

# winstanley college

## Geology

AS/A level Geology	Course Content	Assessment
Year 1	Foundation Geology- core skills  Mapping and rock/mineral identification.  Geological hazards and the human environment.	1 hr examination  1 ½ hr practical examination  1 ¼ hr data response and essay examination
Year 2	Advanced Geology-core skills and map work  Geological investigations fieldwork or lab work  Lithosphere and Natural resources	2hr examination  Two written field/lab reports  2hr examination

### Where are they now?

Elisha Hayes studied Geology, Geography, Philosophy and religion from 2013 to 2015 and has now embarked on a challenging degree, studying petroleum geology at the University of Aberdeen. Elisha will also study additional university modules related to the science of North Sea hydrocarbon exploration and 3-d imaging techniques. Elisha has long term ambitions to work and live in emerging economic hubs such as Dubai of the United Arab Emirates.

Mark Powell studied geology to AS level several years ago but chose a different pathway and successfully joined a modern engineering apprenticeship scheme with BAE systems, based at Warton. Mark fought off intense competition to secure his place and is enjoying his time there, knowing it was the right choice for him. Mark has visited Winstanley on numerous occasions to show case BAE to current students and help inspire a 'can do' attitude.

### Learning outside the classroom

The full two year geology course involves a minimum of six days outdoor learning experience: Three days in the first year visiting Heysham Head, Ingleton falls and Thurstaston (Wirral). Three days in the second year at Blencathra (Lake District) residential Field Centre and Salt Hill Geology Trail (Clitheroe). Additional visits to Manchester Museum and The Natural History Museum are taken in conjunction with the Geography department. Recommended online resources such as [earthlearningidea.com](http://earthlearningidea.com) and the British Geological Survey extend and underpin college learning. Encouragements to join the Geological Society and attend University lectures are highly valued.

### Moving up from GCSE

Most students have already achieved at least a B grade in Maths and or Science at GCSE. This subject would suit a science minded student with a detailed eye and questioner of the physical world. Geology compliments the traditional sciences and physical geography particularly well.