennines Heritage Trust, The Russell Society, Dr Bob Symes, Talkin Tarn Country Park, Twisted Digits UK, Weardale Community Partnership, YHA Dufton, Brian Young

Picture credits: Geological illustrations by Elizabeth Pickett (NPAP); cartoons by Marcus Byron; photographs are ©NPAP unless otherwise credited.



Rockworks

The North Pennines AONB became Britain's first European Geopark in 2003 and was one of the founding members of the UNESCO Global Geoparks Network a year later. The Northern Rocks Festival is part of a four year, £600K programme of work, known as Rockworks, which started in 2005. The aim of Rockworks is the interpretation and conservation of the world-renowned geological heritage of the North Pennines and to use it to support sustainable development.

Rockworks is funded by the Heritage Lottery Fund, Natural England, CDENT and LEADER+ and includes a wide range of projects and initiatives linked to the UNESCO Geopark status:

- **Rock Detectives** – geology clubs for children aged 6 to 12
- **Wheels to the Wild Cycle Route** – discover the geology and landscape of the North Pennines by bike. The guide is available from local shops, attractions, information centres and the AONB Partnership Staff Unit
- **Rockwalks and events** – walks and events with a geological theme, running through the year. These are part of the AONB Events Programme, as listed in the North Pennines Pocket Guide (see page 14)
- **Displays and trails** – site-based interpretation and geological trails
- **Educational resources** – Rock Boxes, activities and teaching materials
- **Books** – a series of publications on the area's geology and landscape
- **Training events** – workshops to help community groups and land managers understand their local geological heritage
- **Study programmes** – indoor and field-based opportunities for local people (see below)

For more information on the Rockworks project contact the AONB Partnership Staff Unit on 01388 528801 or info@northpenninesaonb.org.uk

Study Programme 2008 – Geology and Landscape of the North Pennines

Following the success of the 2007 course, local geologist Brian Young will lead a similar series of evening talks and field visits on behalf of the AONB Partnership in 2008. Running over eight weeks this autumn, the course will explore the geology and landscape of the North Pennines. We haven't finalised dates and a location yet but call the AONB Partnership on 01388 528801 with your details and we will send you further information when it is available.



































International Year of Planet Earth

2008 is International Year of Planet Earth, as declared by the United Nations (www.yearofplanetearth.org). This year of events and activities has the slogan 'Earth Sciences for Society' and aims to promote understanding of Earth science and sustainable use of Earth materials. The European Geopark Network is a partner in this International Year, and Northern Rocks 2008 is the North Pennines' contribution to the celebrations.



Northern Rocks 2008

The programme at a glance

Event name	Date	Type	Page
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A Bit of Brough	Mon 2 June		11
Lead and Silver Mining Heritage of Blanchland	Mon 2 June		11
Hushes and Gutters – Exploring Hudeshope	Tues 3 June		11
Rocks and Landscape of Cronkley Fell	Wed 4 June		11
Three Waterfalls Walk	Thurs 5 June		12
The Mines and Miners of Allenheads	Thurs 5 June		12
Magnificent Minerals	Thur 5 – Sat 7 June		12
Explore the Nent Valley	Fri 6 June		12
A Lead Mining Legacy	Fri 6 June		12
Killhope Rocks – Family Geology Weekend	Sat 7 – Sun 8 June		13
Journeys All Over the World	Sat 7 June		13
Plants and Rock on Widdybank Fell	Sun 8 June		13
Kids' Spar Box Workshop	Sun 8 June		13

Key to symbols used in the listings

Event type



Other info



See the map on the inside of the back cover for event venues. Most of the guided walks are 'Advance booking only' – start times and locations are given in the brochure.

Northern Rocks 2008

May

Sat 17 May – Tues 30 Sept

10.30am – 5pm

Molecules, Minerals, Matter

Killhope Lead Mining Museum/Jane Foale – Artist in Residence

Inspired by the outstanding mineral galleries at Cliffe Castle Museum, Keighley, West Yorkshire, Jane Foale's strikingly original works are displayed alongside Killhope's own unique collections of minerals and spar boxes. This exhibition is part of a year-long Artist's Residency at the Museum.

