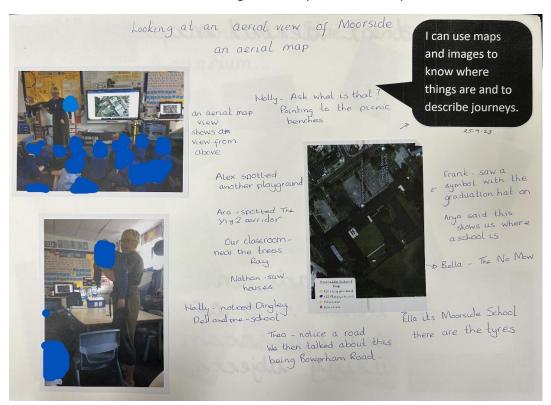
Geography – Examples of Work

This document should be viewed alongside our Facebook page, which documents the fieldwork opportunities that much of the content of this document refers to.

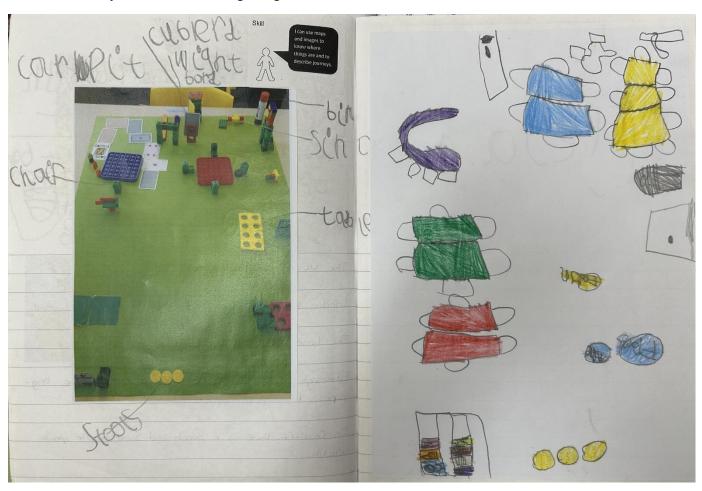
Year 1 Floorbook work – understanding the concept of what a map is:



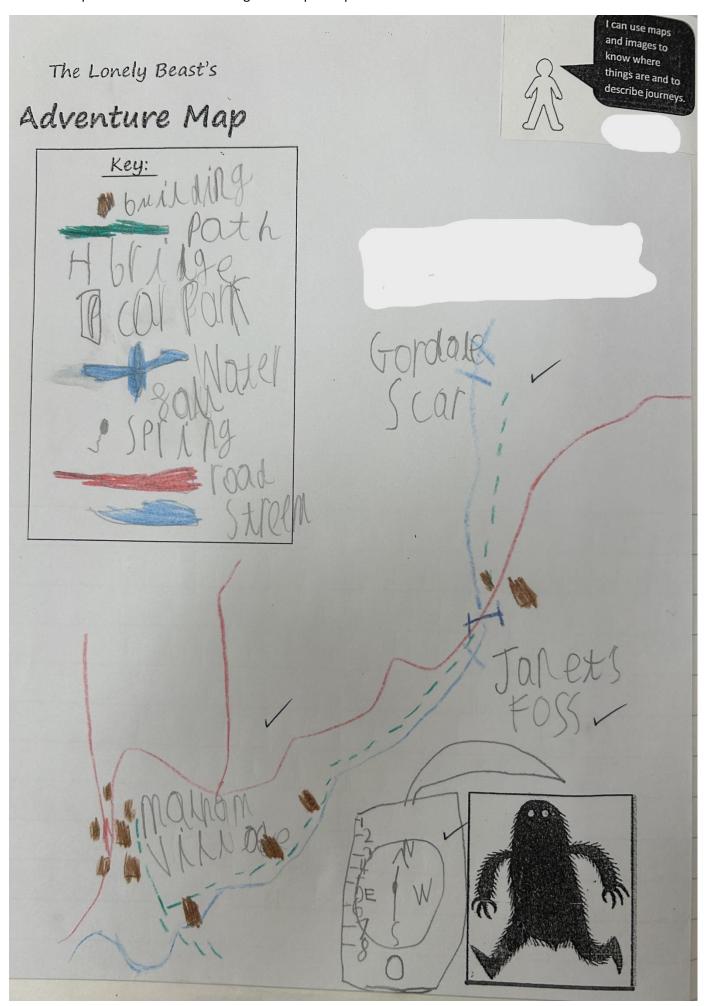
Year 1 Floorbook work – understanding the concept of what a map is:



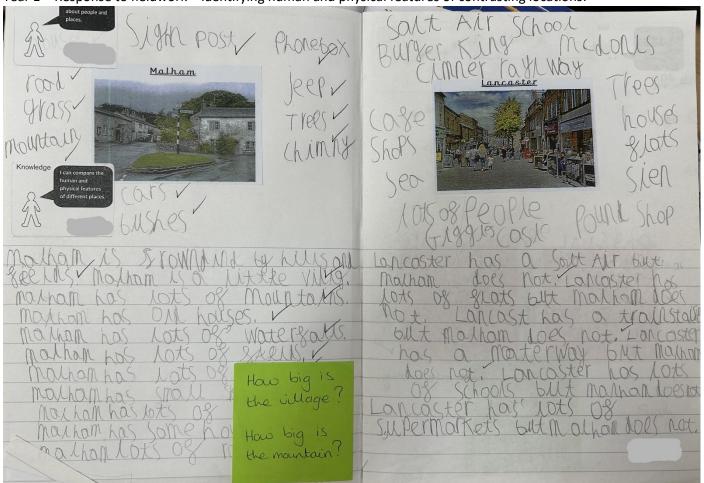
Year 1 = Same objective — child working at higher level:



