



Geography

NEWSLETTER

Open Day 2021

Achievements, stories &
events of the past year
from the Geography
Department

NEWS LETTER



12th October 2021

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INTELLECT, EMPATHY &
COURAGE

NEWSLETTER



www.bexleygs.co.uk

22nd October 2020

Our annual homework in Year 9 is taking place with students making, baking and creating anything that links to our unit of work on "dangerous places". In this unit of work students have studied the structure of the earth, plate boundaries, volcanoes and much. Each year we are impressed and delighted with the work that students complete and, of course, enjoy tasting some of their baked creations.

James Orchard made a crackle cake to show the plate boundaries and presented it with a labelled map. This is a first and I loved the accurate location that James had added with icing! Well done James, delicious too!

Josiah Baulch had made a conservative plate margin out of marble cake; he had even topped this with trees and cars to show the idea that the plates slide past each other in different directions. I loved this and was really impressed that Josiah has baked and iced his cake by himself!! Alexandra Munteanu, Made a 3D model of the structure of earth, with labels for each section.

Keiran Burns made a poster to display the 4 different types of plate margins.

Sophie Pooley up-cycled her science volcano from remote home learning which we thought was super clever! Sophie added labels to show the Structure of a composite volcano. Both Ashton Seagar & Max Johnson baked yummy cakes. Max's cake showed the idea of continental drift while Ashton made a lemon drizzle cake and then decorated it to look like the plate margins.

Each year our Year 9 Geographers amaze us with their efforts and creativity. Good luck to those Year 9 that are having a go at this over the half term.



GEOGRAPHY MAKE, BAKE & CREATE



Christmas Has Arrived On the Geography Corridor

This year, to celebrate Christmas why not come and see the advent calendar outside the Geography office.

Made by some of our amazing Year 12 prefects the calendar has a juicy fact for each day of the month and 4 student prize winners who have been selected by each of the teachers in the department. These students have been awarded best Geography student of the term! Will it be you?

Mrs Belton Owen,
Geography Department



Geography News

We recommend that students enjoy the latest David Attenborough series, **A Perfect Planet** which is on BBC one each Sunday at 8pm. This includes some amazing places and clever animals as well as explains geographical content that we study. Year 10 will see links in episode 2 to the location of deserts and how animals have adapted to this hostile environment.

Did you know that if you write to Sir David Attenborough and enclose a stamped addressed envelope he is more than happy to reply?

What would you write to Sir David about?



Quick Brain Teaser

Can you work out the islands from these clues?
Email Mrs Belton-Owen with your answers, merits on offer or if you get them all right: **A SEAL OF APPROVAL!**

1. A series of volcanic islands 900 miles of the coast of Europe in the Atlantic Ocean.
2. This is the largest island in the world!
3. Over 140 islands make up this group that can be funny! They are off the SW coast of England.
4. These islands are the lowest lying nation in the world.
5. This island has the highest island point in the world at over 16,000m is?



STAR STUDENTS OF THE WEEK



Geography Star Students

The Geography teachers have been amazed by the first week of remote learning from the Year 7 and 8 geography classes and the work that has been submitted by students. Year 7 students are starting a new unit of work on Tourism and had to design a topic page, this had to include a number of defined keywords, juicy facts and wonders of the world.

Students could use computers to generate their design or draw and colour their designs by hand.



Diego De Jongh Martin



Dylan Banks



Kate Rooney



Abigail Carter




Angela Luong



James Moss



Geography Star Students

 In Geography this week students continue to impress us with the effort that is put into all of the work that is submitted.

Year 10 students

The Year 10 Geography students have started a new unit this term that looks at the ideas to do with the economic world and world development. Students have completed quizzes, practice exam questions and annotated graphs. Here is some of their excellent work.

Reed Brayford posted this answer to a question on development measures:

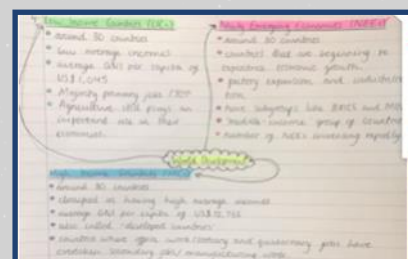
Composite measure of development is more effective than singular measurement, because it incorporates many aspects of development whereas a single measurement such as GNI only focuses on economic wealth. This means that social issues such as healthcare aren't represented and so that aspect of development may be lacking. Furthermore, GNI may not be accurate since an anomaly in data e.g. a centimillionaire will make everyone on average seem richer than they are. Looking at many different measurements can also be inaccurate since if there is natural disaster then death rates would increase. This makes it seem like the country has a worse healthcare system than it does. However collecting several forms of data is better since it takes in many different aspects of development.

