

WORKSHOP 4

Limestone Weathering in Ecton Mine

The activity in brief		Following observation in Salt's Level, a discussion of the possible origin of flowstone and stalactites leads to the modelling of the chemistry of limestone weathering using laboratory apparatus.
Suitable for	WJEC	AS GL1 - weathering: origin of sedimentary rocks. (p 14-15) A2 GL4 – weathering (p 29)
	OCR	AS F792, Module 1 – weathering (p 18); Module 3 - weathering, origin of sedimentary rocks (p 22-23)
Suitable for teaching/assessing investigative skills		Analysing evidence and drawing conclusions
Topic addressed		Weathering and the rock cycle
Student practical or teacher demonstration?		Possibility for either.
Time needed to complete activity		30 minutes
Resource list		<p>Download and print at school before workshop:</p> <ul style="list-style-type: none"> Workshop 4 Information Sheet - Limestone Weathering in Ecton mine <p>Other items are provided by Ecton Centre.</p>
Ideas for following up the activity		Follow-up worksheets which lead students through the chemistry of limestone weathering, and the formation of flowstone, at a level appropriate to the group. See Information Sheet.

REMEMBER:

You will need to download and print Workshop 4: Information Sheet before going to Ecton.