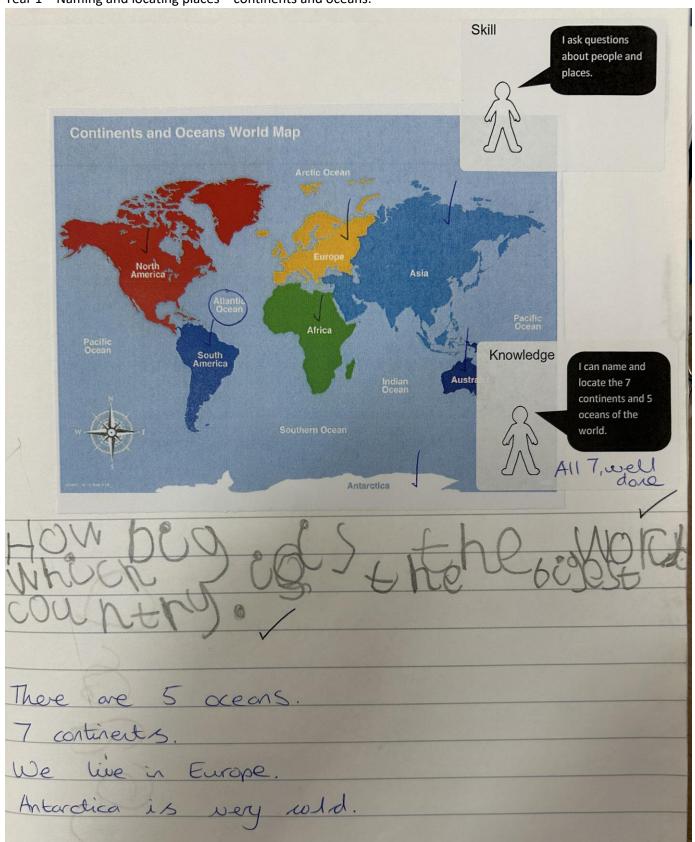
Year 1 – Response to fieldwork – making own simple maps:



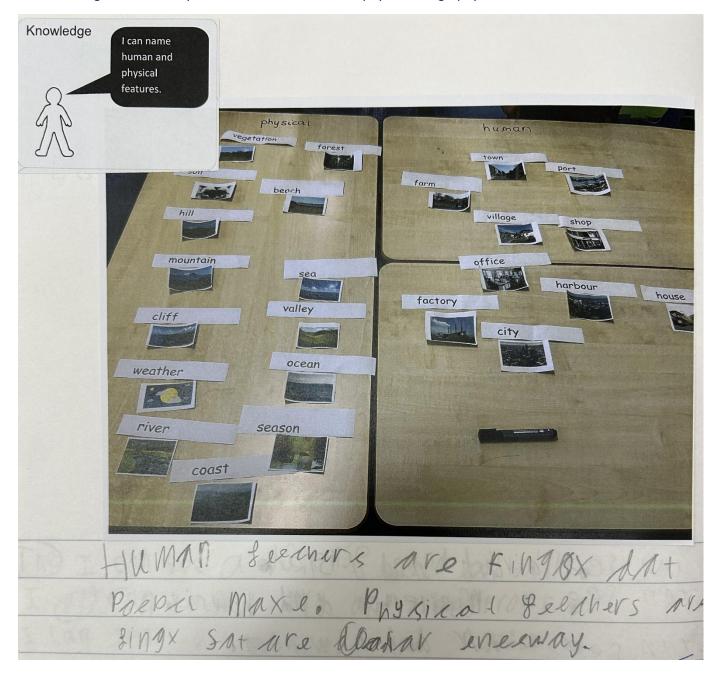
Year 1 – Response to fieldwork – identifying human and physical features of contrasting locations:

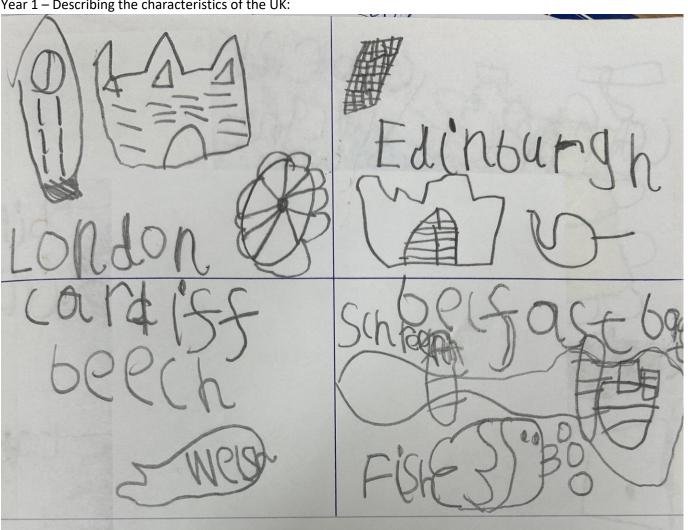


Year 1 – Naming and locating places – continents and oceans:



Year 1 – using the vocabulary associated with human and physical Geography:





The UK is made up of 4 countries.

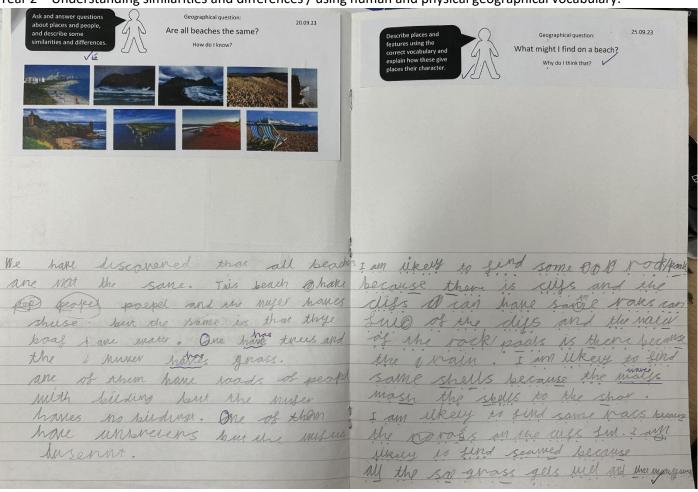
London has Big Ben and the Howes of Parliament.

The London Eye is in London.