Venue **Killhope, the North of England Lead Mining Museum**

[NY 826 430]

Cost Normal Killhope charges apply

⚠ No need to book – just turn up!



Sat 24 May 9.30am – 6pm

Underground Exposure

Mike Hyrbik – Local Mine Explorer and Photographer/North Pennines Heritage Trust

Under the expert guidance of Mike Hyrbik, a local mine explorer and photographer, discover how to interpret mine workings and geology through photography underground.

Venue **Nenthead Mines Heritage Centre** [NY 781 436]

Distance/duration/grade 5 miles (8km)

/8.5hrs/Hard

Cost £25 – includes insurance and one year's membership of NPHT.

Pay in advance

Age 18 years +



⚠ Bring a compact digital camera and tripod. Includes some crawling through small tunnels, and walking through water. Bring wellingtons, warm clothing, overalls or old waterproofs and a rucksack. Lamps and helmets provided



Sat 24 May 9.30am – 4pm

The Stratigraphy of the North Pennines: A New Look at an Old Friend

Killhope Lead Mining Museum/Friends of Killhope

Take a more in-depth look at one aspect of the geology of the North Pennines with this series of talks. Find out about the latest research and discuss it with expert geologists. Ideal for those with some knowledge of the area's geology.

Venue **St John's Chapel Town Hall** [NY 885 379]

Cost £7.50 in advance, £8.50 on the day – advance booking preferred but not essential.

Age Adults (16 years +)



⚠ Lunch and refreshments included



Sun 25 May 10.30am – 4.30pm

Geology of Smallcleugh Flats

North Pennines Heritage Trust

A guided introduction to the mineralisation and structure of the Smallcleugh Flats.

Venue **Nenthead Mines Heritage Centre** [NY 781 436]

Distance/duration/grade 1½ miles (2.5km)

/6hrs/Hard

Cost £8 – includes one year's membership of NPHT (current NPHT members free). Pay in advance

Age 18 years +



⚠ Includes crawling and scrambling through small tunnels and walking through water up to 70cm deep. Bring wellingtons or boots, warm clothing, waterproofs and a small pack for lunch. Lamps and helmets provided



© Jane Foale





Sun 25 May 10am – 4pm 
**Rocks and Landscape in
 Fabrics and Fibres**

Lapwing Crafts/North Pennines AONB Partnership
 Using the North Pennines landscape and its rocks, fossils and minerals as inspiration, join local textile artists Caroline Mann and Cheryl Jackson for a creative day interpreting the landscape with felt, silk paper-making and the traditional craft of hooky & proggy.

Venue **YHA Langdon Beck** [NY 860 304]. Please car share if possible and park considerately.


Cost **£15** (pay in advance) plus **£7** for materials (pay on the day)

Age **Adults and children (5+)**. Children must be accompanied by adult



⚠ No previous experience necessary. We will be using an iron and detergent. Please bring an old towel (for felt-making), and if you have any fabrics you'd like to use for hooky & proggy please bring these along, with needles, thread and sharp scissors if you have them. Tea and coffee provided. Please bring **£7** per person for materials.



Sun 25 May 11am – 4pm 
**Burtreeford and Back:
 Upper Weardale's Geology**

Durham County Council

Ascend from St John's Chapel to Race Head in this introduction to the geology of Upper Weardale. Find out how the area's rocks and minerals have been exploited through mining and quarrying, and visit the famous Burtreeford Disturbance.

Start **St John's Chapel Town Hall** [NY 885 379]

Distance/duration/grade **6½ miles (10.5km)**
 /5hrs/Moderate

Cost **£2.50** per walker (no concessions), family ticket for **£7.50** (2 adults and up to 3 children under 12). Pay on the day

Age **11 years +**



Mon 26 May 10.30am – 4.30pm 
South Tyne Tour

Brian Young – Local Geologist

The upper reaches of the South Tyne valley contain some fine, and often overlooked, landscape gems. Geologist Brian Young will show us how to read today's rocks and landscapes to reveal what this part of the world was like over 300 million years ago.

Start **Garrigill village green**, outside pub [NY 745 415]




Distance/duration/grade **9 miles (14km)**
 /6hrs/Moderate

Cost **FREE**

Age **11 years +**



© M. Bryson

Mon 26 May 2pm – 4pm 
It Rocks! 