Maya Broughton's answer to the question:

A composite measure of development is more effective than a single measure of development because it takes into consideration a number of factors instead of focusing on just one. All countries are wealthy in different ways, for example: some are wealthy in terms of money, some in terms of farming, education, etc. This is why it is important to value countries on things other than money because other factors contribute to development of the country. It also increases accuracy to measure several factors, because if one is inaccurate there are other options that are reliable.

Celebrating the work of GCSE Geographers - Year 10

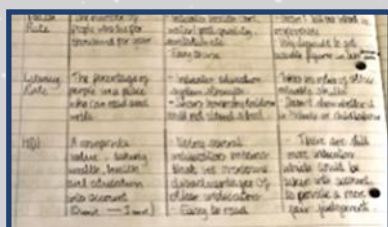
Year 10s topic of World Development is allowing them to start to understand the causes and consequences of the development gap: why inequalities exist between countries and within countries, how this impacts people's quality of life and how to reduce the development gap. It's a tricky topic looking at a huge question in our global society and the Year 10 students have completed some top notch work and are developing super geographical knowledge, understanding and skills.



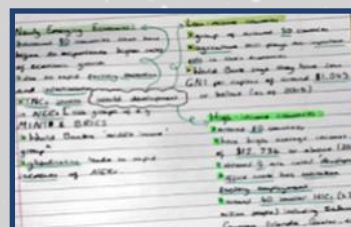
Siona Canaj



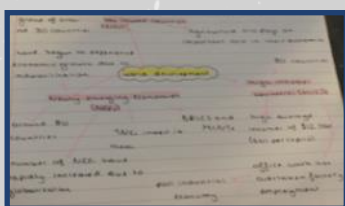
Geography Star Students



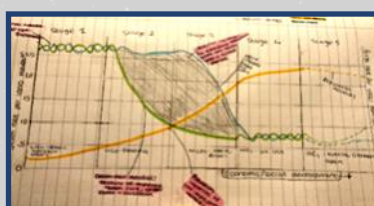
Ben Huggett



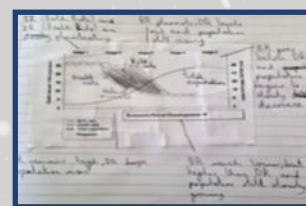
Hannah Trowell



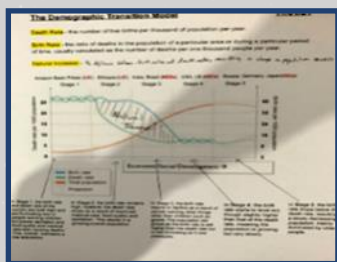
Abigail Grady



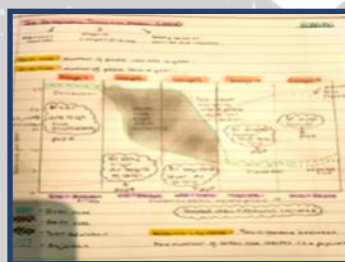
Holly Bale



Stephen Spacey



Josh Chan

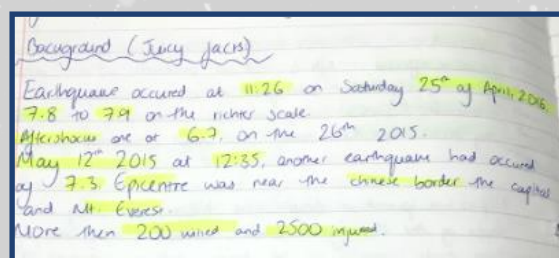
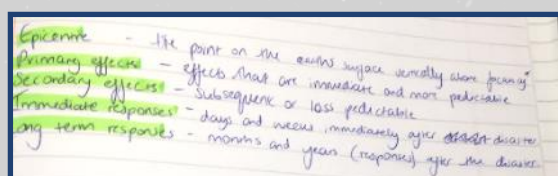


Dylan Christie

SUPER Geography skills - well done! Completed to a high standard and annotated with explanation. You show excellent subject knowledge and understanding - keep up the fantastic work - you are doing brilliantly :) Miss Thurlow
Year 11 students

Our lovely Year 11 students have completed their topic on tectonic hazards by completing 2 exam essay questions, we have been delighted with the work that has been submitted and can see good use of their new geographical knowledge within their answers.

Adesh Sahni shows effective use of highlighting with his case study notes on the Nepal Earthquake.