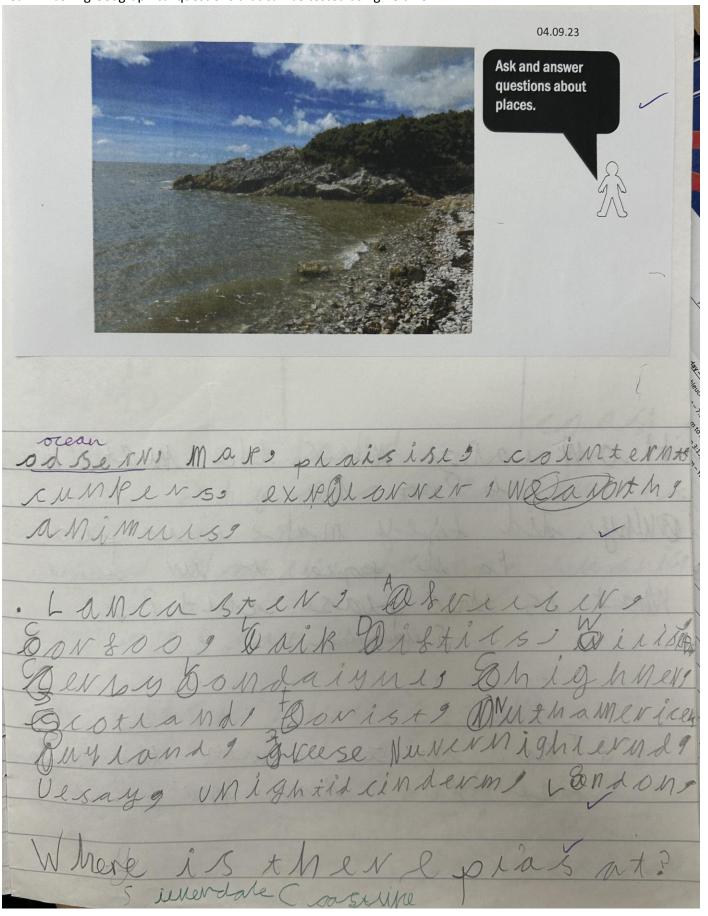
Edinburgh has a big Castle and people play the bagpipes. Men wear kills in Scotland.

In Cardiff there is a beach and some people speak Welih.

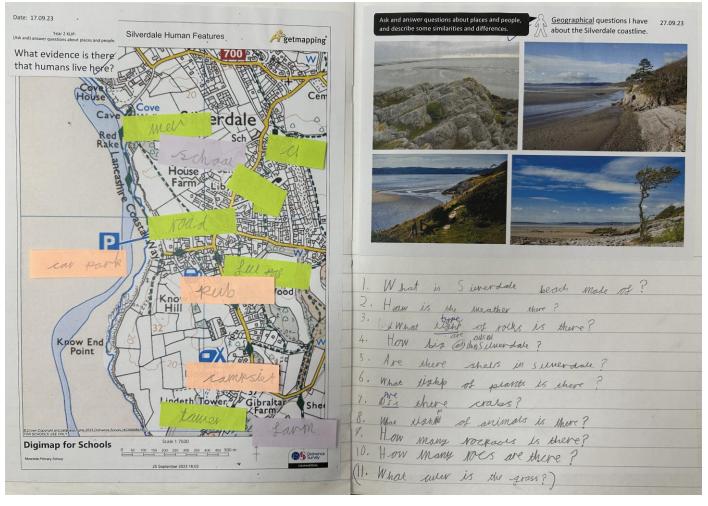
Year 2 – Understanding similarities and differences / using human and physical geographical vocabulary:



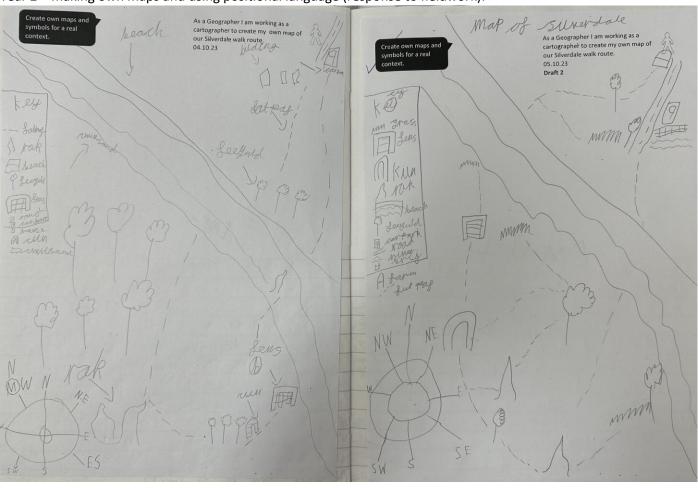
Year 2 – asking Geographical questions that can be tested using fieldwork:



Year 2 – asking Geographical questions that can be tested using fieldwork:



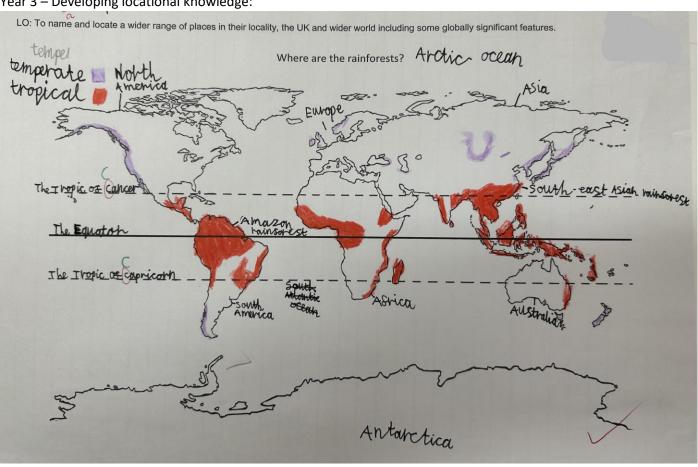
Year 2 – making own maps and using positional language (response to fieldwork):



