

Down to Earth
"Earth science learning for all"

Backyard Geology - and a little beyond!



Backyard Geology - and a little beyond! An 8-week Face-to-face course for adults

KEY INFORMATION

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| COURSE TITLE: | Backyard geology - and a little beyond! Your toolkit to unlock the geology of your local area. |
| LEVEL: | The course is designed for anyone interested in learning more about how to study the geology and landscape of the local area. No previous knowledge is required. |
| COURSE FEES: | £55.00, (includes BGS map), or £8.00 per session, extra £5.00 for access to online materials. |
| DATES: | The course runs for 8-weeks from mid-January 2020, see overleaf for the dates for your chosen venue. |
| DELIVERY: | The course will be delivered at Totley Rise Methodist Church (Monday 2.30-430), The Commercial, Chapelton (Thurs. 10-15-12.15) & Eyre Chapel, Chesterfield (Thurs. 2.-4) |
| COURSE TUTORS: | Chris Darmon & Colin Schofield |
| CONTACT: | email: downtoearth@geosupplies.co.uk or tel. 0114 245 5746 |

OUR EDUCATIONAL PHILOSOPHY

Our aim is to provide a relaxed learning environment in which we can all learn, both from the tutor and each other. In short, exactly the original WEA learning model. We hope that everyone will want to complete the tasks we set you, though nobody will be insisting that you do. Feedback and positive encouragement will always be given - we want you to gain knowledge and confidence from everything you do! We encourage you to share ideas and experiences - if you are happy to do this, it can be facilitated on Moodle quite easily in a forum. Once again, this is down to your choice - nobody will be insisting that you do.

To protect our materials, we must ask you to agree not to share them with anyone not enrolled on the course by any means, including email. This is a condition of you enrolling on this course.

HERE'S HOW IT WILL WORK

This course will be running concurrently with distance learners who will be studying their own favourite, or local area. This commences in mid-January and it would be good if you could share some of your findings, with them but there's is no compulsion to do so. Colin Schofield will also be posting interesting things onto Moodle that you can also access. Most importantly, you'll also have the materials that show you how to go about learning about any area of the British Isles for yourself. All this comes for just an additional payment of £5.00.

The 'tools' of the course are the BGS geological map and the rocks,, minerals and fossils of your local area. But you'll also need a few 'tools' that only you can provide: careful observation, curiosity, collecting and a willingness to carry out a bit of detective work (or research if you want the fancy word). Most of our sessions will involve at least some practical work with the map, photographs or specimens.

THE AIMS OF THE COURSE

- To introduce you to the rocks of your local area.
- To teach you how to read rocks and landscape.
- To introduce you to the treasure trove of information that's available from BGS maps.
- To appreciate the enormity of time contained within the geological column of your chosen area.
- To understand the geological journey our local area has been on.
- To look at the record of life that's recorded in our local fossils.
- To appreciate the 'fruits of the Earth' in the form of the economic products that have been worked in your local area.

WHO IS THE COURSE AIMED AT?

Everyone can learn the basics of geology and there's no better way than to engage with your local geology. This course would be suitable for anyone with a curiosity about rocks and landscape. You certainly don't need to know much about geology, so this would be suitable for a beginner as well as someone with a little more knowledge.

All three of our local classes are composed of people who are friendly and welcoming to new people, So if you haven't joined us before, why not give it a try? Remember that if you can;t come any week, you can always go to one of the other two venues.

WHAT DO WE PROVIDE?

For the Eyre Chapel course, we'll provide each person with a copy of the Chesterfield geological map. For the two Sheffield classes, we'll provide the 1:50 000 Sheffield BGS map. Both maps are recent editions with some superb information.

If you have either or both of them, we'll provide you with a BGS map of your choice, from either the 1:50 000 or 1:25 000 ranges.

In addition, each week we'll provide appropriate specimens and/or photographs and handouts for the class.

THE STUDY TOPICS

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| <i>Unit 1 Geology in our own backyard</i> | <i>Where, to look, what to expect! Learn to expect the unexpected!</i> |
| <i>Unit 2 Geology is everywhere</i> | <i>The geology of the British Isles in four pages</i> |
| <i>Unit 3 Rocks from your patch</i> | <i>Earth materials from a 50 km radius of your home.</i> |
| <i>Unit 4 Reading your geological map</i> | <i>Unlocking the treasure trove of information contained on one sheet of paper!</i> |
| <i>Unit 5 Your geological time machine</i> | <i>The geological history of your local area, from beginning to end.</i> |
| <i>Unit 6 Reading rocks and landscape</i> | <i>Every picture tells a geological story!</i> |
| <i>Unit 7 The record of life</i> | <i>Local fossils and the stories they tell about the palaeoenvironment and climate.</i> |
| <i>Unit 8 Fruits of the Earth</i> | <i>The economic geology of your area, and what it tells you about the area today.</i> |

OUR VENUES & DATES...

Eyre Chapel, Newbold, Chesterfield **Thursdays 2.00 - 4.00**

Dates: January 16, 23, 30. February 6, 13, 20, 27 & March 5

Facilities: Car parking, flat access, ground floor room. Hot drink & biscuits provided at 30p per week.

Transport: Buses from Chesterfield town centre within 100m.

The Commercial, Station Road, Chapeltown **Thursdays 10.15 - 12.15**

Dates: January 16, 23, 30. February 6, 13, 20, 27 & March 5

Facilities: Car parking, upstairs room. Hot drinks available from the bar.

Transport: Bus X2 Barnsley-Sheffield within 100m. Chapeltown station 5 mins.

Totley Rise, Methodist Church, 1 Grove Rd, Sheffield S17 4DJ **Mondays 2.30 - 4.30**

Dates: January 20, 27, February 3, 10, 17, 24 & March 2, 9

Facilities: Car parking, flat access, ground floor room. Hot drink & biscuits provided at 30p per week.

Transport: Buses from Sheffield city centre and Derbyshire within 100m.

WHAT TO DO NEXT...

You can enrol on the course by going to our website: www.geosupplies.co.uk then entering the online shop. Once there, choose 'face-to-face' courses

You can also enrol using any credit or debit card by ringing us on: 0114 245 5746

For more information Email: downtoearth@geosupplies.co.uk

**If you have any questions or queries - contact Chris Darmon as follows:-
Email: downtoearth@geosupplies.co.uk • Tel: 0114 245 5746 • FAX: 0114 240 3405
Enrol online at: www.geosupplies.co.uk or ring us as above**