



# BROOKVALE GROBY LEARNING CAMPUS

Valuing Everyone, Achieving Excellence

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Ref: DBR/DLE  
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Dear Parent/Carer

## **Chemistry Field Trip – Ecton Mine Field Centre Tuesday 30<sup>th</sup> April 2019**

The chemistry department has organised a field trip for year 13 students to visit Ecton Mine, a former copper mine in the Peak District. The trip is a chance to see applications of transition metal chemistry from their A level course in context, as well as provide a stimulating opportunity for revision of key A level concepts.

The day will include

- A tour of Ecton Hill to collect mineral samples
- An underground visit to see evidence of mineral extraction
- Extraction of metal ions from collected samples
- Testing the metal samples
- Calculating reacting masses for 'black powder'

Your son/daughter has expressed an interest in taking part in this trip. Transport by coach will leave campus at 8am, and we would expect to return by 6pm. Lunch is not provided; therefore students should bring a packed lunch. Warm clothing, including a waterproof coat and walking boots/shoes should be worn. All safety equipment for the underground visit will be provided by the field centre. The cost of the trip is £25.00, to include entrance to the mine, plus transport.

Could you please now make payment via ParentPay. As part of this process you will also be asked to give consent, provide emergency contact details and if your child has any medical conditions.

Yours faithfully

David Brentnall

Chemistry Department