

GCSE Geography

River study

Loughton Brook, Loughton, Essex.

1 day course available September -April. (Note; water levels early in the season can be very low).

The form and function of a river is studied from its source in this investigation, including width, depth, velocity, land use, surface run off, sediment size and common fluvial formations such as slip off slopes, meanders and river cliffs. Students can investigate how and why drainage basin and channel characteristics influence flood risk for people and property along its length.



Edexcel B

- Topic 4: The UK's evolving physical landscape 4B: River processes and pressures.
- Topic 6: Geographical investigations – including one physical fieldwork investigation

AQA

- 3.1.3.3 River landscapes in the UK
- 3.3.2 Section B: Fieldwork

OCR

- Landscapes of the UK
- 1.1.2 There are a number of geomorphic processes which create distinctive landscapes.
- 1.1.3 Rivers create a range of landforms which change with distance from their source within a river basin.
- 1.1.5 Landscapes are dynamic and differ depending on their geology, climate and human activity.



EVENT SPECIFIC RISK ASSESSMENT



Visit details: River Study

Carried out by: Suntrap Centre

Date: Jan 2019

Issue	How to manage it
Understanding/behaviour	Class teacher to advise Suntrap staff of any students who may need extra support out in the forest to help them to follow instructions. School to ensure that there is appropriate adult: student ratios as required.
Medical conditions	It is school's staff responsibility to ensure they bring and administer medication needed for any particular student. Suntrap staff to check that school staff brings medication out into the forest. All adults to be made aware of any medical conditions. Suntrap staff will carry a first aid kit.
Getting lost	Keep within sight of teacher/adult & observe boundaries as directed by the staff.
Choking/Poisoning	No eating outside unless directly instructed by Suntrap staff.
Falling branches	During extreme weather conditions Suntrap staff will make an assessment to ensure it is safe to enter the forest.
Injury from horses/dogs or bikes	Group to be instructed to stand to the side, be quiet and still when horses, dogs or bikes are near.
Accident when crossing the road	Group to be instructed on follow safe procedures for crossing roads (Suntrap Line). No one to walk across the cattle grid.
Injury through falling & throwing	Climbing of trees and throwing sticks/stones prohibited.
Getting wet/cold	Clothing should be appropriate for weather conditions. i.e hat, coat and gloves. Wellies should be worn when walking through stream.
Soil/water borne disease	students instructed not to put fingers in mouth during/after activities which include handling soil, stream water and sticks. Hands should be washed with warm soapy water before eating lunch/snack.
Slipping on stream banks	Students instructed to take care on wet stream banks, appropriate footwear (wellies) should be worn.