

• **West Cornwall, a landscape for leisure** - granite is the dominant rock type in an area famed for its fabulous scenery,

YOUR SAFETY...

Please note the fire exit routes and procedures. In the event of a fire, please evacuate the building quickly and follow any instructions given. Do not attempt to collect your belongings and do not re-enter the building until advised that it is safe to do so. During the time you are studying with Geo Supplies Ltd. you are covered by a comprehensive insurance policy. but please remember that you are responsible for your own safety.

REFRESHMENTS

We'll take a break roughly half way through the session to enjoy a drink. The Commercial is famed for its wide variety of real ales, but they also do very reasonably priced tea, coffee and hot chocolate!

CHRISTMAS MEAL

We are hoping to be able to arrange a Christmas meal after the course has ended, probably on the following Thursday evening after the last class. Further details will be available nearer to the date.

CAR PARKING

There is a car park beside the pub which you are welcome to use.

THE COST...

For the full course of 10 weeks the cost is £50.00, £45.00 for the over 60s. For individual sessions the cost is £6.00 each.

BOOKING

To book your place on this class, simply ring us on 0114 245 5746 and pay with any credit or debit card or send us a cheque payable to Geo Supplies Ltd.

You can also enrol at the first or subsequent class. If you are unable to attend the full series of classes, you may do it on a 'per class' arrangement at £6.00 per session.

We will re-commence the course on Thursday, January 12th 2012.



Down to Earth

"Earth science learning for all"

Rocks Make the Landscape



**The Commercial, Station Road, Chapeltown, Sheffield
Thursday evenings, 7.00-9.00pm
10-weeks commencing September 29 2011**

Down to Earth is a division of Geo Supplies Ltd., Sheffield S35 2XE

KEY INFORMATION

COURSE TITLE: Rocks Make the Landscape
VENUE: The Commercial, Station Road, Chapeltown, Sheffield
TERM DATES: 10 weeks, commencing September 29. 7.00-9.00pm
N.B. Half term break October 27
COURSE TUTOR: Chris Darmon BSc, PGCE
CONTACT: Tel. 245 5746 email: chrisdarmon@geosupplies.co.uk

BACKGROUND

Chris has been involved with the teaching of adults in Sheffield for over 30 years, for the LEA, Sheffield University and the WEA. He has been running the classes independently for a number of years in the belief that by so doing he can offer both the best value and education in a relaxed manner with the minimum of administration.

All are welcome to our classes and no previous knowledge is required or expected. We enjoy a good time together, sharing a learning experience with like-minded people. Sit back, relax and have a great learning experience!

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 take part in our activities, though nobody will be insisting that you do. You are free to take notes or make recordings as you wish.

THIS COURSE

In the event of poor weather, if you do not hear otherwise from me, please assume that the class is on as planned. Obviously, the decision whether or not attend is in your hands. Please don't take undue risks trying to come to class.

They say that 'every picture tells a story' and landscape is rather like this, but can you tell the story? Would you know where to begin to describe landscape? How is landscape affected by the rocks and the processes that have acted upon them? This course, that continues after Christmas, will take a look at all aspects of rocks and landscape and how they interact.

There will be time to study rocks practically and we'll use this as a new and exciting introduction to geology and how the Earth works. This course would be eminently suitable for a beginner to the subject as well as those with a fair bit of knowledge already.

COURSE AIMS

- To introduce basic concepts of geology in new and interesting ways
- To explain how we get such a wide range of rocks from less than 10 chemical elements
- To appreciate the processes that have acted upon the Earth over such an enormous timespan
- To explain the relationship between geology and landscape.

COURSE CONTENT

What follows is not intended to be prescriptive. We may divert from the order and topics as presented here. Each session will take the form of mixture of tutor presentation and some form of practical work involving maps, photos or specimens. In some weeks there may also be visual material in the form of a video or cd-rom.

- **The all new rock circus** - some fascinating pictures and objects designed to get you thinking about rocks and landscape and getting to know one another.
- **The Earth's chemistry store** - a look at what the Earth's surface is made of and how that translates into minerals and rocks.
- **The bigger picture** - an overview of plate tectonics and how a mobile Earth impacts on our thinking and helps us to understand the past.
- **Round and round** - the rock cycle, an ultimate recycling of Earth materials that takes a very long time!
- **All the time in the World** - a look at geological time and how we divide it up into manageable chunks.
- **Rocks from the depths** - a look at a wide range of plutonic igneous rocks some common, others rare and what they are made of.
- **Get me out of here** - an examination of a wide range of volcanic rocks from Britain and overseas.
- **Igneous landscapes** - an overview of British landscapes produced from igneous rocks.
- **Snowdonia** - a landscape carved from volcanic rocks by water and ice

