Subject	Geography	Year Group	12/13	Sequence No.	Topic	NEA
Retrieva	ıl			Core Knowledge		Student Thinking
What do teachers need retrieve from students before they start teaching new content?		What specific ambitious knowledge do teachers need teach students in this sequence of learning?				What real life examples can be applied to this sequence of learning to development of our students thinking, encouraging them to see the inequalities around them and 'do something about them!'
From GCSE fields retrieve the definand examples of secondary, quantand qualitative d	nitions primary, titative	 Linear- given posand dunes Areal- given area on a OS map Sampling method Random sampling Using number to Advantages- sta Disadvantages- sta Take account of Advantages- ens Disadvantages- ens Disadvantages- ens Disadvantages- ens Disadvantages- ens Disadvantages- ens Systematic sampling Item is selected Advantages- eas Disadvantages- eas Take account of Advantages- ens Disadvantages- ens Systematic sampling 	ints along a lasuch as a qualitation as a qualitatically sour anderlying pares no sign data collection at regular interval may ou can get ache system.		hing alike such as along cover or on a grid square lect a sample alysis and a grid sampled tatistical differences	dissertations. They will gain an understanding of how research that they have learnt about at school has been carried out.

- Disadvantages- can't make valid statistical inferences, not a fair sample *Location*
- The exact boundaries for your location need to be specified in the planning stage
- Location needs to be accessible, safe, and realistic in order to improve accuracy of results.

Spearmans rank

Spearman's Rank correlation coefficient is used to identify and test the strength of a relationship between two sets of data. It is often used as a statistical method to aid with either proving or disproving a hypothesis e.g. the depth of a river does not progressively increase the further from the river bank. The formula used to calculate Spearman's Rank is shown below.

How can the calculation be carried out?

Once the data has been collected calculate and graph Spearman's Rank correlation to discover if a relationship exists between the two sets of data, and how strong this relationship is. Please note this example uses a dataset of 10 samples, but your dataset should include a minimum of 15 to be valid.

- Students will devise a risk assessment and consider ethical issues linked to their investigation
- Students will present their data in a variety of forms
- Students will analyze their data and draw conclusions from it
- Students will link their findings to their literature review-the existing research
- Students will evaluate their data collection, data presentation and data analysis

•