Twisted Digits UK/North Pennines AONB Partnership

Enjoy an original puppet and animation show and short walk based on the area's rocks and landscape, followed by a puppet-making workshop. Fun for all the family!

Venue **Bowlees Visitor Centre** [NY 907 282]

Distance/duration/grade **½ mile (1km)**/2hrs/Easy

Cost **£5** per family (up to 5 people). **£1** per extra person. Pay in advance



⚠ Dress to get messy!



Wed 28 May 11am – 3pm

Element-ary My Dear Watson! A Workshop in Mining Ecology and Geochemical Surveying Techniques

Dr Iain Boulton - Environmental Scientist
Join Dr Iain Boulton for a day on the River Nent to discover the continuing impact of past mining activities on the North Pennines. Learn a range of practical techniques to measure and monitor the geological, chemical and ecological effects of mining on the environment and people.

Start **Nenthead Mines Heritage Centre car park** [NY 781 436]

Distance/duration/grade 2 miles (3km)/4hrs/Moderate

Cost **FREE**

Age 11 years +



Wed 28 May 1.30pm – 3.30pm

Rock and Fossil Fun at Talkin Tarn

East Cumbria Countryside Project/Talkin Tarn Country Park

Fun craft-based activities for 5 to 12 year olds. Make fossil casts and build your own erupting volcano. Dress for mess!

Venue **Talkin Tarn Country Park** (Education Cabin), nr Brampton [NY 544 592] (pay & display car park)

Cost **FREE**

Age Children must be accompanied by an adult throughout event



No need to book - just turn up!
Refreshments available in tea room.

Thur 29 May 10am – 4pm

Exploring Cold Fell and New Water in Geltsdale

East Cumbria Countryside Project

A wonderful linear walk in the quiet Geltsdale hills, climbing Cold Fell and visiting New Water. A great opportunity to explore the landscape and heritage of this remote corner of the North Pennines. Includes minibus transport from Hallbankgate to start of walk at Newbiggin.

Start **Hallbankgate**, outside Belted Will pub [NY 580 596]. Please park considerably (small car park and roadside)

Distance/duration/grade 9 miles (14km)/6hrs/Hard

Cost **£6** (inc. travel). Pay in advance



Full hill walking kit required. Rough moorland walking in places. Once started the full walk must be completed - there is no short cut!

Tues 27 May 9am – 5pm

Across the Nick

North Pennines AONB Partnership
Discover geology, landscape and wildlife between Cow Green Reservoir and Dufton, via the spectacular High Cup Nick. Enjoy this fantastic, linear, high-level expedition. Includes minibus transport from Dufton to start of walk at Cow Green.

Meet **Dufton village car park** [NY 689 249]

Distance/duration/grade 11 miles (17km)/8hrs (inc. travel)/Hard

Cost **£6** (inc. travel). Pay in advance



Once started the full walk must be completed – there is no short cut!
Full hill walking kit required





Film



Holiday/residential



Bring a packed lunch



Workshop



Puppet show



Sorry, no dogs



Important information



Wear suitable clothing



Strong footwear essential

Thur 29 May 11am – 4pm



Getting to Know Rocks and Minerals

Killhope Lead Mining Museum/Brian Young – Local Geologist

Enjoy a hands-on day in and around Killhope. Geologist Brian Young will show us how to spot the area's rocks and minerals and how this can add so much more to enjoying the countryside. After an introductory session inside we'll spend the rest of the day outdoors looking at the local rocks and minerals.

Venue **Killhope, the North of England Lead Mining Museum**

[NY 826 430]

Distance/duration/grade ½ mile (1km)/5hrs/Easy

Cost Normal Killhope charges apply

Age Adults and older children



⚠️ Bring packed lunch or visit the Killhope café

Fri 30 May

11am – 12 noon and 2pm – 3pm



Rock Safari

North Pennines Heritage Trust

Hands-on geology! Search a dry riverbed for rocks and minerals left behind by Victorian miners. Staff will be on hand to help with identification in this excellent introduction to geology for all the family.