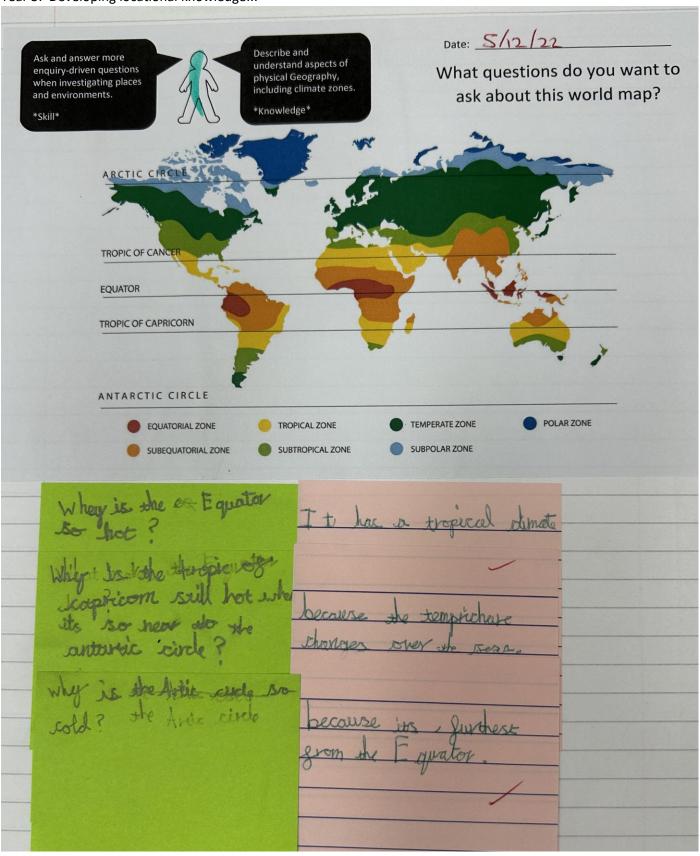
Year 2 – Summary of fieldwork learning:

Describe places and features using the correct vocabulary and explain how these give places their character. Geographical question: What did I learn at Silverdale coastline?	I know that silverdare to his fossifg because fished and sousting the sousting has many human features. It has a kim because mi the past they west the kilon that for a up own and sected rightnessous to make pounder for the sound to grow betor.
The Silverdale coastine 13 th has Many physical features. It Man quilk sand that is been that failenners and there is wars March poals and theye have chabs hi the goods the right romed and it bring the higher is alsoy and It is theore 13 the show	the people can get with an there is makes because the animal can expeate is the that there is housers the simestia because the people with there.

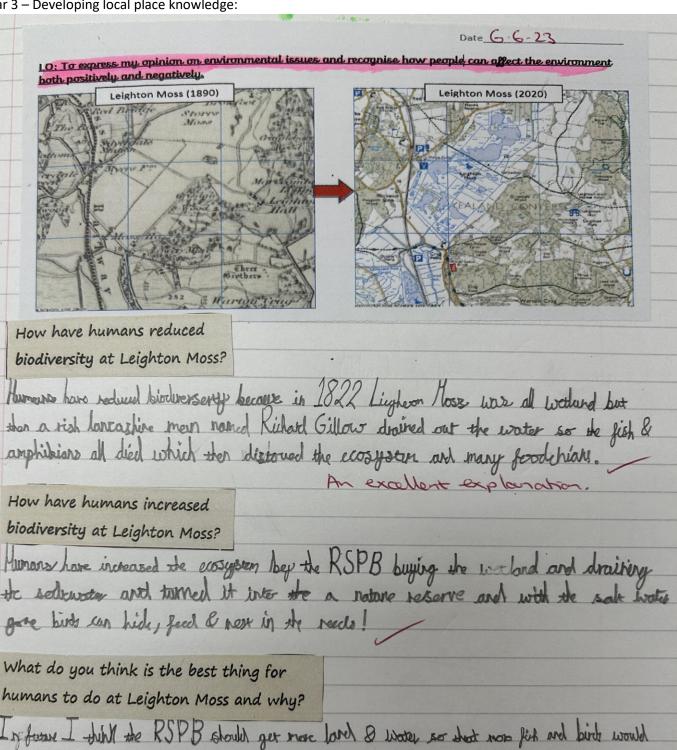
Year 3 – Developing locational knowledge:



Year 3: Developing locational knowledge:..



come and live in the water.





Observe, record and explain physical features of the environment.

LO: Understand geographical similarities and differences through the study of physical features of a region of the United Kingdom, a region in a European country, and a region within North or South America.

Tropical Rainforest - Amazon













We got more because I thought the Amazon was the biggest so it would have lots of pictures. We got them whomas because we thought it would be really depose.

