

A level Geography

Why do I need to complete a bridging activity?

The purpose of this activity is to aid your preparation for advanced level study and make the transition from GCSE study as smooth as possible. Some activities are written pieces of work, some are research-based and some are practical. They should be completed to the best of your ability and they will give you the opportunity to start to showcase your talent for your chosen subjects. As these are compulsory activities, it is vital that you put in the time and effort to ensure they are completed to the highest standard.

When should I hand this in?

You should complete this activity for the start of your first lesson in September.

How will I be given feedback?

Feedback appropriate to the task will be given to you by your teacher during the first lesson back in September.

Summary of the activity

1. Find and annotate a world map with continent names and world cities
2. Research different types of hazards that we may study in Geography
3. Complete the geographical statistics exercise.

Student Name (to be completed by the student)

Bridging Activity for September 2017



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Section A - Self-review

This is used to help your teacher understand your background and your experiences.

1. Did any of your school assessments contain coursework? Yes No
 - If yes, was it an enjoyable part of study at school? Yes No
 - If yes, did it support you in your work and support you in achieving a better grade? Yes No
2. How many of the subjects you studied at school had coursework?
3. Are you happy to study a subject that is examined only by an examination? Yes No
4. Do you prefer to have coursework as part of your study of Geography at college? Yes No

Section B – Mapping exercise

This task is to ensure that you know where places are in the world. You must ensure that you leave enough room/that your map is big enough to annotate further places (case study locations for Geography A level that you will study) on the first lesson in September.

Task 1:

1. Download and print a world map
2. Annotate the continents on it
3. Annotate the major world cities (your choice to decide what you think a world city is)

Section C – Research exercise

The first topic that we will study is Hazards. There are many different types of Geographical hazard. This is your chance to get a head start on researching them and case study example/

Task 2:

1. Research the different types of geographical hazard that we may study
2. For each, find a MEDC and LEDC (rich and poor country) example (you will need location and when it happened) and find out some of the impacts
3. Present your work however you feel is appropriate.

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Section D – Statistics in Geography

Geography A level requires you to be proficient in statistics. We will learn how to analyse data using Spearman’s rank, Mann Whitney U Test, Standard deviation and Chi squared.

Task 3:

A standard deviation calculation for Bomere Heath house prices has been started in Figure 2.

Complete Figure 2, and use the formula given to complete the standard deviation calculation.

Give the answer to 2 decimal places. [6 marks]

Figure 2

Road	Average house price in £ thousands (x)	$x - \bar{x}$	$(x - \bar{x})^2$
Back Lane	287	38.25	1463.06
Pool Meadow Close	365	116.25	13514.06
The Common	154	-94.75	8977.56
Pump Road	154	-94.75	8977.56
Bow Way	153	-95.75	9168.06
Fitz	496	247.25	61132.56
Preston Gubbals Road	176	-72.75	5292.56
Windsor Lane	207	-41.75	
Merrington Road	275	26.25	689.06
Green Lane	250		
Yew Tree Bank	225	-23.75	564.06
Cornfield Close	243	-5.75	33.06
$\sum x = 2985$			$\sum (x - \bar{x})^2 = 111556.22$
$\bar{x} =$			

Standard deviation formula

$$\sigma = \sqrt{\frac{\sum (x - \bar{x})^2}{n}}$$

Key

- σ = Standard deviation
- x = Individual value
- \bar{x} = Mean
- n = Number in the sample
- \sum = Sum of

Complete the standard deviation calculation in the space below, showing your working.