Venue **Nenthead Mines Heritage Centre** [NY 781 436]

Cost Normal Nenthead Mines charges apply, children free

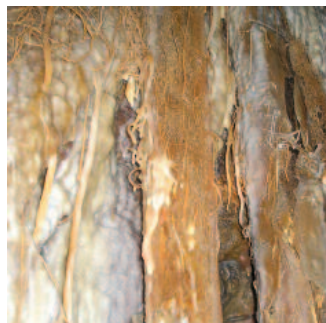
Age 5 years +



⚠️ No need to book – just turn up!



© M Byron



Sat 31 May 10.30am – 4.30pm

Geology of Carrs Mine – Beyond the Show Mine!

North Pennines Heritage Trust

A guided trip to the rarely visited levels of Carrs Mine to look at some well preserved remains of large mineral workings. Includes a 30 minute talk at the start.

Venue **Nenthead Mines Heritage Centre** [NY 781 436]

Distance/duration/grade 1 mile (1½km)/6hrs/Moderate

Cost £8 – includes one year's membership of NPHT (current NPHT members free) Pay in advance

Age 18 years +



⚠️ Includes crawling and scrambling through small tunnels, walking through water up to 30cm deep and climbing some ladders. Bring wellingtons or boots, warm clothing, waterproofs and a small pack for lunch. Lamps and helmets provided

Thur 29 May 7.30pm – 9pm



Lead Pipes, Brass Knobs and Toothpaste

Brian Young – Local Geologist

Have you ever wondered where some of our everyday objects come from? Surprisingly, many begin life in the rocks and minerals that make up the North Pennines. Come along and hear Brian Young outline why you might like to think of the North Pennine dales when you run a bath, open the fridge, read a magazine or even brush your teeth!

Venue **Dales Centre, Stanhope** [NY 996 393]

Cost FREE

Age 11 years +



⚠️ No need to book – just turn up!

Fri 30 May 10am – 4pm



The Railway at the Top of the World – The Rookhope-Middlehope Railway

Dr Iain Boulton - Environmental Scientist

Dr Iain Boulton will help us explore the route of the highest standard gauge railway line ever built in England. Surrounded by some of the best views in the North Pennines we'll discover the history of this famous mining area. There's treasure in the ground – but there's also treasure on top!

Start **Rookhope Village Hall car park** [NY 938 429]

Distance/duration/grade 4 miles (6km)/6hrs/Moderate

Cost FREE

Age 11 years +





Guided walk



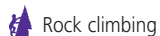
Art/craft activity



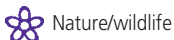
Underground tour



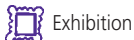
Talk



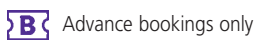
Rock climbing



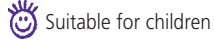
Nature/wildlife



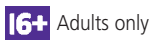
Exhibition



Advance bookings only



Suitable for children



16+ Adults only

Sat 31 May 2pm – 4.30pm A Walk in the Woods at Allen Banks



North Pennines AONB Partnership
Discover the National Trust's
spectacular valley in the heart of
Tynedale. Amongst beautiful
woodlands we'll see evidence of
ancient deltas, tropical seas and vast
ice sheets.

Start **National Trust car park at Allen
Banks** [NY 798 640] (pay and display)

Distance/duration/grade 2 miles
(3km)/2.5hrs/Easy

Cost FREE

Age 8 years +



⚠ No need to book – just turn up!



Sun 1 June 1pm – 4pm Nenthead - Past Lives and Landscapes



Roger Morris - Local Historian

In this guided walk and visit to an
exhibition, Roger Morris will
introduce us to Isaac Holden's
family, who made their mark on the
North Pennines and beyond. The
survival of many historic features
around Nenthead helps bring the
past to life. Enjoy a leisurely stroll
back to the 1800s with time for a
cup of tea at the end of the walk.

Start **Nenthead Mines Heritage
Centre** [NY 781 436]

Distance/duration/grade 4 miles
(6.5km)/3hrs/Moderate

Cost FREE

Age 11 years +



⚠ No need to book - just turn up!



Sun 1 June 1pm – 4.30pm Make Your Own Fossil



Killhope Lead Mining Museum

Come along to Killhope and have
fun making your own fossil. All
materials provided.