STAR STUDENTS OF THE WEEK



Geography Star Students

Dhiyanick Gautam writes a high scoring essay answer for a 9 mark exam question, below is a sample section this got Dhiyanick a seal of approval!

All tectonic hazards have two types of effect: primary and secondary. Primary effects occur as a direct result of the tectonic event, while secondary effects are side-effects, caused indirectly by the hazard. One such tectonic hazard could be the 2009 l'Aquila earthquake, in central Italy.

Many might argue that primary effects are far more devastating than secondary effects, due to having immediate consequences (especially socially). The l'Aquila earthquake left over 1,500 people injured, with a death toll of 308. For a small town, despite being located in an HIC, this would have a very damaging effect on the community, tearing apart families. The earthquake also destroyed hundreds of thousands of buildings, both residential and commercial alike, due to their medieval design with narrow streets and weak building materials, leaving countless people homeless. In fact, the total damage of the earthquake amassed to around \$16 billion. This would be very significant on, not just the town, but the Italian economy too.

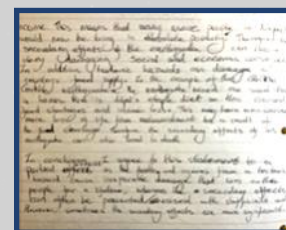
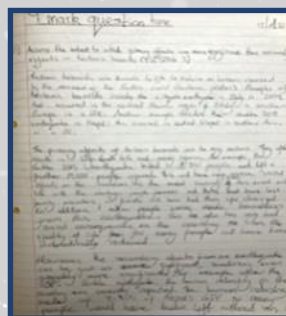
On the other hand, some may consider secondary effects as far more damaging, given their long-term duration. In the case of l'Aquila, the primary effects resulted in far more severe secondary repercussions.



Celebrating the work of GCSE Geographers - Year 11

Year 11's have just finished one of their favourite topics, Tectonics, and have been busy studying the impact and responses to earthquakes, comparing and contrasting the L'Aquila earthquake in Italy and the Gorkha earthquake in Nepal. It's been really interesting to be able to explore the extreme physical processes which literally shift our Earth's crust whilst considering the context and human geography of an area and how this leads to different impacts and outcomes. Year 11 were then challenged to complete a timed assessed essay (they love a challenge) and the work every student completed was absolutely fabulous and shows huge improvement in skills and knowledge. The following students attained FULL MARKS which would guarantee them a grade 9 GCSE. This is a superb achievement CONGRATULATIONS **Louis Murrell, Folajimi Akinsuyi** and **Samuel Bowles**.

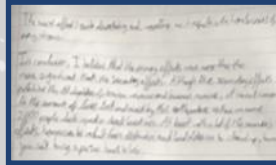
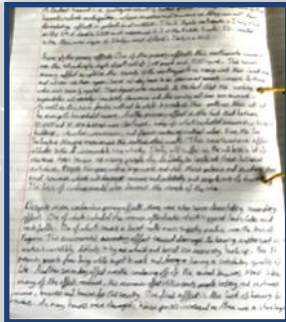
Assess the extent to which primary effects are more significant than secondary effects in tectonic hazards (9) + (SPAG 3)



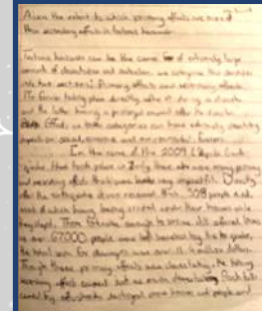
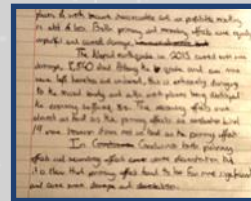
STAR STUDENTS OF THE WEEK



