

# Geography A Level – Preparatory Work 2022 (2 of 2)

## Geography of Hereford Sixth Form College Campus

To complete this task you will need to register with digimap which is a subscription mapping site available to our students, (see overleaf). You will not be able to use digimap until you have enrolled at college, but you may wish to make an early start on the task by being observant as you walk round the college campus and using google maps to work out the location (see below).

**TASK:** Write a mini essay of about 500 words describing the geography of Hereford Sixth Form College campus. There should be one section about the physical geography of the campus and another on the human geography. The questions below are to give you ideas and get you thinking. Do not list or bullet point. **Write your essay in full sentences and paragraphs. Type your work ideally in a word document and complete it by 12<sup>th</sup> September 2022.** The aim of this task is to familiarise you with a powerful online mapping tool and start to get you thinking as a geographer!

### Sources of information:

Digimap website – Ordnance Survey Maps

Google Maps and any other useful websites or books

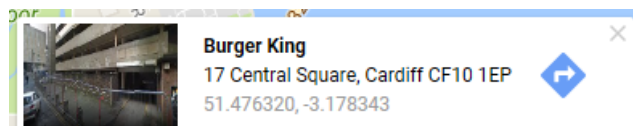
Digimap website – Historical Ordnance Survey Maps

Your own observations as a geographer on campus

Digimap website – Geological maps

### Physical Geography of the college campus

**Location of the campus – What is the latitude and longitude of the campus?** - Latitude measures how far locations are from the equator in degrees. Latitude ranges from 0° at the equator to 90° N at the North Pole or 90° S at the South Pole. Longitude measures distance west or east from the prime meridian (which is at Greenwich, London) in degrees. It is either west or east and goes from 0° at London to 180° in the Pacific Ocean. Click to create a “pin” on any location in *google maps* to get the latitude and longitude eg this shows Burger King in Cardiff City Centre has a latitude of 51.5° N and a longitude of 3.2° W (the minus means west for longitude readings and south for latitude readings).



**What is the altitude above sea level in metres?** – look for contour lines and spot heights on the Ordnance Survey maps.

**What is the name of the hill the campus is located on?** – place names are shown on Ordnance Survey maps.

**What is the land area of the campus in m<sup>2</sup>?** Digimap has measurement tools (see sidebar – make sure you use the area tool not the distance one!) that will calculate this. Or you can print out a map of campus and draw a grid on it and estimate the area by counting the number of grid squares it covers. Your answer should be in metres squared (m<sup>2</sup>)

**What is the bedrock (solid) geology?** – use the *information icon* to click on the geological map on digimap to discover the geology at a site. You should be able to find out the name of the rock (rock unit), the type of rock, and the age of the rock. Digimap will just tell you the name of the geological epoch (time period) – google this to find out how many years ago the rock under our feet was formed.

**What is the superficial geology?** – Superficial geology means the sediment that rests on top of the rocks. Sediment is normally deposited by rivers or ice. Use the *information icon* to click on the geological map on digimap to discover what sort of superficial geology (sediment) covers part of the college campus near Folly Lane at a site.

**In which river drainage basin is the campus?** – When rain lands on the college campus it will flow along the surface downhill to a river. Which river drains the rainwater from the college campus? Look very carefully at the contour lines on the Ordnance Survey map to see which way the ground the college is built on is sloping and where the water will go.

### Human Geography of the college campus

**What is the approximate population of the college?** - How many students and staff work on the college campus each day?

**What is the population density of the site in persons per m<sup>2</sup>?** - Population density = population ÷ land area (see physical geography section above for this).

**How has this place changed?** - What was this place like before the 3 colleges were built? The Technical College opened on Folly Lane in the mid 1950s. Our Sixth Form College opened in 1973. Use historical Ordnance Survey maps on digimap to discover what this place was like/used for before the colleges were built. Is there anything left on campus from before the 3 colleges were built?

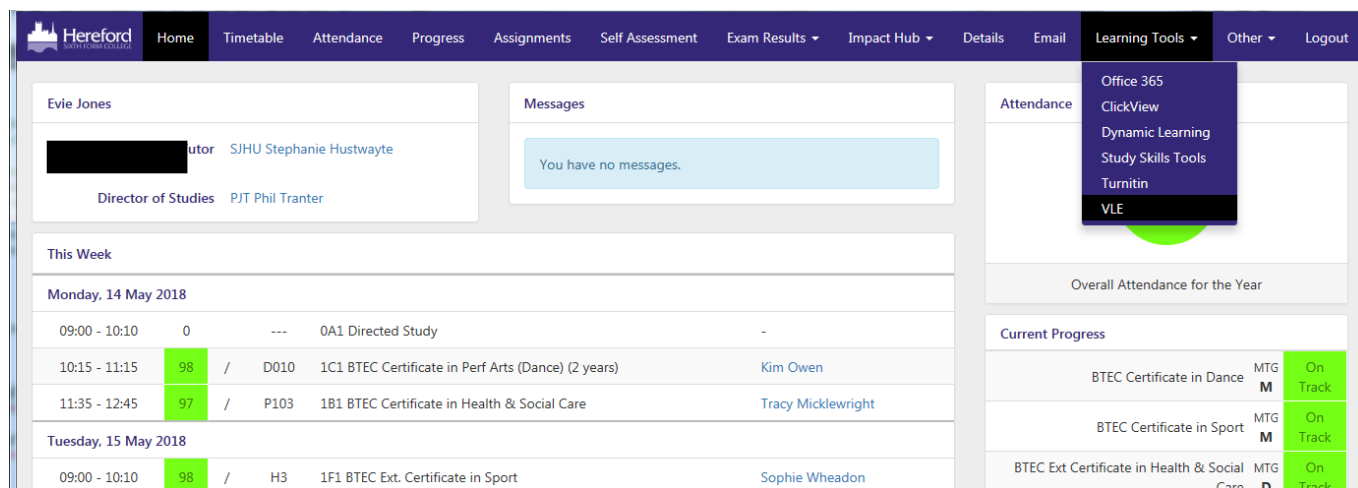
**How is the college campus represented/branded?** – look on google images – what kind of images appear near the top of the search page. How does the college portray and brand itself? What is the logo? What does it represent? What are the main buildings on campus named after? Why?

**ARI (May 2022)**

Full instructions on how to access digimap can be found on the geography section of the Virtual Learning Environment (VLE). Once enrolled at college you can access the VLE.

**From inside college:**

Log on to a college computer. Your username will be your initials and a four digit number. You can find your username on your college ID card. You will set up your password on the enrolment day. Open the Internet and the default page will be the student portal. This contains details of your timetable and other details. On the top of the screen pull down the menu “Learning Tools” and select VLE.



**From outside college:**

Log onto a computer and go to the main college webpage ([www.hereford.ac.uk](http://www.hereford.ac.uk)). From here select the Student Portal and log on using your college username and password. Once on the student portal select the VLE as described above. You may have to enter your username and password details a second time when you enter the VLE from outside college.

Once on the VLE go to the geography area and select “Department Information”. You will see a link to “How to log onto digimap” where you will find the full instructions.

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**Department Information**

**Department Information**

- Student Handbook
- WJEC Teachers Guidance Booklet
- Geography Careers
- Geography Library Leaflet
- Digimap intro task
- Geography DVD Database
- Edexcel Geography Specification
- Enrolment Task: Geography of HSFC Campus
- Course Expectations Letter 2017 and reply slip
- How to log onto digimap