Venue **Killhope, the North of
England Lead Mining Museum**
[NY 826 430]

Cost £1.50 per child plus normal
Killhope charges. Pay on the day

Age 5 – 10 years



⚠ No need to book - just turn up!
Dress to get messy!



June

Sun 1 June 10am – 3.30pm Touching the Rock



East Cumbria Countryside Project

Have a go at rock climbing and
abseiling with a fully qualified
instructor. Suitable for beginners and
all climbing and safety equipment
provided. A great way to look at
rocks from a different view point!

Meet **Appleby Broad Street car
park** [NY 685 204]. Car share to crag

Duration 5½hrs

Cost £6 (inc. equipment). Pay in
advance

Age 9 years +. Under 18s must be
accompanied by an adult



⚠ Half mile walk to crag. Bring
outdoor clothing and waterproofs –
loose fitting is best

Sun 1 June 2pm – 4pm Fossil Foray



Harehope Quarry Project

Come and discover the rocks and
fossils of Harehope Quarry. Make
Plaster of Paris fossils (materials
provided) and dig for fossils in our
'Georium'!

Venue **Harehope Quarry, near
Frosterley** [NZ 038 365]

Cost £2 per child. Pay on the day

Age Under 8s must be accompanied
by an adult



⚠ Dress to get messy!
Refreshments available. No need to
book - just turn up!



Film



Holiday/residential



Bring a packed lunch



Workshop



Puppet show



Sorry, no dogs



Important information



Wear suitable clothing



Strong footwear essential

Mon 2 June 10am – 4pm A Bit of Brough



North Pennines AONB Partnership

Join us for a circular walk from Brough to explore the beautiful landscape and geological foundations of this southern corner of the North Pennines. Find out how tropical seas, ice sheets, water and people have shaped the landscape.

Start **Brough, centre of village near clock tower** [NY 794 146]

Distance/duration/grade 6 miles (10km)/6hrs/Moderate

Cost FREE

Age 11 years +



Mon 2 June 2pm – 5pm The Lead and Silver Mining Heritage of Blanchland



Clive Crossley – Local Historian and Conservationist

An exploration of the ancient lead mining heritage of Blanchland and how it has influenced the character of the village and surrounding settlements.

Start **Blanchland village car park** [NY 964 504]

Distance/duration/grade 3 miles (5km)/3hrs/Moderate

Cost FREE

Age 8 years +



Tues 3 June 10.30am – 4.30pm Hushes and Gutters – Exploring Hudeshope



Killhope Lead Mining Museum/Brian Young – Local Geologist

Ian Forbes of Killhope Museum and local geologist Brian Young invite you to join them on an exploration of the rich variety of rocks, landscape and mining remains in one of the most important former centres of North Pennine lead mining.

Start **Middleton-in-Teesdale, Tourist Information Centre** [NY 947 255]

Distance/duration/grade 6 miles (10km)/6hrs/Moderate

Cost FREE

Age 11 years +



© Natural England/Charlie Hedley

Wed 4 June 10am – 5pm On Top of the World – The Rocks and Landscape of Cronkley Fell



Brian Young – Local Geologist

Explore some of the least visited, but most interesting, parts of the Whin Sill and its associated rocks on Cronkley Fell. With geologist Brian Young see some of the classic features of the area as well as some fascinating new discoveries.

Weather permitting, we'll see great views, great rocks and some wonderful plants.

Start **Hanging Shaw car park, Forest-in-Teesdale** [NY 867 298]

Distance/duration/grade 7½ miles (12km)/7hrs/Moderate-Hard

Cost FREE

Age 11 years +



⚠ Full hill walking kit required



Guided walk



Art/craft activity



Underground tour



Talk



Rock climbing



Nature/wildlife



Exhibition



Advance bookings only



Suitable for children



Adults only



Thur 5 June 2pm – 6pm The Mines and Miners of Allenheads



Clive Crossley – Local Historian and Conservationist

A walk around and above Allenheads, exploring the mining, processing and smelting of lead ore and the harsh conditions of life for the mining families.

