



Excellence & Opportunity

Year 9 to KS4 Transition Support

Geography Eduqas B GCSE



Transition Project

In preparation for the start of your course in September, you will need to ensure that you have an understanding of the fieldwork component of the GCSE course and so I am setting a project for those who have opted to take Geography that is fieldwork based. This will allow you to be able to conduct a short piece of fieldwork yourself as well as to better understand the vocabulary and skills used in paper 3 of the Geography course. The Year 10 are also completing this fieldwork but for them this is their real fieldwork project and so it would be really useful for them to be able to use your data to help them. Hopefully, we will be able to return to a day trip out for our fieldwork when we return to school properly.

Title – Investigating the impact of Covid 19 on the environment.

Overall you will be creating a piece of fieldwork so you will need to try to answer all of the questions in all of the sections.

Task 1/Week 1:

Read pages 2 and 3 of the document (Page 1 is the title page). Some research before you begin – Complete the activities about the normal trends in transport including doing some of your own research about Darlington.

The purpose of this is so that you know the background of the data that you will be comparing your data to as if you do not know what is normal (the starting point/what it was like before) it is impossible to look at the impact something has had.

Task 2/Week 2:

Read pages 4 and 5 of the document. How has the lockdown affected traffic flows? – Complete the activities about what the traffic flows have been like since the lockdown started in different places.

The purpose of this is to provide some secondary data (data taken by someone else) about how traffic has been affected in the big picture to compare to the norm from week 1.

Task 3/Week 3:

Read pages 6- 9 of the document. Investigating the impact on air traffic – Complete the activities about how air traffic has changed over time.

The purpose of this is to provide the background and comparison data for a different mode of transport and to complete the big picture.

Task 4/Week 4:

Read page 10 of the document. Evaluating secondary data – Complete the activities about evaluating someone else's data. It is important to be able to evaluate your own data but it is easier to start by looking at someone else's first.

Year 9 to KS4 Transition Support

Geography Eduqas B GCSE

The purpose of this is to make us look closely at what we are using to make sure that it is valid and reliable. This means that it has been collected in a way which can be replicated like an experiment in science can. This is so you make sure that you are aware how, where, when and why the data was collected so that you can decide if it is useful. Data which is unreliable can lead people to make decisions or to come to conclusions that are not based on facts. Evaluations need the strengths (good points) and weaknesses (bad points) highlighting.

Task 5/Week 5:

Read pages 11-16 of the document. The fieldwork investigation – Complete the activities to set up your own data collection sheets for both the traffic and the soundscape. Make sure you know what the question is that you are answering to ensure that your data sheets collect the right data.

The purpose of this is to prepare so that you are ready to collect your Primary (any data collected by this fieldwork cohort) data in week 6 so you can evaluate it in Week 7. This should provide us with lots of data to look at when we return to school.

Task 6/Week 6:

Collecting your Primary data – Using your data collection sheets you need to collect your Primary data. You must use the sampling strategy that you decided upon. You are allowed to go out to exercise providing that you do not need to be shielded or in isolation so you may have chosen to do this at a nearby road if you live in a cul-de-sac which get no traffic normally.

The purpose of this is to collect some primary data as this is the basis for all fieldwork in Geography. Fieldwork is a skill and this skill will be tested in paper 3 of your GCSE. You must tell the reader how, when, where and why you collected the data so that they can evaluate or replicate your data collection in the same way that this was important for looking at secondary data. Remember your Primary data is someone else's secondary data.

Task 7/Week 7:

Analysing and evaluating your own Primary data and answering the question – Present your data in a way which you think is suitable (bar graphs, pie charts etc). Using the skills that you learnt about evaluating secondary data, evaluate the data you have collected. What were the strengths of how, where and when you collected it and what could have been improved? Can you answer the questions asked in Week 5?

The purpose of this is to use the skill you learnt for evaluating data to look critically at your own data. Be honest. If you forgot to collect it one day, say so, don't make it up. Missing data is better than made up data. You also need to make sure that you have answered the question that you started with.

Year 9 to KS4 Transition Support

Geography Eduqas B GCSE

Suggested Reading or Viewing:

Sampling –

<https://www.geography-fieldwork.org/a-level/before-starting/methods/sampling/>

<https://www.rgs.org/schools/teaching-resources/sampling-techniques/>

<https://www.bing.com/videos/search?q=traffic+sampling+strategies+geography&&view=detail&mid=73D02D185BCBEA97BB7973D02D185BCBEA97BB79&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dtraffic%2520sampling%2520strategies%2520geography%26qs%3Dn%26form%3DQBVR%26sp%3D-1%26pq%3Dtraffic%2520sampling%2520strategies%2520geography%26sc%3D0-37%26sk%3D%26cvid%3DDBAC030896F141EC8C79AF535BA936E9>

<https://www.bbc.co.uk/bitesize/guides/zq42ycw/revision/4>

Evaluation –

<https://www.geography-fieldwork.org/a-level/before-starting/evaluation/evaluating-conclusions/>

<https://www.bbc.co.uk/bitesize/guides/z9st2nb/revision/9>

<https://www.bing.com/videos/search?q=evaluating+fieldwork+geography&&view=detail&mid=5991797EFE288657EA955991797EFE288657EA95&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Devaluating%2Bfieldwork%2Bgeography%26FORM%3DHDRSC3>