

Outdoor sessions

Fossil hunting trips

The Yorkshire Coast is famous all over the World for the mainly Jurassic fossils that can be found at many locations. We can offer trips at most of the beaches on the coast to fit with your plans, including Cayton Bay and Boggle Hole.

These trips are tide dependent so we advise a conversation with us before any plans for transport etc are arranged.



Dinosaur footprint walks



The most famous fossils found on the Yorkshire Coast are the dinosaur footprints, dating from the Jurassic period these 165 Million Year old fossils can be explored with your school in Scarborough South Bay. The session also involves lots of practical work, including walking, running and jumping like dinosaurs!

These walks are less dependent on the tide than the fossil hunting trips but an early conversation with us is advisable about your preferred date and times.

Rock-pooling sessions

Our preferred location for Rock-Pooling is Scarborough South Bay, but we can often arrange trips to other locations if they better suit your needs. The Yorkshire Coast is rich with marine life and apart from the coldest winter months we will always find a multitude of species to amaze inform your group.

These sessions are only possible at low tide, so timing is very important, so if possible please do contact us before confirming any travel arrangements.



Seashore scavenger hunts



If your trip does not coincide with a suitable tide time for any of the above trips then all is not lost, we can usually run a seashore scavenger type activity.

Looking at the wide variety of material washed up on our beaches, these sessions can be tailored to your location and requirements, but a popular option is to use the finds to create some beach art.

Mini-beast hunts

New for 2015 - We are now able to offer expert led mini beast hunts, either at a venue of your choice or we can help you find a location suitable for your class.

We provide all the equipment and reference material to help you and your pupils explore the natural world around us, be amazed at the bugs and beasts we can find and enjoy the great outdoors!



Indoor sessions

What is a fossil?

This indoor session makes use of our extensive collection of fossils and replicas from all over the World. With over one thousand objects to choose from we can structure a session to cover the full 4.6 Billion Year history of the Earth, and best of all every object can be handled.

This session can be delivered in your school or at the location you are staying in, and can be tailored to suit your needs and time. Longer sessions can involve more practical work, including making replica plaster fossils.



Journey through the Universe



This indoor session will take you on a journey starting out from our Sun and introduces the 8 planets. In addition our 4.5 Billion Year old Solar System is home to moons, icy comets and rocky asteroids and you will learn about some of these fascinating bodies including the chance to handle real meteorites.

Leaving our Solar System behind and you will explore the wonders of our Milky Way galaxy including star clusters and learn about the life cycle of stars. Our Milky Way is not the only galaxy though and the session will conclude by looking at some of our galactic neighbours that are located many millions of light years away on the edge of our observable Universe that was created in the Big Bang 13.8 Billion Years ago!

Barn Owls

Find out about Barn Owls, understand where and how they live. Each person will dissect a barn owl pellet to determine what the barn owl has eaten, This will involve the careful dissection of the pellet. You will use reference sheets and keys to identify the prey species. These include Shrews, Voles, Mice and Moles.

You will explore the prey species and understand the differences between them and something of their natural history where they live what they eat. We then go on to look at skeletons as the various bones emerge from the pellet.

We will provide all equipment reference Natural history reference specimens and expert tuition. The pellets come from wild owls and the records that you generate will be added to the overall documentation and prey analysis of the barn owls in North and East Yorkshire.



Meet the Dinosaurs



The star of this indoor session is the one meter long replica Allosaur skull, the nearest dinosaur we have to Megalosaurus, the largest carnivorous dinosaur that lived on the Yorkshire Coast 165 Million Years ago.

The session also includes Velociraptor and Archaeopteryx replicas alongside genuine dinosaur footprint material and other fossils from Yorkshire and elsewhere in the world.

We even have a genuine meteorite for people to handle, is that what killed the dinosaurs off, indeed did they all die out 65 Million Years ago...

Loans boxes

New for 2015 - We now have a number of loans boxes available for you to hire. We have boxes containing a variety of rocks and fossils, including notes and guide books to help you make the most of the material.

We are flexible around hire periods and can, if needed, deliver the boxes to your school.



Prices, booking & further info

We will always tailor a session to your particular requirements, and all of the above sessions can be altered, combined or added to ensuring you get the best possible session. We can also provide pre and post visit resources. All of our leaders are very experienced and experts in their areas and we carry full insurance, provide risk assessments and DBS clearance.

Please contact us to discuss your requirements. As a guide, sessions start at £3 per pupil per one hour session, but this is only a guide and discounts for larger groups and multiple sessions may apply. Loans boxes start at £30 per week.

**Contact us 7days a week and on evenings via
www.hiddenhorizons.co.uk - contact@hiddenhorizons.co.uk - 07964 759433**

Coming soon

We are always looking to develop new packages and in 2015 we aim to launch..

- Pond dipping and river invertebrate hunts
- A new rocks and soils package
- A specific Scarborough pre-history session

If there are any other subjects you would like us to look at please do get in touch.



Turn over to see what people say about our schools sessions...



Hidden Horizons Ltd
Woodend Creative Workspace, The Crescent,
Scarborough, UK, YO11 2PW

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Feedback from some of our school sessions and trips...

'The children loved handling the rocks and fossils, it really brought the topic alive'

KS2 Teacher who had borrowed the rocks and fossils loans boxes



'In a couple of sentences he changed to way I look at the coastline for ever'

Journalist Sheena Hastings writing in the Yorkshire Post about a fossil hunting trip

'The whole week worked well, there was a real buzz around school'

Teachers at a primary school who booked a whole week of dinosaur activities



'Great Afternoon of fun and education...the Team are very good with the kids and explaining the details of the rocks and about the land around the bay. The kids gave it 10 out of 10!'

Parents of a young family on a fossil hunting trip

'...wonderful rock pooling sessions... we found so many amazing creatures that were hiding in or on the rocks... the guides were very helpful, informative and friendly.'

Parents of a young family on a rock-pooling trip



Hope to see you soon!