Geography Star Students

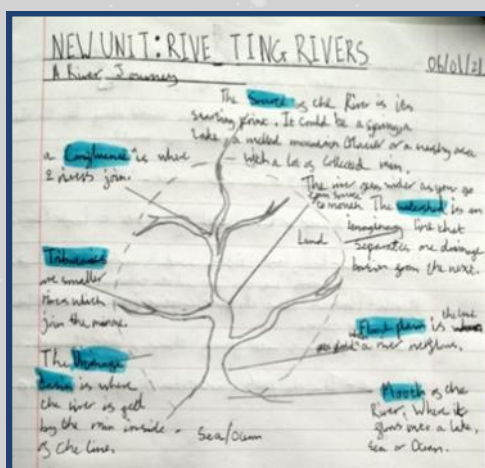


Folajimi Akinsuyi

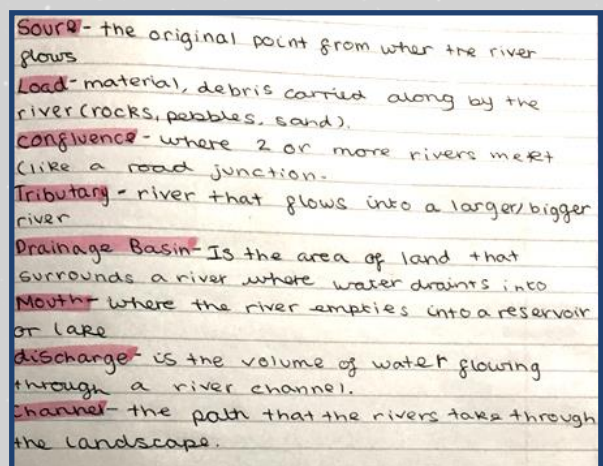


Well Done - Absolutely first class top grade essays! I am so impressed with both the high level of subject knowledge (all your juicy facts!) and the excellent quality of written communication in your essays. You are all TOP SUPERSTAR Geographers and with these skills will probably one day rule the World :) I'm so proud of you :) Miss Thurlow

Year 8 students in Geography are starting the unit Riveting Rivers. The topic pages were superb and we enjoyed looking at all of them. The Year 8 students also completed work on a river's drainage basin and this also involved submitting annotated diagrams of their work. It was pleasing to see students maintaining the department's high expectations when presenting their notes, especially with the number of new keywords that their first rivers lesson included.



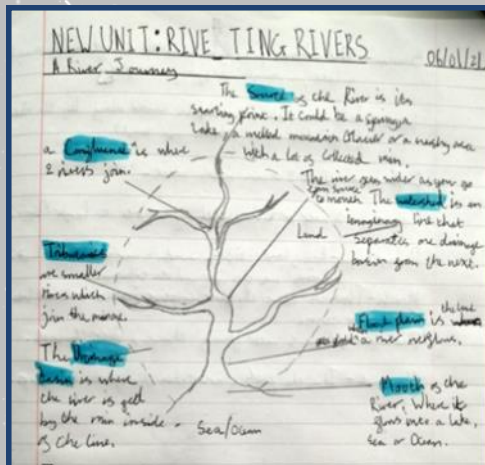
Behzod Marufov



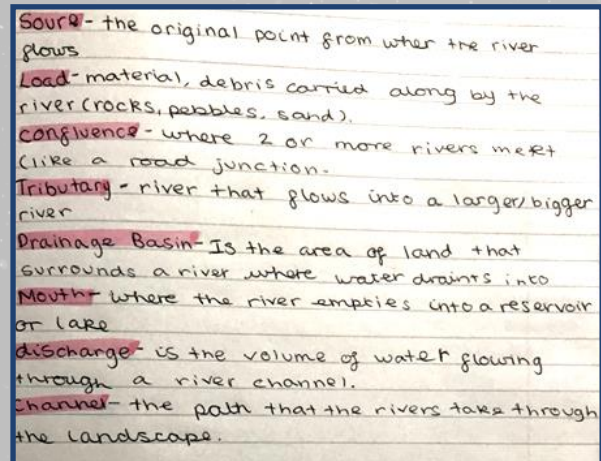
Celine Pan



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Behzod Maruflov



Celine Pan

STAR STUDENTS OF THE WEEK

Geography News



Quick Brain Teaser

Can you work out the cities from these clues?
Email Mrs Belton-Owen with your answers, merits on offer or if you get them all right: **A SEAL OF**

APPROVAL! Well done to those students that took part last week



- 1) This capital city has the largest population in the world
- 2) This is the smallest capital city in the world with just 1,000 people!
- 3) At an altitude of 11,942 ft this is the highest capital city in the world.
- 4) If you fancy a posh dinner, this capital city has the most Michelin starred restaurants in the world.
- 5) Which continent has the highest concentration of poor capital cities in the world based on their wealth?



I am Greta TV Review

Rating: ★ ★ ★ ★ ★

Where can I watch it? On the BBC iPlayer (free platform once you sign up)



<https://www.bbc.co.uk/iplayer/episode/p090xz9z/i-am-greta>

When can I watch it? Any time - the iPlayer is on demand!

Watch it if...

- ◆ You want to know more about the girl behind the climate campaigns.
- ◆ You want to know what drove her to start her climate strikes.
- ◆ You want to know what the reality is for a teenager who inadvertently has the weight of a generation on her shoulders.
- ◆ You want to know more about what living with Asperger's syndrome is like.