Temperate Rainforest - Scandinavia











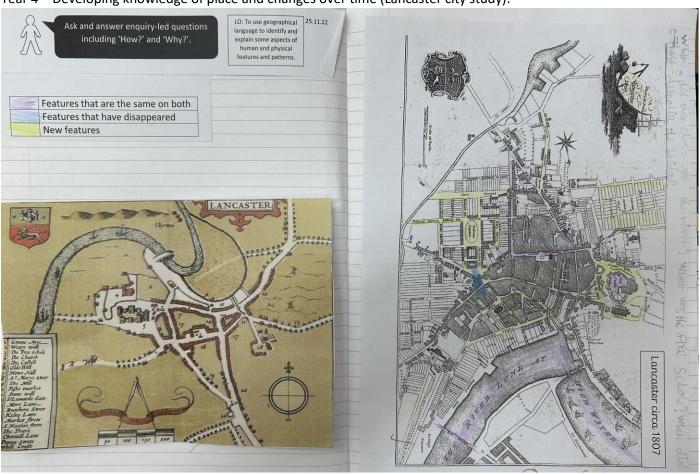




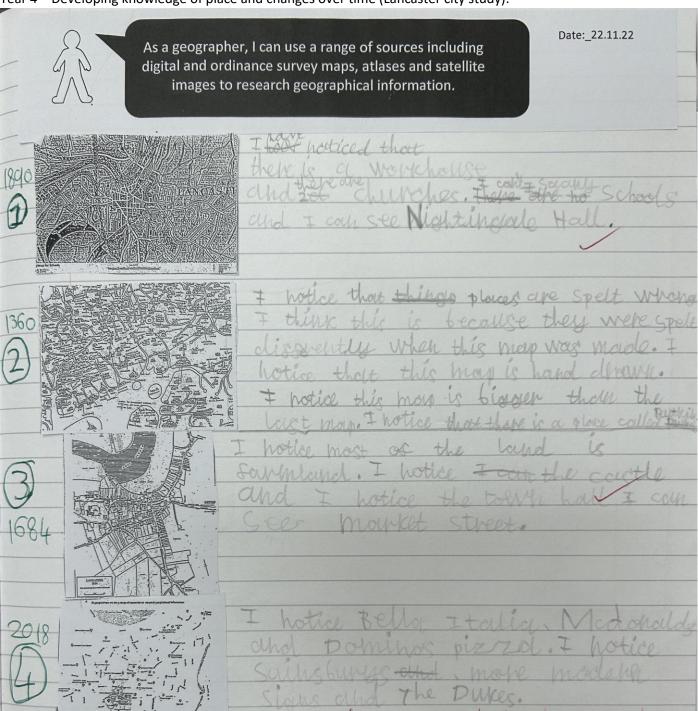


We thought we distribe cooprise it and it so it animal was a suck and we put it in uk we thought an in it. I was be thought an in it. I was so we distribute thought an in it.

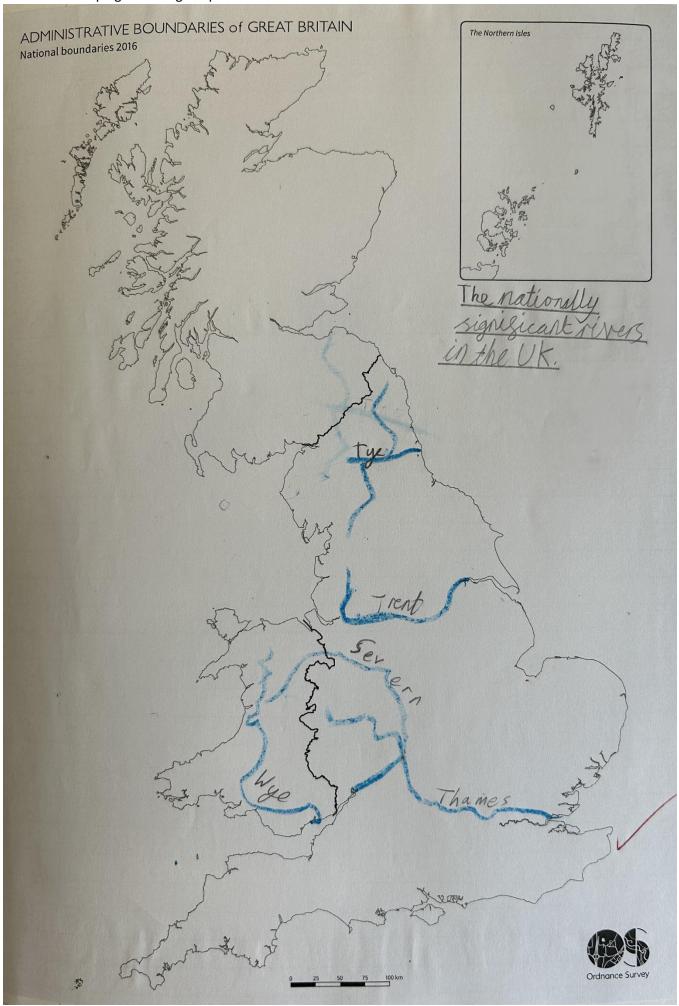
Year 4 – Developing knowledge of place and changes over time (Lancaster city study):



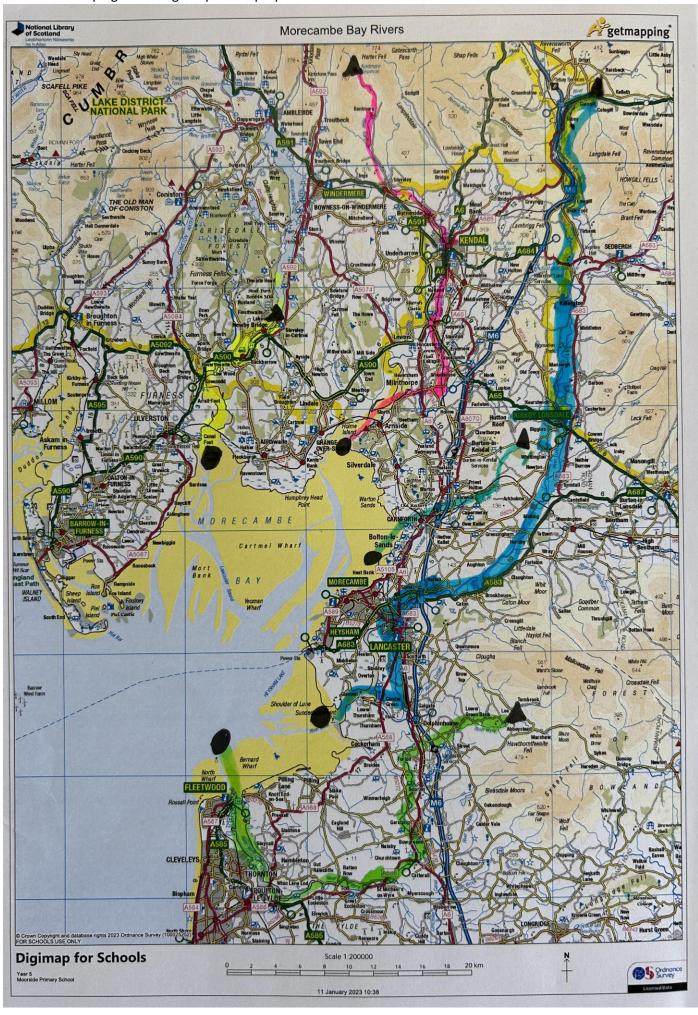
Year 4 – Developing knowledge of place and changes over time (Lancaster city study):



