



Activity	Key Skills			National Curriculum		Q.C.A	
	Measuring physical aspect of a river.	Geography Vocabulary	Annotated field sketches.	Geography	ICT	Geography (rivers- a fieldwork approach)	ICT (Information and presentation, Data)
River Geography	*	*		*	*	*	*

Learning objective: By the end of the session pupils will understand the physical processes with in a river.

Description: In this study the students measure the physical characteristics of a river, the depth, width and velocity. They then take a look at the biological aspect by collecting invertebrate species, from there they can determine whether or not the river is polluted.

AIMS	FIELDWORK	ICT
<ul style="list-style-type: none"> To produce an annotated field sketch showing basic channel form and including any evidence of erosion, deposition or human influence. To take depth measurements across the channel to determine the profile. To take measurements of velocity, gradient and substrate at each site. Take a sample of invertebrates and identify what species are present using the ID sheet. Keywords: Velocity, width, depth, bio-indicators, straight, meander. 	<ul style="list-style-type: none"> Measure the width, depth and velocity at 3 sites. Using kick sampling to collect invertebrates. 	<ul style="list-style-type: none"> Annotated field sketches. Insert photos and diagrams. Create 3 river profile graphs.