BBC says:

The story of teenage climate activist Greta Thunberg is told through compelling, never-before-seen footage in this intimate documentary about a young girl who has become the voice of a generation. Starting with her one-person school strike for climate justice outside the Swedish Parliament, the film follows Greta - a shy student with Asperger's - as she rises to prominence, and her galvanising global impact as she sparks school strikes around the world.

The film culminates with her gruelling wind-powered voyage across the Atlantic Ocean to speak at the UN Climate Action Summit in New York City. En route, in an intensely emotional moment, Greta reflects on the enormous toll her mission has exacted.

Miss Ashman says:

I was pleasantly surprised to get an insight into the girl behind the world famous climate strikes and speeches. The documentary actually followed what it was like to be Greta the teenager, hence the name 'I Am Greta' instead of just the face of these incredibly powerful speeches she has come infamous for. We saw the perils of being a teenager thrust into the spotlight without any thought of the celebrity that she was to become. It shows a girl who has Asperger's struggle to cope with the media attention, moving in political circles. It shows the unknowing sacrifices that she makes all for a cause which drove her to depression and caused her to be unable to attend school in her early teenage years. You get to see a teenage girl who loves her family and just misses her 2 dogs Moses and Roxy at home in Sweden.

The enormity of her cause culminates in a poignant diary entry whilst she crosses the Atlantic on a perilous journey to the UN - all to show that our lives are simply unsustainable and we must act now to give Greta's generation any hope of a future. This is a truly unmissable, affecting and powerful 90 minutes of TV!

Watch Next: Perfect Planet - BBC iPlayer - Sir David Attenborough.

Challenge: Watch and send a review to your Geography teacher. What's the evidence that we have a perfect planet?





Geography News



This week we are watching **Simon Reeve, BBC 2, at 8pm on Sunday** as he revisits his most incredible journeys. What a fabulous opportunity to see Simon and hear his travel stories. He will be returning to most of his most memorable characters that he has met along the way. Including a ten year old boy he met working in terrible conditions in a glass factory in Bangladesh and finds out what has happened to him ten years later.



He will no doubt recall places that we have studied together in our Geography lessons as well as opening our eyes to some mesmerising place. Maybe these will inspire your own future travels (post Covid!). Which will be your favourite episode?

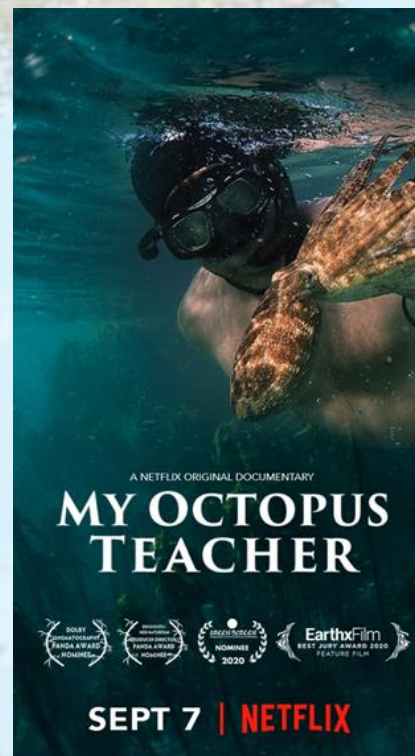
Don't forget to continue to watch David Attenborough too as this continues to be amazing!



FILM to watch: **NETFLIX: My Octopus Teacher**

A filmmaker forges an unusual friendship with an octopus living in a South African kelp forest, learning as the animal shares the mysteries of her world.
Mrs Belton-Owen says

"WOW this was an amazing film, so gentle yet amazing to see how this creature made a connection with a human on their own terms. It shows the beauty of the natural world and why we should value it".