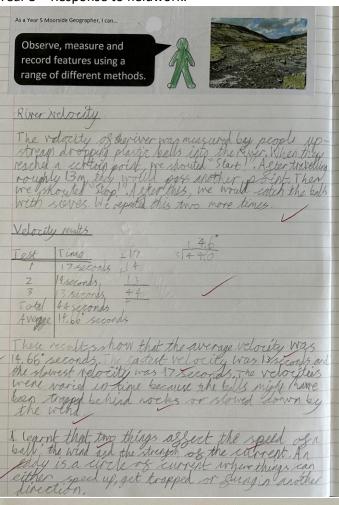
Year 5 – Developing knowledge of place:

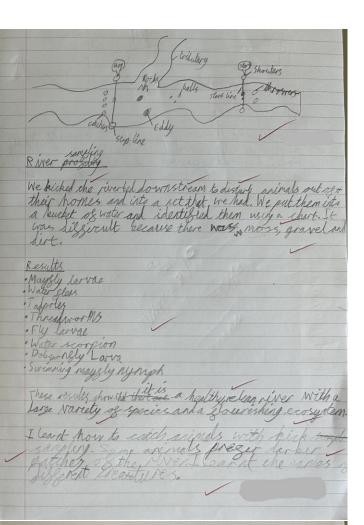


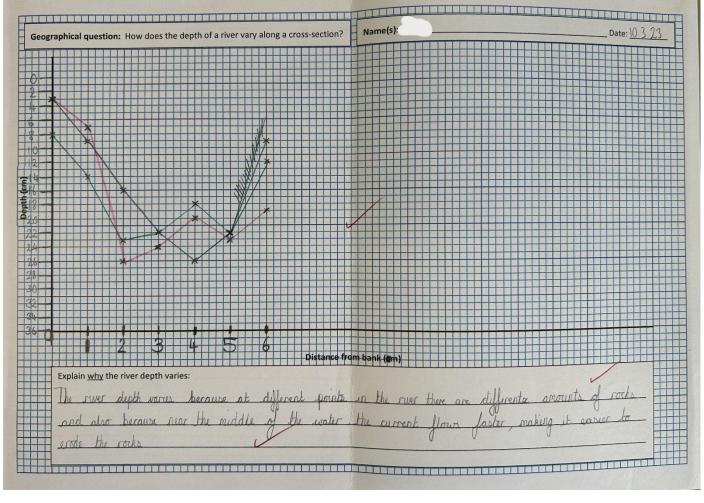
Year 5: Developing knowledge of place in preparation for fieldwork:



Year 5 - Response to fieldwork:







Year 5 - Developing locational knowledge: 10: Recognise geographical issues affecting people in different places and environments hat types of settlements use the Nile? he settlements that use the Nile are cities towns villager, houses and hotels A few more settlements that use the Nile include disports, officer, docks, monuments and schools. Resteraunts and cafes are also settlements that use the Vile I What is the land used for? The land is used for planting and growing crops. It is also used for building projects, townsim and also agriculture. I What economic activity is there? The economic activity is includes trade, travel, corrises and ferries, construction and communication. More examples of economic acrity activity are mining mining, manufactoring and energy production

Dear Cat Smith,

In writing to inform you about the horrible situation in Lake Windermere. It the moment, the lake is filled with raw, untreated sewage which is frequently being released and it is causing critical damage to the environment. Ask yourself, do you actually want the residents and towrists of Windermere to be advised not to make use of the lake because of the risk to human health or do you want Lake Windermere and the watercourses around it to be kept clean and safe for visitors?

An overshelming reason why we should stop this disaster from happening is because of the impact that human advirtues are having on the quality of the water in Lake Windermere and also because of the risk that it is creating to the animals that are living in and around the lake which include fish, birds, amphibians and even sheep. Salmon, brout, newbs, kinglishers and lambs are also some of the other types of animals that are dying because of the pollution in the lake. Lambs are being born dead from a disease hamed campyloritariosis when the sheep are kept in the fields near/next to the rivers leading into Lake Windermere. Chris-a local farmer who has farmed land close to the source of the river Rothay for generations-states that sheep and lambs which have been kept in the fields close to the river, which is downstream from Ambleside water treatment works, had campylocterious which he is certain is caused by the discharges from

the treatment plant. The illness causes unborn lambs to die whilst in the womb. He daims that between 70 and 80% of lambs died before being born. This is clearly a homendous situation if the animals, especially sheep, are duing because of the pumping of untreated sewage!

Moreover, would like to draw your attention to the fact that the water companies (including United Utilities) are spilling the sewage into our rivers and lakes for more frequently than allowed. In fact, data shows that Ambleside water treatment works pumped sewage into Lake Windermere for 1,719 hours in 2020. 1,719 hours is equivalent to 71 days! Also, in 2021, water companies (in total) pumped 2,667,452 hours of spills! One of the reasons why water companies are spilling sewage for hours is because the populations are increasing and instead of using the money they earn to expand the sewage plants, they use it to pay their employees. In 2022, United Utilities posted a profit of over 600 million pounds and Ambleside water treatment works was built for 5,000 people but in 2019 Windermere had 20 million visitors. This means that Lake Windermere has hours of pumped sewage in its unters and the amount is still increasing rapidly. The releasing of sewage into Lake Windermere and the amount is still increasing rapidly. The releasing of sewage into Lake Windermere and the rivers around it is absorbing. Atomious because of the major impact that it is having on the stunning scenery around Lake Windermere. How would you like to swim in a contaminated lake?

Unbelievably United Utilities did actually invest in a project to improve Lake Windermere's water in 2017, but the project was not enough. A United Utilities spokesperson claims that in 2020, United Utilities invested 40 million pounds to try to improve the water quality in Windermere. They inserted a 6/2 km pipe near the lake and made major improvements at Windermere and Ambleside wastewater plants. However, any educated person would know that the improvements that they did make were definately not significant and they do not balance the amount of sewage that is being pumped into the lakes and rivers. United Utilities need to do more and they need to invest a lot more money to improve Lake Windermere's waters.

Lastly, watersports and wild swimming have become even more popular in the last few years but unfortunately, the people that enjoy these activities are becoming at risk.