Start **Allenheds Heritage Centre** [NY 859 453]. Please park in village car park across road from pub

Distance/duration/grade 4 miles

(6.5km)/4hrs/Moderate

Cost: FREE

Age 8 years +



Thur 5 – Sat 7 June Magnificent Minerals



YHA Dufton

Spend a couple of days discovering the area's fantastic minerals, mines and archaeology. There will be slide shows on Thursday and Friday evenings and a trip down Kirkby Thore gypsum mine on Friday. On Saturday, head for the fells to discover minerals and explore Silver Band Mine. Pick from a menu of events or stay the whole weekend!

Venue **YHA Dufton** [NY 688 251]

Cost For further details on events, costs and accommodation contact Dufton Youth Hostel

Age Adults (16 years +)

Contact YHA Dufton to book on 0870 7705800 (dufton@yha.org.uk)



Meals not included but are available at hostel. Bring waterproofs, walking boots and head torch. Reasonable level of fitness required

Fri 6 June 10.30am – 4.30pm Explore the Nent Valley



Brian Young – Local Geologist

Local geologist Brian Young will take us on a linear walk along the Nent Valley looking at rocks and minerals, exploring the shape of the hills and looking at the remains of the mineral riches that made the area world famous. Includes minibus transport from Nenthead to start of walk at Alston.

Start **Nenthead Mines Heritage Centre car park** [NY 781 436]

Distance/duration/grade 5 miles

(8km)/6hrs (inc. travel)/Moderate

Cost £4 (inc. transport). Pay in advance

Age 11 years +



© Natural England/Charlie Hedley



Fri 6 June 10.30am – 4pm A Lead Mining Legacy



Durham County Council

Explore the remains of the lead mines and smelt mills of the upper Derwent Valley and find out about the area's geology as you go.

Start **Blanchland village car park** [NY 964 504]

Distance/duration/grade 7 miles

(11km)/5.5hrs/Moderate

Cost £2.50 per walker (no concessions), family ticket for £7.50 (2 adults and up to 3 children under 12). Pay on the day



Thur 5 June 9.30am – 5pm Three Waterfalls Walk



North Pennines AONB Partnership

A linear walk along the Pennine Way, past the spectacular waterfalls of Cauldron Snout, High Force and Low Force. Find out how the Whin Sill formed and discover the area's unique habitats and mining heritage. Includes minibus transport from Bowlees to start of walk at Cow Green.

Start **Bowlees Visitor Centre** [NY 907 282]

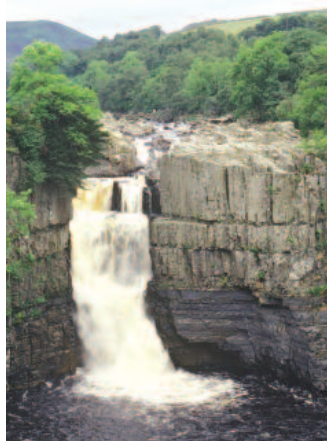
Distance/duration/grade 9 miles

(14km)/7.5hrs (inc. travel)/Hard

Cost £4 (inc. travel). Pay in advance



Full hill walking kit required





Film



Holiday/residential



Bring a packed lunch



Workshop



Puppet show



Sorry, no dogs



Important information



Wear suitable clothing



Strong footwear essential

Sat 7 – Sun 8 June



12noon – 5pm (Sat)

7.30pm – 9pm (Sat)

10.30am – 4pm (Sun)

Killhope Rocks – Family Geology Weekend

Friends of Killhope/Killhope Lead Mining Museum/The Russell Society/British Geological Survey/Durham University/Brian Young – Local Geologist/Dr Bob Symes

During the day on Saturday and Sunday, see some fabulous minerals from the North Pennines and learn about the minerals, geology and mining history of the area. Bring along rocks and minerals for our experts to identify in our 'Rocky Road Show'. On Saturday evening, enjoy a free illustrated talk in St John's Chapel on "Minerals of Northern England" by Dr Bob Symes. Families – don't miss 'Journeys All Over the World' (see below).

Venues Killhope, the North of England Lead Mining Museum [NY 826 430], Saturday evening talk at Barrington Hall, St John's Chapel (behind the Town Hall), [NY 885 379])

Cost FREE



⚠ No need to book – just turn up! Refreshments provided



Sat 7 June 10am – 4pm

Journeys All Over the World



Weardale Community Partnership/Friends of Killhope/Twisted Digits UK

Come and explore amazing journeys and stories from Weardale's mining past and join us for a day full of fun-packed family activities. Take part in a story trail, puppet making and Victorian dressing up with photos. Enjoy live music, an exhibition and short films made by local artists and children.