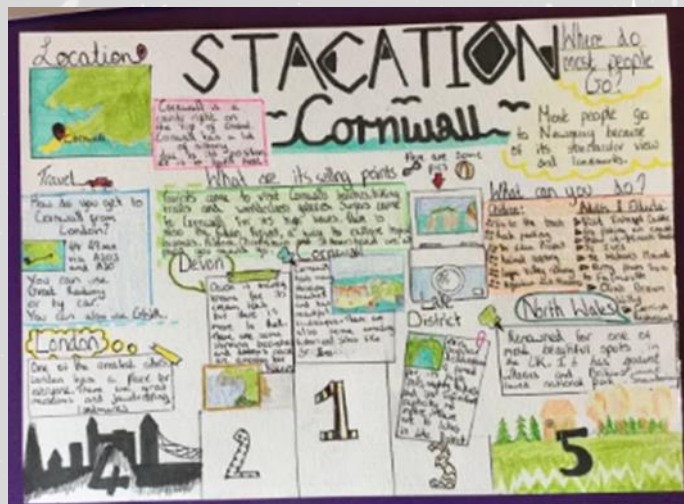




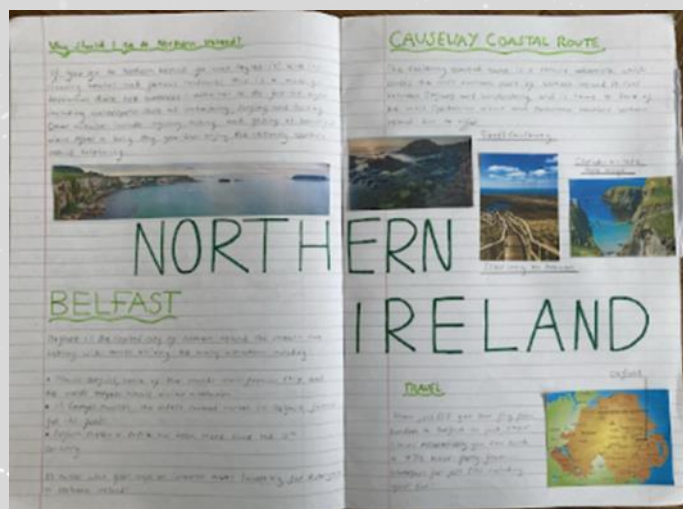
Geography Star Students

Our geography students continue to impress and delight us with the work that is submitted each week, so far in the recent newsletters we have looked at each of the key stages across the school. This week we have been delighted with the work submitted by our Year 7 students who have been planning a STAYCATION the work below has **"blown us away" so very well done to these students.** There were just too many to include so here are 3 that we all really enjoyed.

Kate Rooney, 7PDH: I loved this work on having a Staycation in Cornwall. The Year 7 had been set the task to research a staycation location within the UK and design a poster or leaflet that explains what makes this a good UK holiday destination. What I love about this is the attention to the overall presentation of the work, the design and use of ranking a range of different locations. Kate has shown her ability to do independent research to complete the work that was set. Her hand drawn maps and diagrams are accurate and show great detail within them. Well done Kate!



James Moss, 7LPV: Completed a well-researched piece on Northern Ireland. We really liked the images and design of this work. Having never been to the Giant's Causeway, this is now going on my travel list.





Keir Hills, 7REL: A sleek looking staycation fact file on Lake Windermere in the Lake District. Whilst there were many fabulous staycation fact files, I picked Keir's as my favourite because of his unique juicy facts - even I learnt something that I didn't know before!

The stone skipping world record happened at Lake Windermere - it skimmed 7 metres! Wow - juicy!



STAYCATION LOCATION: LAKE WINDERMERE IN CUMBRIA

Where is this location within the UK?

Lake windermere is in cumbria (see below), specifically in the south-eastern corner of the middle of the lake district.



How would you get there from London?

Going from London Euston to Windermere station, a train station only a 4 mile walk from lake windermere is an easy price to pay. There are trains that have only 1 change that can get you to windermere in 3 and a half hours - its only 80 pounds. A bonus is that you can stay in Windermere manor hotel while you sleep for the next day, at only 55 pounds a night it has free wifi, an indoors swimming pool and is right on the edge of lake windermere

What are its selling points?

The main attraction is obviously the lake, views and the walks that can be done themselves around the largest lake in the lake district (and england !). However, there are other things to do and visit. If your interest is history, there is a museum called windermere jetty museum where they tell you all about the boats and ships that were around windermere. If you like books, there is a world of beatrix potter attraction, where there is a 'cafe and lovely gift shop', it is a 'must see attraction'. There is also a 19th century castle built in the victorian era, with a great outdoor play area, an additional museum of the area, a library, an aquarium, a light railway and even an amazing area with Crazy golf, tennis and crown green bowling called white platts recreation ground.



What can different people do here?

There are parks, playgrounds, soft play areas and some great attractions for the younger children, some amazing views, walks and places to see for the elder people and even nice walks, places to visit and things to see for adults.

There are many options for different things to do in the area in lake windermere and there is something for everyone of all age and interests

Juicy fact box

England's longest lake is Windermere which is 10.5 miles long!

Windermere is lake districts only actual lake

The stone skipping world record happened at windermere, it was skimmed 7 meters!

EXTENSION - What is its USP (unique selling point?)

Its englands longest lake!

