WILBERFORCE
sixth form college

SUMMER BRIDGING WORK 2025

Summer Bridging Work is an important part of your transition to Wilberforce Sixth Form College. This piece of work will count towards your effort grade. Please complete your summer bridging work in time for the start of term.

You are required to bring evidence in paper format (printed or handwritten) and hand this into your subject teacher during your first lesson.

A-LEVEL GEOGRAPHY

OVERVIEW OF SUBJECT

The world around us is an interesting place which is always changing. The changes, whether caused by natural processes or as a result of human activity are influencing the way we are able to live. Humans interact with the world in different ways, depending on needs and environmental restraints.
The A-Level geography course investigates all this. Whether it be mitigating against the impacts of sea level change in coastal environments, dealing with the impacts of rapid urbanisation in urban areas, living with the constant threat of natural hazards or attempting to solve trade disputes between countries.
You will also really make you think about how 'our world' works and it challenges your assumptions. As part of the course, you will gain the ability to construct written arguments to questions and be able to offer a personal viewpoint. It will also develop your oral communication skills and improve your ability to analyse data, including statistical analysis. It is important that you have a genuine interest in the subject and keep up to date with current affairs relating to topic areas which are studied.
We also will undertake fieldwork visits which will include a residential trip to Wales at the end of year 1.

ENTRY CRITERIA

To be able to study A-Level Geography we have the following entry requirements:

- A minimum of 5 GCSEs at grade 9-4, including English Language and Maths.
- GCSE grade 4 in Geography – if studied.

LITERACY TASK

One synoptic area of geography which we will be studying both as part of the 'Urban' and 'Water Cycle' units is the issue of flooding. The Summer Work task will get you to look at how natural water-based processes are interrupted and altered by urban areas and what the consequences are for the people who live there.

Here are some sources of information to watch/read – QR code links are below also:

- **https://www.theguardian.com/environment/2022/jun/07/slow-water-urban-floods-drought-china-sponge-cities**
- **https://youtu.be/XPqlfLuioC8**
- **https://youtu.be/PvJuocemHS4**

After watching the videos above and reading the article (and doing any further research as necessary), write a report of approximately 500 words answering the following question:

"What are the causes, consequences, and impacts of flooding occurring in urban areas in the 21st century?"

NUMERACY TASK

Below is a table containing average monthly precipitation (in mm) for selected cities in Europe.

City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Vienna, Austria	38	40	51	45	69	70	70	72	61	38	49	48	651
Minsk, Belarus	45	39	44	42	65	89	89	68	60	52	48	49	690
Brussels, Belgium	75.2	61.6	69.5	51.0	65.1	72.1	73.6	76.8	69.6	75.0	77.0	81.4	848.0
Sofia, Bulgaria	35.9	35.5	45.3	52.3	73.1	81.6	64.7	53.1	52.3	53.9	38.1	39.9	625.7
Copenhagen, Denmark	53.0	36.9	42.3	35.8	47.2	63.9	60.9	67.5	61.0	63.3	56.4	57.4	645.7
Tallinn, Estonia	56	40	37	35	37	68	82	85	58	78	66	59	700
Helsinki, Finland	51.0	41.2	47.6	51.8	63.2	49.6	62.3	52.7	47.6	61.5	51.1	57.8	637.4
Paris, France	51.0	41.2	47.6	51.8	63.2	49.6	62.3	52.7	47.6	61.5	51.1	57.8	637.4
Berlin, Germany	37.2	30.1	39.3	33.7	52.6	60.2	52.5	53.0	39.5	32.2	37.8	46.1	515.2
Athens, Greece	55.6	44.4	45.6	27.6	20.7	11.6	10.7	5.4	25.8	38.6	70.8	76.3	433.1
Budapest, Germany	37	29	30	42	62	63	45	49	40	39	53	43	532
Reykjavik, Iceland	83.0	85.9	81.4	56.0	52.8	43.8	52.3	67.3	73.5	74.4	78.8	94.1	843.3
Dublin Ireland	62.6	48.8	52.7	54.1	59.5	66.7	56.2	73.3	59.5	79.0	72.9	72.7	758.0
Rome, Italy	69.5	75.8	59.0	76.2	49.1	40.7	21.0	34.1	71.8	107.0	109.9	84.4	798.5
Amsterdam, Netherlands	66.6	50.6	60.6	40.9	55.6	66.0	76.5	85.9	82.4	89.6	87.2	76.3	838.2
Oslo, Norway	54.9	41.0	50.4	46.9	54.1	70.5	84.7	97.8	80.6	90.4	79.1	52.4	802.7
Lisbon, Portugal	99.9	84.9	53.2	68.1	53.6	15.9	4.2	6.2	32.9	100.8	127.6	126.7	774
Madrid, Spain	33	35	25	45	51	21	12	10	22	60	58	51	423
London, UK	55.2	40.9	41.6	43.7	49.4	45.1	44.5	49.5	49.1	68.5	59.0	55.2	601.7

Using the table of data above:

- What trends and patterns can you identify in this data?
- What methods of statistical analysis could be done on this data to understand patterns and trends within the information? Complete ***some of these***.
- How could the data be presented visually?
- What other data could be collected (either by fieldwork or online) that would allow you to be able to understand this data further?

PROGRESSION OPPORTUNITIES

Here is a video looking at careers linked to Geography - https://youtu.be/KZ-APqIuBIw

You are tasked to research the different careers which are mentioned in the video and then choose one that most appeals to you and write a 200-word essay as to why you feel this career would be most suited to you.

Kind regards

Lynne Quinn
Faculty Head for Science and Arts

If you have any queries regarding your Summer Bridging Work, please contact me via email ***LQ@wilberforce.ac.uk***
I will aim to respond before your enrolment appointment.