The sewage in the lakes is a danger to the health of people that like to wild swive and play watersports. As a result of the pollution, tourists are catching stomach bugs, becoming ill

and even dying. Sue, a keen wild swimmer, states that before she goes swimming, she has to look online and check what the sewage levels are of the lake. If the sewage levels are look high, it is frustrating and upsetting as some people lowe wild swimming.

To conclude, I remain extremely concerned about this issue. I ask you this - is it acceptable that Lake Windermere, which is one of the most isomic, admirable lakes in England, is getting polluted by United Utilities pumping masses of untreated sewage into its waters or should they be stopped from their dreadful practice? I would be thankful for you thoughts on this matter and a gar waranke that you will take this issue up with the government.

Cat Smith MP



HOUSE OF COMMONS LONDON SW1A 0AA

cat.smith.mp@parliament.uk

10 May 2023

Dear Daniel,

Thank you so much for taking the time to contact me regarding the impact which pollution and sewage are having on Lake Windemere.

It is vital that we protect our natural world from harm, and you are therefore absolutely right to highlight that the levels of sewage being pumped into Lake Windemere and streams and rivers in the surrounding area are completely unacceptable.

Last week in Parliament I had the opportunity to highlight these concerns in the House of Commons in a debate on Water Quality. You can read my speech attached to this letter.

Unfortunately, there was a strict time limit on speeches so please accept my apologies if I was not able to name you personally during the debate and please do get in touch again if there is anything else you feel strongly about which you feel it is important for me to raise.

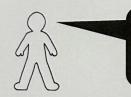
Thank you once again for taking the time to contact me on this hugely important issue.

Yours sincerely,

Cat Smith

Member of Parliament

Lancaster and Fleetwood



Recognise and use Ordnance Survey symbols and locate features using six-figure grid references.

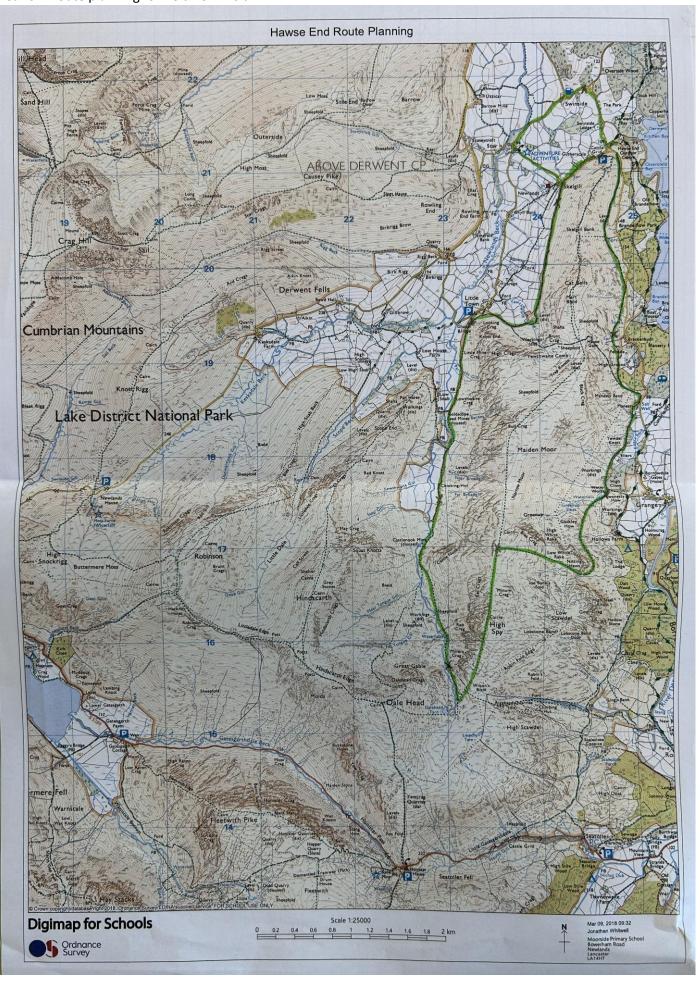
Find these landmarks / features on the map, then give a six-figure grid reference for them:

Lodore Falls	2641871
Rampsholme Island	264213/
Latrigg summit viewpoint	2792461
Campsite near Newlands Beck Bridge	2422381
Summit trig point of High Seat	287181
Hospital in Keswick	26B24V
Borrowdale Gates Hotel	257.179./
Roward Hazirar	235717./
Little Town car park	2331951
	131,736./
Braithwaite School	6747 76

Use these six-figure grid references to identify a landmark:

A boxt /
in J
Works
ф
$m\sqrt{}$
Hor Haws End Dutdoor Centre 1
wan site.
op Lead muses
roundakout

Year 6 – Route planning for fieldwork visit:



Year 6 – Using GPS and maps at a range of scales to orienteer and geocache:

$\underline{\text{Use the GPS to find the geocaches.}} \ \ \text{The clues won't make sense until you reach the destination.}$

- 1. Press and hold standby (labelled *light*) to turn on the GPS.
- 2. Go to Where To? using the joystick. Click the joystick to select.
- 3. Go to $\it Coordinates$ using the joystick. Click the joystick to select.
- 4. Enter the location by moving selecting the numbers using the joystick.
- 5. Use the arrow buttons to move past the N and W letters.
- 6. Select *Done* using the joystick. Click the joystick to select.
- 7. Press Back then Compass.
- 8. Follow the directions, noting the distance and time to destination.
- 9. When the GPS says Arriving at Coordinates, you are in the right place.
- 10. Find the geocache, copy the code and replace it secretly.
- 11. Press Back to start again with different coordinates.



Year 6 PE KLIPs:

- Follow a simple route on an OS map and keep it set and identify different features and successfully complete a timed orienteering course (competition).

