



GA Festival of Geology 2024

URBAN GEOLOGY WALKS IN LONDON

Sunday 3 November

1. Rocks and Fossils of the City of London Led by Mike Howgate Start time: 11 am



From St. Paul's station we will walk around the outside of the Cathedral to see Shap granite bollards, Ordovician Orthocone Nautiloids in red Oolite limestone and masses of oysters in the Purbeck limestone Grub Bed. We will of course see lots of Jurassic Portland Stone, including excellent examples of 'Portland Screws' and 'Osses 'Eds' in Roach Stone benches placed there for City bank workers. Other granites will be examined for evidence of cooling and convection currents. Dune bedded sandstones and 3-D examples of *Thalassinoides* burrows will add to the excitement, building to a dinosaur footprint hidden in an alleyway near Bank tube station which is where the walk ends.

2. Geotrail around Lesnes Abbey Woods Led by Diana Clements (London Geodiversity Partnership) Start time: 11 am



Lesnes Abbey Woods is famous for its Fossil Pit that has been the source of small mammal bones representing 47 different species. By far more numerous are the fossil shark teeth and a variety of molluscs. This geotrail will stop briefly at the Fossil Pit and will visit the old quarry of Chalky Dell but it will be a round trip also looking at the geology in general (Chalk, Thanet Sand and Blackheath Beds in particular) and discuss the affect that the geology has had on the siting of Lesnes Abbey and other features. We will finish at the Chestnut Kiosk near the Abbey.

3. For families: *Geological Illustrations in Crystal Palace Park. Dinosaurs and other animals* Introduced by Peter Doyle Start Time: 11 am (repeat of the popular walk led by Peter last year)



Ever wondered what the Victorians thought dinosaurs looked like? Would you like to know more? Peter Doyle will lead a trip to the world-famous Crystal Palace Park in south east London, taking you on a trip back in time to see what Victorian scientists thought the world was like millions of years ago. Peeping out of the undergrowth of the park you will see geological formations brought to the park from across Britain, and, amazingly full-size statues of dinosaurs, marine reptiles like ichthyosaurs, plesiosaurs and a mosasaur. But that's not all. In the bushes you will get to see the reconstructions of fossil mammals from Britain and the world, all set in a geological time trail. Peter will take you on that trail, and together we will experience what it was like to be a palaeontologist over 170 years ago!

Non-GA Members and beginners are welcome but booking is essential
There is a charge of £5 per person per trip for walks 1 & 2 and £2.50 each, walk 3

Register online via the GA website: www.geologistsassociation.org.uk/festival.html
NB some places will be reserved for people to book in person at the Festival of Geology in Burlington House on 2 November



For further details for any of the trips please contact fieldtrips@geologistsassociation.org.uk or telephone 020 7434 9298. Full details will be sent nearer the time to those who register