Venue Killhope, the North of England Lead Mining Museum [NY 826 430]

Distance/duration/grade ½ mile (1km)/1hr/Easy

Cost Normal Killhope charges apply
Age 3 – 10 years (under 5s must be accompanied by an adult)



⚠ No need to book. Events will be running all day so just turn up and join in at any time! Dress to get messy!



Sun 8 June 10am – 1pm Plants and Rock on Widdybank Fell



Dr Margaret Bradshaw – Local Botanist
A walk along Widdybank Fell in the company of an expert botanist to explore the relationship between flora and the underlying geology.

Start **Cow Green Reservoir car park** [NY 811 309]

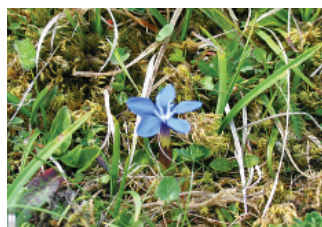
Distance/duration/grade 2½ miles (4km)/3hrs/Easy

Cost FREE

Age Adults (16 years +)



⚠ Full hill walking kit. Knee-pads, notebook and hand lens would be useful if you have them



Sun 8 June 1pm – 4.30pm All that Glitters is Not Gold – Kids' Spar Box Workshop



Killhope Lead Mining Museum

Draw your inspiration from the fabulous Victorian spar boxes on display at Killhope and then have a go yourself!

Venue Killhope, the North of England Lead Mining Museum [NY 826 430]

Cost £5 per child plus normal Killhope charges. Pay on the day
Age 5 – 12 years



⚠ No need to book – just turn up. Dress to get messy!



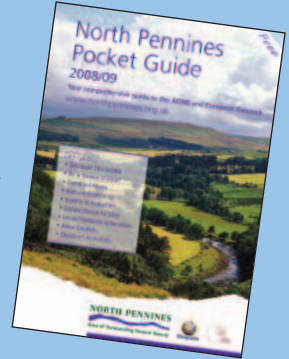
European Geoparks Week

The Northern Rocks Festival is part of European Geoparks Week, an annual summer celebration aimed at promoting the geology and landscapes of the 32 UNESCO European Geoparks. European Geoparks are places with outstanding geological heritage where this is being used to support sustainable development. European Geoparks are part of a wider network of UNESCO Global Geoparks. For more details visit www.europeangeoparks.org and www.worldgeopark.org



North Pennines Pocket Guide 2008/09

This handy pocket guide is full of things to see and do in the North Pennines AONB and UNESCO European and Global Geopark. It's full of useful information to make your stay in this fantastic area an enjoyable one. Find out about what's special about the area and opportunities for walking, cycling, riding, wildlife-watching and visiting local attractions.