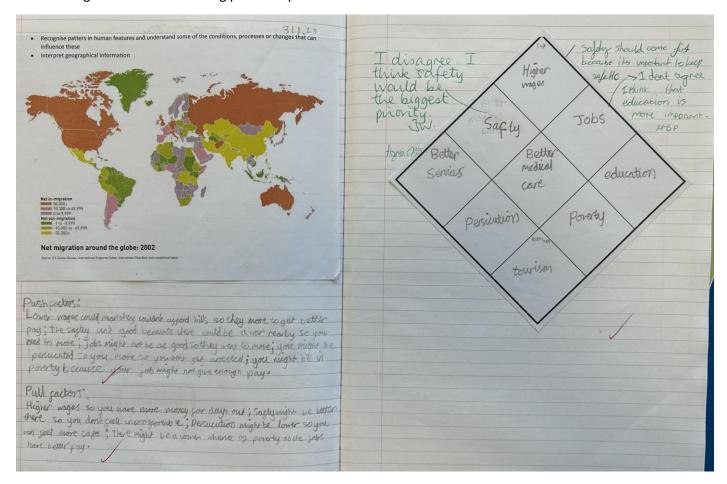
 ▶ Accept responsibility when working in a team.

Year 6 Geography KLIP:

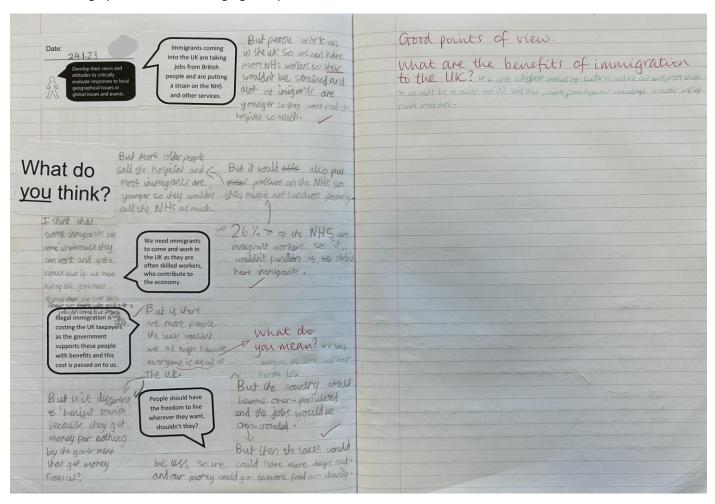
▶ Interpret a wider range of geographical information and maps including scale, projections, thematic, and digital maps.

Coordi	nates	Clue	Location	Colour of Dice and High	est Number
1.	N5401981 W00247082	Ramp It Up			
2.	N5401956 W00247122	Down the Drain			•
3.	N5401954 W00247059	Chained Up	Bike rack.	White.	4.
4.	N5401938 W00247108	A Shedload of Clues	Asboterf.	Black.	9.
5.	N5401962 W00247088	Can You Dig It?	Reception outdoor classroom.	Green.	6.
6.	N5401924 W00247046	Off His Trolley	Roundhouse area.	Red.	20.
7.	N5401959 W00247085	Stop Spouting Off	Year 1/2 benches area.	Purple.	20.
8.	N5401924 W00247074	A Seedy Location	Orchard area.	Orange.	20.
9.	N5401983 W00247056	A Prickly Problem	1 12 1		0.00
10.	N5401939 W00247125	Through the Window	Mr cheal's windowsill.	Blue.	20.
Na	me:	Time	: one hour. Date	: 27th Ja	nvary.

Year 6 – Migration – understanding push and pull factors:



Year 6: Giving opinions and challenging viewpoints:



Year 6 – Using data to identify Geographical trends:

The median age age the same? increases since people live to other years. Why was there such a large It gets denser because uncreasein The population cange more people live there.									In the first picture it shows that a lot of of people live to mound 80-90 years old. You can see that there is a similar amount of male to famile. The amount of seople stays around the same until about 60 years old. This county is a first world
opulation?	decred	sed bee	ause	2/	/	712		Mado	in that times.
Vear Clark Population P	1,739 (05%) (1,00%) (1	84,224,910 84,594,707 82,983,315 79,682,641 79,856,189 83,396,384 91,261,864 82,583,645 75,704,582 75,808,712 72,4770,690 60,926,770 52,385,962	Median Age 30.9 (20.8 (20.2 (2	Fe/hilty Rate 247 251 251 251 251 251 251 301 3.44 3.59 3.86 447 4.93 5.02 4.90	Density (P/Km²) 52 52 51 51 50 50 47 44 41 39 36 33 30 27 25 22 20 19	44.8 % 43.0 % 41.2 % 39.3 % 37.7 % 36.6 % N.A.	Urban Population 4,378,993,944 4,209,439,619 4,219,917,318 4,140,188,92,83 3,981,497,683 3,981,497,683 3,981,497,683 2,215,906,907,513 2,215,906,907,513 2,215,906,907 2,077,939,063 1,754,201,029 1,508,624,944 1,354,215,440 1,324,215,440		In this countries diagram, it chows that not very many people live to over 60. They are also of children had they do not his to very long. There are a similar amounts of woman to family world country. This, suggests that it is a formal world country and it observe how much money. The amount of people who live to drops after
The popular inercorses a medican has saved hives	helped	th.	child lisa	lren cos	beca tof	Livin	nstre.		The last diagran shows that there are a by of people live in this country. This augusts Finish this one if that it it as first world country and they lave groad madealian. There are a lost of old pages. They are as not of old pages.

1. I noticed that the population declines as the age increases.

Ithink it may be a developing/poor country since there are not very many old people. It was kenya 2 think this coultary is developed and rich because there are the population maintains throught the years until about 85: here are not as may children as adults in this country. It was Japan 3 This country has a lot of children, adults around the age of 30-40 and 60-70-year-old people. I think this is because each generation had a lot of children at the same time throw Armenia 4 This country's population stays the same until about 80 years sound I think this is because there is not good a weathy country since the so population only slightly decreases at an oldage. It was the UK 5 This country has a similar population, throughout except for the ages of 0-4 and 14-30. I think this is because 2 generations ogo not many people reproduced so there are even less people this generation. It was likely 6 K noticed this country how a lot more mate then Jemate. The stochast increase starts at about 25-30. I also noticed that between the ages of 20-24 the population decreases and then increases straight after. I was Bohrain i ots of male nigronts.