There is only one lake that large in england, and thats lake windermere, it is probably one of the , if not the most famous of

the lakes in

The lake district





Geography News

In the coming weeks of virtual learning students will be working on the following topics in Geography.

Year 7 are finishing their work from the unit about Tourism, students have studied, staycations and the impacts of mass tourism Thailand. This unit ends with an assessment on Ecotourism. This will be submitted by students the week beginning the 1st March. Year 7 will then begin a new series of lessons on map skills.

Students can take this further by using the OS maps website to practice map skills.

Year 8 have completed and submitted their independently researched projects on a world river, these have been impressive and have been hugely creative. This week the students will complete the work on rivers with a case study in the Rivers Tees in England. We then start work on the topic of Globalisation. This is a diverse topic and provides ideas about how interconnected the world is.

Students can take this further by watching the documentary series *"blood sweat and t-shirts"* this can be found on YouTube

Year 9 are beginning a new unit looking at weather hazards and climate change. Students will study the theories and science behind climate change to understand this in more detail before looking at the link to global weather hazards and in particular hurricanes.

Students can take this further by watching the films *An inconvenient truth* and the sequel film *An inconvenient sequel: Truth to Power*.

Year 10 have been working extremely well through the AQA unit "The changing economic world". We have spotlighted Nigeria and its economic journey as the country has transitioned from an LIC to a NEE. This continues with a review of the role that industrialisation and TNCs have on the economy, society and environment. We will then be looking at the changing economy of the UK, with a focus on the regional differences that can be seen across the country.

Students can take this further by watching Simon Reeve's 2 part series on Cornwall this can be found on BBC iplayer.

Year 11 students have completed their GCSE course and are now focusing on revision and short assessments, this will allow them to revisit work from both year 9 and 10 to ensure that they are confident and secure within their geographical knowledge. We will also be looking at geographical skills.

Students can take this further by using all the revision resources available including their revision guides, flashcards and suggested websites (BBC bitesize)

Year 12 Standard Level students are continuing to work on the unit of population, with a focus on population management which will include a review of some interesting population policies. Higher Level students will continue with the unit on freshwater, which includes practise essays and skills.

Students can take this further by making revision resources in preparation for future year 12 part 1 examinations.

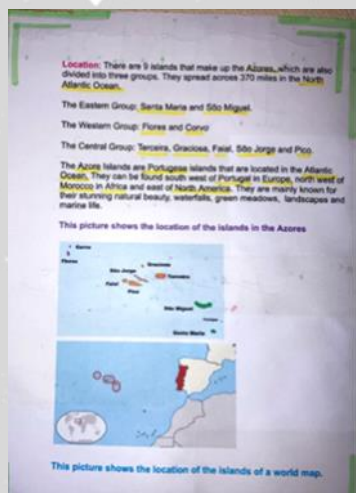
Year 13 students are completing the final lessons in all units. For our Standard Level students this means finishing the urban environments unit, with a focus on sustainable urban environments including case studies and comparisons of world cities. Higher Level students are completing human development & diversity and global risk and resilience.

Students can take this further by mapping how all the units across the two year course are linked together, and make pathways between units, case studies and terminology.



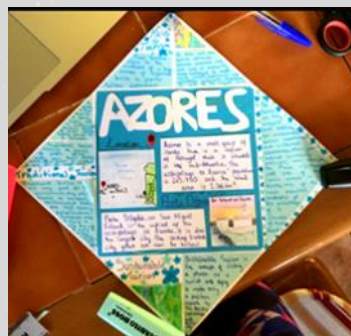
Geography Star Students

This week sees a celebration of the recent assessment that the Year 7 have completed on **Ecotourism**. Students could complete either a leaflet or newspaper article about one of three destinations, these included the Galapagos Islands, Costa Rica and The Azores. Geography students have yet again impressed the department with the effort and creativity that has gone into this work. It has been very challenging to pick just one from each class that blew us away, but we have so here are our top 7 pieces of work from Year 7.



7LPV

Zahra Selfi produced a very detailed and well-presented leaflet on The Azores, this sample page so the quality of her work. All key ideas were underlined throughout and she included images and juicy facts. A fabulous piece of work.



7PDH

Kate Rooney designed a very clever fold-out leaflet, this showed the thought that had gone into the presentation. This was also very detailed and covered all the success criteria of the assessment. An impressive piece of work.



