Fieldwork:

Q's on data collection, presenting data & usefulness of different techniques

Data types:

Primary:
Sampling techniques:
Random e.g. picking up pebbles on a beach
Systematic: samples are chosen at regular intervals (good for investigating frequent changes) e.g. pedestrians in an area
Stratified: samples from different groups to get an overall representation e.g. collecting public perceptions on pollution

Secondary: external data
Geology maps, Flood risk maps & census data

Quantitative data: numerical e.g number of pedestrians in an urban area
Qualitative data: no measure e.g. opinions on the life quality of residence

Risk assessments: identify & rank risks + management of these risks

Analysing data:
Correlations, patterns & anomalies with reference to the data, compare dif sets of quantitative data too then explain why the data shows what it does

Conclusion:
Summary of results, Answer & explanation to the investigation, how your conclusion fits the wider geographical world (links to other people & places)

Evaluations: self assessment
Identity issues & how to solve them e.g. size of data sets, bias & effectiveness + accuracy of methods
Comment on validity of the conclusion (how errors effected the reliability of results)

Accuracy: as close as possible to the actual results
Reliable: data can be reproduced
Valid: data answers the original question & is reliable

Field work enquiry process:

1. Understanding the questions that are tested
2. Complete sampling/ data collection
3. Process & present data (graphs/tables)
4. Analyse data: trends, anomalies, evidence
5. Conclusion: overall trend
6. Evaluation: reflection on sampling e.g. is the sample size representative?

Considering the SITE of a location for students:

Safety: conduct risk assessment
Accessibility: can you get get valid data within a day
Permission: accessing sites e.g. private land is prohibited
Distance: are the different sites close enough to visit in 1 day but different enough to see a variation in results?

Stating relationships between results:

What is the general trend? (Compare the various sites)
Evidence it with data
Any anomalies?
Were results at each site recorded (aka are the results representative?)