



Autumn 2020 Virtual Day Schools

We're replacing our usual Autumn programme of Day Schools, that we run around the country, with virtual events that we are holding in your home! They take place on Wednesdays throughout the Autumn and are suitable for all!. Each will cover the chosen topic in a lively and interesting way and will give you the opportunity to study further at home.

Each day begins at 10.00 with a live Zoom meeting, this is followed by a guided learning morning session. There's a further live Zoom meeting at 1.30 to follow up on the morning session and introduce your afternoon tasks. Your day will end at 4.00 with a final live Zoom meeting, where we will attempt to answer all your questions. If you can't access the live Zoom meetings, they will be recorded and put up onto Moodle for you to enjoy later on 'catch up'.

Virtual Day Schools cost £20.00 each or you can enrol on all 5 for just £80.00. If you'd like printed papers for each day they are £5.00 extra. For further details go to: www.geosupplies.co.uk (Booking can be done through our online shop)

September 23 The Geology of the British Isles in a Day

The geological history of our country spans more than 3 billion years and begins with the Lewisian Gneisses of Scotland. It's an action packed story with many a plate tectonics induced twist and turn. We've traversed much of the globe from high southern latitudes to the heat of equatorial belts to the northern tropics with arid desert conditions to our present temperate latitude of the northern hemisphere. Hang on to your hats, this is going to be a bumpy ride, that's not for the faint hearted!

Additional resources available: The Geology of Britain (Toghill) £16.99 • Bedrock Geology of the UK & Ireland (Map) £7.95
The British Isles' journey through time in maps £5.50

October 14 Metamorphism and metamorphic rocks

Let us open up the book for you on these elusive and seemingly hard to understand rocks! During this varied day we'll be taking a look at the rocks and revealing their special characteristics. Learn about Norman Bowen's work in the Scottish Highlands and how metamorphic rocks fit into the theory of plate tectonics. Most of all, we hope that you will understand and appreciate this important class of rocks.

Additional resource available: Metamorphic Rocks home kit, around 12 rocks and a Metamorphic Rocks Datacard £11.95

November 4 The ups and downs of the fossil record

At least 2 billion years ago we see the first record of life in the form of primitive fossil material. Over time there have been numerous extinction events, with five very large such events. We'll take you through the fossil record explaining why extinctions and subsequent rises of new forms happen. From *Charnia* in the late Precambrian through to the demise of the dinosaurs at the end of the Cretaceous, it's all here!

Additional resource available: Fossils, the history of life (Rigby) £7.50

November 25 How the Earth works - plate tectonics

The theory of plate tectonics defines how we view the way processes work on the Earth today. But it hasn't always been that way. During this action packed day, we'll take you through the development of plate tectonics theory in an historic timeline. At the end, we'll reveal some of the exciting things that are still going on as today's scientists try to reveal the inner workings of planet Earth.

Additional resources available: Introducing Tectonics £16.00 • The Earth's Surface (folded map) £4.95

December 16

Pioneers of geology - Christmas special

We can trace the roots of the science of geology back a very long time, but some of the most important advances were made during the latter part of the 18th and early part of the 19th centuries. A little more than a handful of people made huge strides towards an understanding of deep time and how to divide it up. We'll take in those people some good, some not quite so, and see how they relate to our own interest and understanding of the subject. As it's Christmas, we'll have some fun along the way!

Additional resources: We have a number of books covering people like Roderick Murchison, Mary Anning William Smith and Adam Sedgwick - ask us for details.

Not all of the 'additional resources' are on our website, if in doubt, ring us!