

Summer 2nd – Week 4

Geography: Rivers

Geography Milestones:

- Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways.
- Use the eight points of a compass, four-figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.

Describe and understand key aspects of:

- Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.
- Human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.
- Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.

LO: To use fieldwork to observe, measure and record the human and physical features in the local area.

This week I would like you to...

If possible (along with an adult or even your whole family) I would like you to go on a field trip to a local river! Obviously, the River Lea is on your doorstep but if you wanted to venture further afield that's up to you!

Please make sketches while you are there and take photographs. Use the 'Local River Study' sheet (below) to answer questions and collect information. You will need to keep all of the information you gather safe as you will be using it for next week's challenge. Good luck and enjoy your field trip!

Remember - you don't have to do this challenge all in one go - you could spread it over a few days if you prefer. As usual, I would love to see the work you produce from this week's Geography challenge so remember you can share via email. With your permission, I will add great Geography work to our class gallery on the webpage.

Local River Study

Answer these questions as you move along the river.

1. What is the name of the river?
2. Where is its source?
3. Where is its mouth?
4. Are you nearest to the source, the middle or the mouth?
5. What is the name of the nearest confluence?
6. What is the nearest town to this part of the river?
7. How is the river used?
8. Is the area flat or hilly?
9. What is the ground like? Chalky, stony, rocky, sandy?
10. Are there any river features? Meanders, erosion? Sketch the ones you have seen.

11. Can you see any evidence of humans controlling the river?
12. Can you see any wildlife? Are you surprised by the amount you have seen?
13. Have any of the animals made homes in the riverbank?
14. What advantages/disadvantages are there of wildlife living in the city?
15. Can you see any signs of pollution?
16. Why would it be particularly dangerous for a river to be polluted at its source?
15. Please write down or draw anything else of interest.

