



A Hole lot of Fuss (Controversial Aggregate Extraction)

Teacher Information.

This resource is a multi-disciplinary activity intended, essentially, to aid the transition from primary to secondary school. By taking a topic which requires the application of different subject knowledge to achieve understanding and a group approach for successful delivery.

This activity should help bridge the change in teaching and learning styles between primary and secondary phases.

In addition to gaining a greater awareness and appreciation of a controversial environmental topic, pupils will have an opportunity to develop their personal and social skills, such as presentation, communication, teamwork, time management, research, problem solving and decision making.

Although this unit is intended for use by 11-12 year old pupils, there is no reason why it should not be used with older groups where teachers are looking for resources for cross-curricular projects.

Context

This unit enables pupils to use subject knowledge in a multi-disciplinary activity. Within the overall Countryside theme of this resource, 'A Hole Lot of Fuss' looks at a specific aspect of land management - the extraction of aggregates for commercial benefit.

The Activity

The exercise is based on one of the farms covered in this resource where geological conditions are appropriate for a sand/gravel pit to be sited.

Although it is most unlikely that exploitation would happen, the exercise has been developed with the support and co-operation of the farm owners, Tarmac Quarry Products Ltd, and the various agencies which would normally be involved in a planning application. Dates of surveys and on correspondence are records of actual activity which occurred i.e. between 1996-1997. For the purposes of this exercise, it is a 'real' case study, appropriately resourced.

Eastrop Farm in Wiltshire has a pocket of sand and coral rag on the south side of the farm near the B4000 which may be suitable for extraction.

Resource Navigation.

Teacher information, documentation and NE local images can be found in the box files.

Box file 1 – Teachers guide and alignment documents for Geography and Citizenship.

Whole lot of fuss about Fox Hunting (additional activity)

Box file 2 – Outline Planning proposal

Box File 3 – NE Local Photographs

Pupil information, tasks and activities can be found in the Filing Cabinet.

Student Tasks - Drawer 1

Student Information – Drawer 2

Eastrop Farm Maps and Photo – Drawer

The Computer contains links/ URLs to relevant sites / sources of information.

The Fax machine contains the letters required for the student activity.

The video box on top of filing cabinet contains all video clips

The Telephone and Gallery are non – operational but will be involved in phase 2 of the National RBC project ‘Changing Lives’.

This online resource is adapted from and with kind permission of The Countryside Foundation for Education

<http://www.countrysidefoundation.org.uk>

Any comments, suggestions or further contributions to this resource would be greatly appreciated. Please contact mick.young@northerngrid.org.uk