



the line for all seasons

School Education Service

SEVERN VALLEY GEOLOGY TRAIL

Suitability - Key Stages 3 & 4

Arranged in conjunction with Herefordshire & Worcestershire Earth Heritage Trust, the Severn Valley Geology Trail uses the Severn Valley Railway as a means of exploring the wealth of geological features that this area has to offer. An expert guide accompanies your group throughout the day.

The day starts at Kidderminster or Bridgnorth. Then its off by vintage steam train to visit a number of the outstanding geological features.

There will be worksheets to complete on the journey and a walk from Highley Station to look at an exposure of sandstones formed in a vast tropical swamp over 300 million years ago.

Every pupil will receive a copy of the full colour laminated Geology Trail produced by the 'Trust' to refer to and keep.

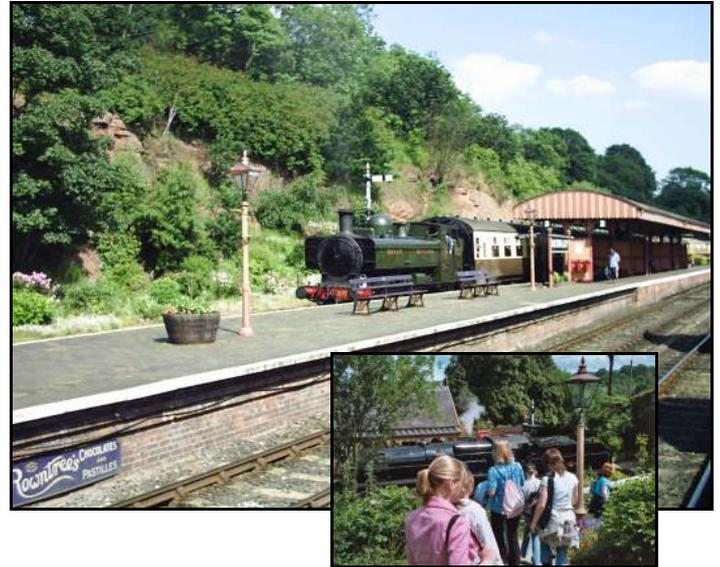
A stop for your own lunch will be taken at an appropriate time during this busy day. Stout footwear is essential.

The train returns your pupils to your departure station at the end of the day.

National Curriculum

Geography - Pupils should be encouraged to ask geographical questions for example, 'How and why is this landscape changing?', 'What is the impact of the changes?', 'What do I think about them?' and to identify issues.

Science - Pupils should be taught how forces generated by expansion, contraction and the freezing of water can lead to the physical weathering of rocks about the formation of rocks by processes that take place over different timescales, and that the mode of formation determines their texture and the minerals they contain how igneous rocks are formed by the cooling of magma, sedimentary rocks by processes including the deposition of rock fragments or organic material, or as a result of evaporation, and metamorphic rocks by the action of heat and pressure on existing rocks.



WHATS INCLUDED

Return train journey, in reserved seats, usually by vintage steam train. The services of the staff from Herefordshire & Worcestershire Earth Heritage Trust, a copy for each pupil of the Severn Valley Railway Landscape and Geology Trail and any other handouts, worksheets or materials used. The teacher of each group also receives some useful reference literature.

BOOKING ARRANGEMENTS, COSTS & TIMINGS

The Severn Valley Geology Trail operates on dates by arrangement in May, June, July & September .

Suggested timings are given below:

TRAIN FROM KIDDERMINSTER (Guide will join the group at Kidderminster)		TRAINS FROM BRIDGNORTH (Guide will join the group at Hampton Loade)	
Depart Kidderminster	10.30 am	Depart Bridgnorth	11.05 am
Arrive Highley	11.17 am	Arrive Highley	11.37 am
Geology Trail	11.30 am	Geology Trail	11.45 am
Own Lunch	12.30 pm	Own Lunch	12.30 pm
Geology Trail	1.00 pm	Geology Trail	1.00 pm
Depart Highley	2.08 pm	Depart Highley	1.46 pm
Arrive Kidderminster	2.44 pm	Arrive Bridgnorth	2.13 pm

The cost of this visit is £7-00 per child. 1 adult travels free per 10 (or part of 10) paying pupils. Any additional adults, above the free allocation, are also charged at the child rate.

Please note - In the interests of safety schools must, at least, take up the free allocation of places.

We strongly recommend a telephone booking in the first instance to avoid disappointment.

**School Education Service, Severn Valley Railway, The Railway Station, Bewdley, Worcestershire, DY12 1BG. Tel: 01299 403816
email: education@svr.co.uk www.svr.co.uk**

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