



Down to Earth

"Earth science learning for all"

Rocks form the pressure cooker - metamorphic rocks & processes

A 10-week hands-on course for adults at YHA Manchester, Castlefields

KEY INFORMATION

DATE/TIME: Commences Tuesday, January 9, 1.30-3.30 pm and ends March 20 (no class February 27)

LOCATION: YHA Manchester, Potato Wharf, Castlefields, Manchester M3 4NB
Train/tram Deansgate 10 mins.

COST: £80.00 for the full 10-weeks or pay £9.00 per session

LEVEL: This course is designed for anyone wanting to know more about metamorphic rocks and the processes that made them. Some basic geological knowledge would be an advantage, though not essential.

DELIVERY: This course will provide an opportunity for hands-on practical work with the study of rocks, photographs, diagrams and video clips. You'll be encouraged to interact with the tutor and ask questions.

ACCESS: Upstairs meeting room, lift available

BRING: Hand lens, paper, pen and pencil

TUTOR: Colin Schofield



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COURSE OUTLINE

- **Let's look at metamorphic rocks** - a first look at some of the unique characteristics metamorphic rocks
- **Ready, steady cook 1 - the ingredients** - the minerals that make up metamorphic rocks
- **Ready, steady cook 2 - the processes** - the variables of the metamorphic process
- **How we classify metamorphic rocks** - it's all a matter of grade
- **Metamorphic rocks and plate tectonics** - metamorphic rocks and their tectonic settings
- **Don't get too close to the fire!** - a closer look at contact metamorphic rocks
- **Who's for a hot, tight squeeze?** - a closer look at regional metamorphic rocks
- **Japan & the Marquis of Anglesey's column!** - the strange metamorphic rocks of island arcs
- **All stressed out** - rocks associated with major fault movements
- **Scotland's world famous metamorphic rocks** - the Lewisian, Moinian and Dalradian

Sadly, there are currently no books available that cover metamorphic rocks at the appropriate level.



If you have any questions or queries - contact Chris Darmon as follows:-

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Enrol at: www.geosupplies.co.uk