6. Deciding on Fieldwork Questions			9 Risk assessment				11 Key Terms			
Physical Fieldwork Questions How do river characteristics change downstream?			River currents	Risk of powerful water and risk of slipping over.		wellies and were told not to go in deep the river. Stay in groups.	Enquiry Question	The question we were trying to answer by doing the fieldwork.		
How does longshore drift affect beach profiles? What impact is erosion having at? Is flood management effective at?				Danger of falling over due		ng sensible footwear. Not running and	Data collection methods	The way in whic width, depth and	h we collected the data. EG. Measuring velocity.	
Is 11000 management effective at			Uneven ground	to uneven footpaths.	walking o	arefully over large rocks.	Data presentation methods	The type of grap scatter, maps etc.	hs we used to present the data. EG. Bar,	
Has regeneration being successful in? How does environmental quality vary in ?			Weather	Wet weather is dangerous due to slippery groynes etc.		advised to bring plenty of water and m if the weather forecast is hot. If the	Accurate conclusion	When data is coll we find to be trus	lected in the correct way that make what stworthy.	
How does environmental quality vary in? How is traffic managed in? Do science parks have a positive impact in? Is there economic inequality between and ?				Hot weather also poses the risk of dehydration.		forecast is wet, students are advised to propriate clothing and footwear.	Reliable conclusion	When there is en we can trust the r	ough data collected in an accurate way so esults.	
7 Types of data				0.00				12 Evaluating data collection methods		
	Primary Data	Secondary Data	Unfamiliar areas	Getting lost in new environments.		Staying in groups. Carrying a phone and a map in case you do get lost.		Advantages	Disadvantages	
	River depth / width / velocity / discharge Pebble size / beach gradient / pebble roughness	Weather data Frosion rates OS maps – relief of the land / cliff locations	Traffic	Getting ran over by		estrian crossings only when crossing	River Data	Data is easy to compar downstream	e Current can make collection inaccurate	
PHYS			venicies.		the road.		Pebble data	See impacts of erosion	. Bias in selecting pebbles to measure	
	Photographs Environmental quality Census data		FIELDWORK			Questionnaire	Understand people's opinions	Timely to analyse People may lie		
ним	survey Questionnaires Interviews Traffic counts / Pedestrian	 House price data Crime statistics OS map – locations of services / houses / roads / buildings 	10 Sampling Strategies					Gain info on a wide variety	riety Subjective – based on your	
				Advantages		Disadvantages	Env Quality Survey	of factors. Number is easy to compare	opinion so can be bias.	
	counts • Photographs	,,	Random Sampling (Randomly choosing si to collect data)				Counts (Traffic /	scores. Understand how busy	/ Can easily miscount by mistake	
			William Collect data)	Can easily be don large area	e with a	May lead to sites that are inaccessible	pedestrian)	popular an area is.	if an area is really busy	
8. Types of data								13. Improving data collection methods		
	Quantitative Data Data that is statistical / numbers	Qualitative Data Data that is descriptive	Systematic Sampling		esentation		Make it ACCURATE & RELIABLE Make it REPRESENTATIVE			
	River depth / width / velocity / discharge Pebble size / beach gradient Weather data Erosion rates	PhotographsPebble roughnessOS maps	(picking sites every _ metres)	of an area. Easier to do than sampling	 Can be bias as not all sites have an equal chance of being selected. 	(Enough data that	we can trust what we d out)	(Enquiry covers the whole area and not just a small part)		
PHYS						May lead to sites that are inaccessible	average – reduce the risk of anomalies. • Ask a wider variety of questions on a questionnaire. • If something is opinion based, consulting with other people to		Collect data at more sites to cover a larger area – reduces the risk of anomalies.	
ним	Environmental quality survey Traffic counts Pedestrian counts House price data Crime statistics	Interviews Questionnaires OS maps Photographs	Stratified Sampling (picking sites by topic		s parison of g. Upper,	Not suitable for something like a questionnaire Could lead to bias from the person picking the sites			Ask a lots of different people for a questionnaire to cover all ages / genders / ethnicities etc. Collect data at different times of day / year / weather conditions.	
							/ year / weathe	er conditions.		