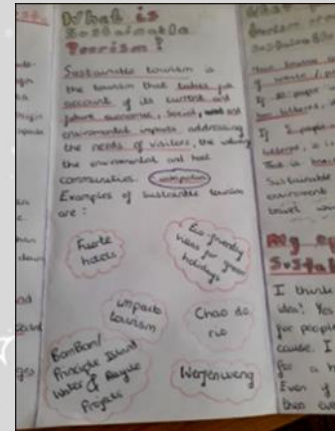
7REL

Finlay Steininger produced a very sleek and swish leaflet on ecotourism in Costa Rica. I thought this leaflet would not look out of place in a tourist information centre owing to its clean and clear design, as well as its informative nature. Well done!



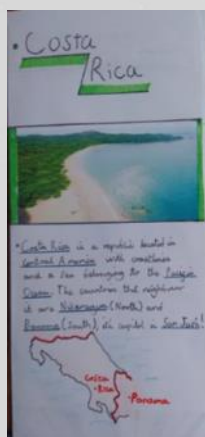
7ACR

Lewis Hills used his own experiences from a holiday in Costa Rica to produce a highlight informative leaflet on ecotourism there. In particular I liked the use of sources and specific locations where ecotourism takes place.



7KJP

Eva Wang created a detailed write up of Ecotourism in Costa Rica. Her independent research was excellent and she shows high level subject knowledge and understanding as well as an empathy that Ecotourism is sustainable both for local people and the environment. Well Done Eva and all of 7KJP.



7AJW

Lydia Ciurca created a very detailed and beautifully designed leaflet on ecotourism in Costa Rica. The presentation is very neat, attractive and carefully laid out; there is evidence of extensive independent research and the accurate hand drawn details such as the



Geography News

Geography in the news this month.

There have been a multitude of geographical stories in the news this month here are the top two that have caught the attention of the Geography department here at BGS.

Last week saw the 10 year anniversary of the massive 9.0 Earthquake that struck Japan causing a Tsunami along the north east coast. This resulted in the nuclear melt down at the Fukushima Nuclear Power plant. What was poignant were the images in many of the newspapers that showed pictures after the event and now 10 years on. Channel 4 re-showed the documentary **"Japan's Tsunami: How it happened."** The documentary exploring the scientific factors behind the magnitude nine earthquake and the resultant tsunami that struck Japan on March 11th, 2011. Professor of geological sciences Roger Bilham views the effects of the devastation from the air, and journalist Callum Macrae travels to the north of the country, where survivors in the fishing villages of Sendai and Ofunato are struggling to cope in the aftermath. This programme is definitely worth a watch.



Did you see the **Floating ship** off the Cornish coast? Can boats now fly? Unfortunately not. This can be explained by rare atmospheric conditions that bend light. This is more common in The Arctic than the UK. It is caused by a temperature inversion where cold air lies close to the sea with warmer air above it. Find out more by using the BBC news website.





Geography News

How drones are opening up the geographical world

Iceland's **Fagradalsfjall volcano** is currently erupting. Have you seen the amazing pictures in the newspapers and on the news? Hundreds of people are now visiting the volcano and some are even cooking on magma!! Imagine that! Watch this video for drone footage of the eruption, it is amazing!

<https://www.youtube.com/watch?v=b9Hq6bTBF2A>

In the department this week we have also loved this drone footage as it flies down and through a waterfall

<https://www.youtube.com/watch?v=SABaMN08NmY>



Where else are drones being used to show us **the awe and wonder of the natural world.**

Geographical Easter activities

Can you design a geographically themed Easter egg? Boil an egg and get creative, you could paint it to make a globe, show where tropical storms form or cover it in juicy facts.

Use an atlas to find as many capital cities of the world that have the letters **H-E-N** in them.

Plan an Easter egg hunt for your family and create a map of your house and garden to help them locate the chocolate treasures.

Find out 5 juicy facts about Easter Island.

Take a photo of your Easter make and **email to your Geography teacher or Mrs Belton Owen.**



Quick brain teaser

Can you work out the answers from these clues?

Email Mrs Belton-Owen with your answers, merits on offer or if you get them all right : **A SEAL OF APPROVAL !**

Well done to those students that took part last week.

- 1) In which months is "spring" in Australia?
- 2) What is the capital of Australia and which state is in ?
- 3) How many stars are there on the Australian flag?
- 4) What is the national animal of Australia?
- 5) What is the population of Australia?



Bonus question: How many states are there in Australia and what are they called?



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Quick brain teaser

How much do you know about?



Email Mrs Belton-Owen with your answers, merits on offer or if you get them all right: **A SEAL OF APPROVAL!**

Well done to those students that took part last week.

Something new for this week: can you identify the country from the FLAG, there are 8.

1		2	
3		4	
5		6	
7		8	