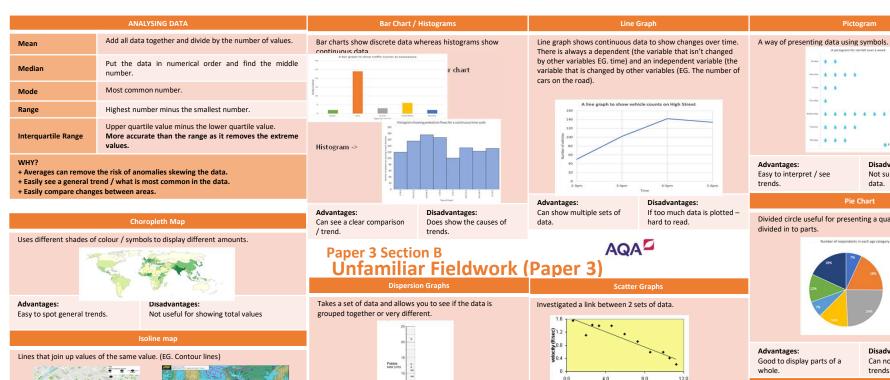
Deciding on Fieldwork Questions			Risk assessment				Key Terms			
Physical Fieldwork Questions How do river characteristics change downstream?			River currents	Risk of powerful water and risk of slipping over.		wellies and were told not to go in ks of the river. Stay in groups.	Enquiry Question	The question we were trying to answer by doing the fieldwork.		
 How does longshore drift affect beach profiles? What impact is erosion having at? 				Danger of falling over due		ing sensible footwear. Not running and	Data collection methods	The way in which we collected the data. EG. Measu width, depth and velocity.		
Is flood management effective at? Does tourism has a positive impact on? Human Fieldwork Questions			Uneven ground	to uneven footpaths.	walking	carefully over large rocks.	Data presentation methods	The type of graphs we used to present the data. Ed scatter, maps etc.		
Has regeneration being successful in? How does environmental quality vary in ?				Wet weather is dangerous due to slippery groynes	Students advised to bring plenty of water and sun cream if the weather forecast is hot. If the		Accurate conclusions	When data is colle we find to be trust	ected in the correct way that make what worthy.	
How does environmental quality vary in? How is traffic managed in? Do developments have a positive impact in? Is there economic inequality between and?			Weather			forecast is wet, students are advised appropriate clothing and footwear.	Reliable conclusion	When there is eno we can trust the re	ough data collected in an accurate way so esults.	
Types of data				Getting lost in new	Staying in groups. Carrying a phone and a map		Evaluating data collection methods			
	Primary Data	·		environments.	in case you do get lost.			Advantages	Disadvantages	
	River depth / width / velocity / discharge Pebble size / beach gradient / pebble roughness Photographs	Data collected by someone else Weather data Erosion rates OS maps – relief of the land / cliff locations	Traffic	Getting ran over by	Use pedestrian crossings only when crossing the road.		River Data	Data is easy to compare downstream	Current can make collection inaccurate	
PHYS			Danor 2 Sc	vehicles.			Pebble data	See impacts of erosion.	Bias in selecting pebbles to measure	
			Paper 3 Section B Unfamiliar Fieldwork (Paper 3) AQA AQA AQA AQA AQA AQA AQA A				Questionnaire	Understand people's opinions	Timely to analyse People may lie	
ним	Environmental quality survey Questionnaires Interviews Traffic counts / Pedestrian counts	Census data House price data Crime statistics OS map – locations of services / houses / roads / buildings	Sampling Strategies				Gain info on a wide variety	ety Subjective – based on your		
			Advantages			Disadvantages	Env Quality Survey	of factors. Number is easy to compare	opinion so can be bias.	
			Random Sampling (Randomly choosing sit to collect data)	Not bias – each site equal chance of be picked.		Counts (Traffic	scores. Understand how busy /			
Photographs			MARKET 1	Can easily be done large area	with a • 1	May lead to sites that are inaccessible	/ pedestrian)	popular an area is.	if an area is really busy	
Types of data				large area		maccessiste				
	Quantitative Data Data that is statistical / numbers Data that is descriptive		Systematic Sampling	Gives a good representation		Can be time consuming	Improving data collection methods			
	River depth / width / velocity / discharge Pebble roughness		(picking sites every			Can be bias as not all sites	Make it ACCURATE & RELIABLE (Enough data that we can trust what we find out) (Enqu		Make it REPRESENTATIVE (Enquiry covers the whole area and not just a small part)	
PHYS	Pebble size / beach gradientWeather dataErosion rates	OS maps		30pg		May lead to sites that are inaccessible	 Collect more da average – redu anomalies. 	ata and generate an ce the risk of	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	InterviewsQuestionnairesOS mapsPhotographs	Stratified Sampling (picking sites by topic)	Flexible – fits with different enquiries Gives a good comp different areas. (Eg middle and lower c	arison of g. Upper,	Not suitable for something like a questionnaire Could lead to bias from the person picking the sites	 Ask a wider variety of questions on a questionnaire. If something is opinion based, consulting with other people to reduce bias. Collect data at different times of day / year / weather conditions. 		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.		



Advantages:

data.

Can easily spot anomalies in



Disadvantages:

Dot maps show 1 dot per value. Proportional symbols are circles / symbols drawn at different sizes to

Can be difficult to read if lines are close



Advantages:

Advantages:

value

Easy to interpret general trends.

Can easily compare areas of equal

Disadvantages:

Clustering can make them hard to read.

Advantages:

there is correlation

Can draw a LOBF to see if

Flow lines show movement of something from one place to another. Desire lines shows a line to show how places are connected



Disadvantages:

analyse.

Can be time consuming to

Advantages:

Shows connections between places.

Disadvantages:

Overlapping makes it hard to read.

depth (feet)

Disadvantages:

can be subjective.

Analysis of the correlation

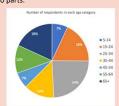
. . . ₫ 1 mm rain Advantages: Disadvantages:

Easy to interpret / see

Not suitable for continuous data

Pictogram

Divided circle useful for presenting a quantity that can be divided in to parts.



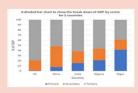
Advantages:

Good to display parts of a whole.

Disadvantages: Can not be used to show trends.

Divided Bar Chart

Columns of bar charts are sub-divided based on the information being displayed.



Advantages:

Easy to see trends in large sets of data.

Disadvantages: Requires additional explanation.