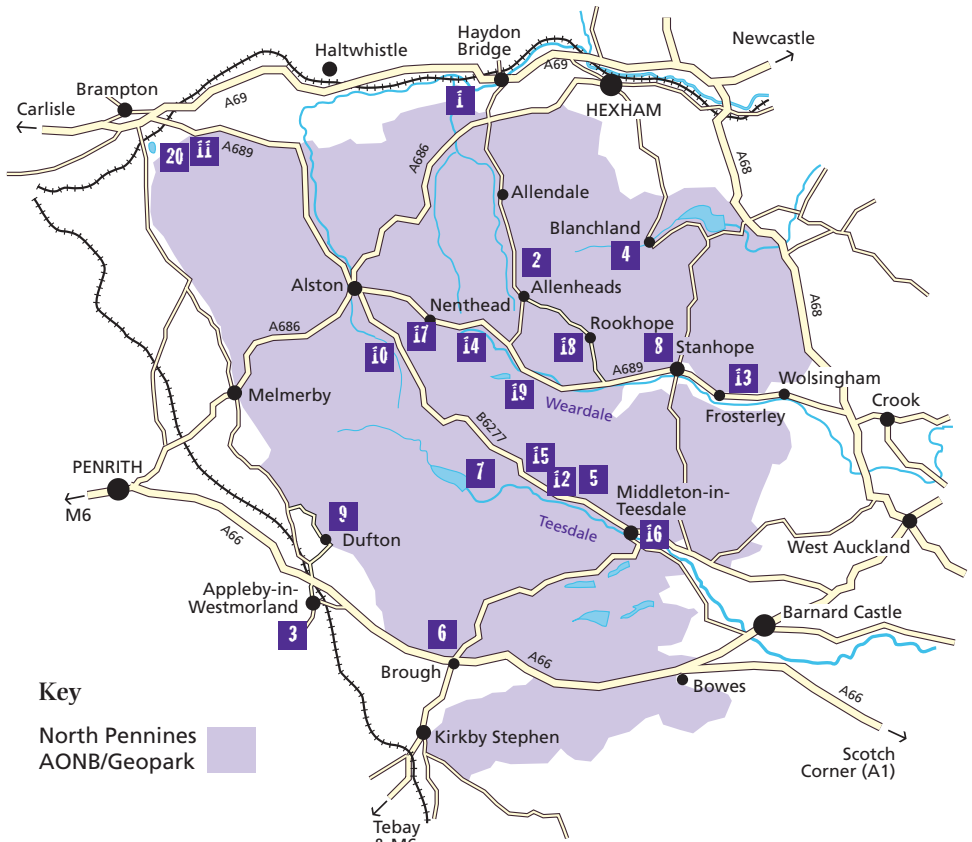
More Events and Activities!

As well as the Northern Rocks Festival we are also running AONB events between May and October 2008. Discover the area's stunning landscape, geology, archaeology and wildlife through guided walks, craft events, residential events, workshops and events for children. Look for details in the Pocket Guide.

Find out more

- Visit www.northpennines.org.uk
- Call 01388 528801 (info@northpenninesaonb.org.uk) to request a copy of the Pocket Guide





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Event venues

- | | |
|--|--|
| i Allen Banks NY 798 640 | i11 Hallbankgate NY 580 596 |
| 2 Allenheads NY 859 453 | i12 Hanging Shaw NY 867 298 |
| 3 Appleby, Broad Street NY 685 204 | i13 Harehope Quarry NZ 038 365 |
| 4 Blanchland NY 964 504 | i14 Killhope Lead Mining Museum NY 826 430 |
| 5 Bowlees Visitor Centre NY 907 282 | i15 Langdon Beck Youth Hostel NY 860 304 |
| 6 Brough NY 794 146 | i16 Middleton-in-Teesdale NY 947 255 |
| 7 Cow Green Reservoir NY 811 309 | i17 Nenthead Mines Heritage Centre NY 781 436 |
| 8 Dales Centre, Stanhope NY 996 393 | i18 Rookhope NY 938 429 |
| 9 Dufton NY 689 249 | i19 St John's Chapel Town Hall NY 885 379 |
| i10 Garrigill NY 745 415 | 20 Talkin Tarn Country Park NY 544 592 |

Northern Rocks 2008, running between 24 May and 8 June, is the fifth annual festival of North Pennine geology and landscape. The two weeks are full of over 30 events and activities to help you discover the geological secrets of the North Pennines.

Join a themed walk and see the North Pennines through fresh eyes; sign up for a geological short break; 'touch the rock' with a qualified climbing instructor; explore old lead mines with expert guides; have a go at underground photography and try your hand at felt making!

We can provide the information contained in this publication in large print, different formats and other languages on request. Please call 01388 528801 for details.

The North Pennines AONB Partnership...

...is an alliance of 24 public, statutory and voluntary sector organisations. The AONB Partnership, through its Staff Unit, takes action to look after the natural beauty of the North Pennines and seeks to co-ordinate the efforts of others. It also raises awareness of the AONB's special qualities. The Staff Unit administers the UNESCO European and Global Geopark status for the AONB.

The North Pennines AONB Partnership holds a Gold GTBS Award for its corporate office and tourism activities.



The Northern Rocks Festival 2008 is an initiative of the



and is being primarily supported by



along with



North Pennines AONB Partnership, Weardale Business Centre, The Old Co-op Building,
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