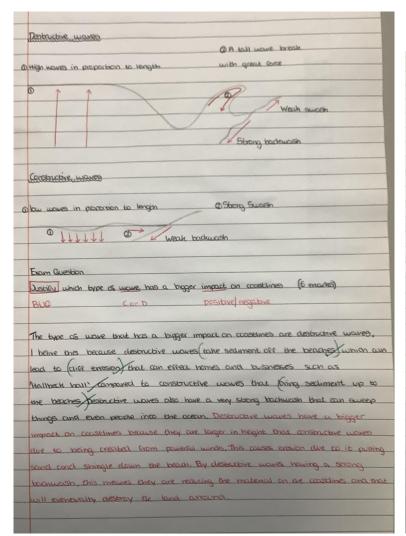
Outstanding Work in Geography

Date - 28 / March / 2025 LOURY COUXSE Flood Plains are made up of layer or sediment that are being deposit Over time by a series of ploods due to increase friction during flood, flow slows and deposited materials. As meanders cut across the floodfan they widen it. After each flood, the Hoodflan is lest a little higher up due to the huld up of sediment. composed of gravel, store and Alluvium Allevium - selt | sodiment carried by river and deposited Befoxe flood Plood-Stage water level During Prood Thickest and coalson Thin and fine Sedimonis Sedimont deposited doposipal over outer at chand edges Pert of Flood Plan Matural leves mont plood Aller many poods leques are found in the lower river section in order for them to form the river must first flood when the river flood the water legues the

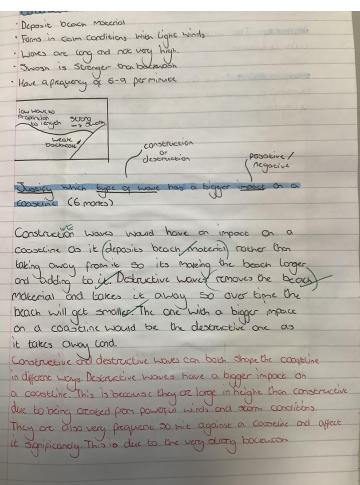
over bank, the lighter sediment are correct futher away.

lephees increase the height of the nugr bonks and therefore act to Prevent Acording in Future however if he river does stood, leeves often makes the Situation wase, this is because the water cannot return to the channel over the high rive bank. Levels can only form whose a river corners sediment like much and silt, his is what they form in the middle and section (10 war) as the water has known energy to transport sediment in the channel. Chazactexistics of an estuary the Point whise freshwater meets with Salt Pla-180cm water desce trans can be very wide will have muderals Farms " May have a hold work An estuary is the tidal Part of a nor-whose the channel und ns as 4 reaches the sea Stuaxy XRFOXMation 1) As sea lavel use Leng after 100 9500 1000 14119 valley sides comes Solve of rivers were stooding creating estuaties Leg the 2) Where fresh and salt water meet and during a using thole that seven estuay) river's velocity talk and sediment is deposited. this form exclansive middless in swell-red areas Kexposed at 1000 tides) river channel, the walk theres harfare loses energy as a result 3) Over time these may develop into saltmarshes deposition occurs, the heaver sediment are deposited first nearer that

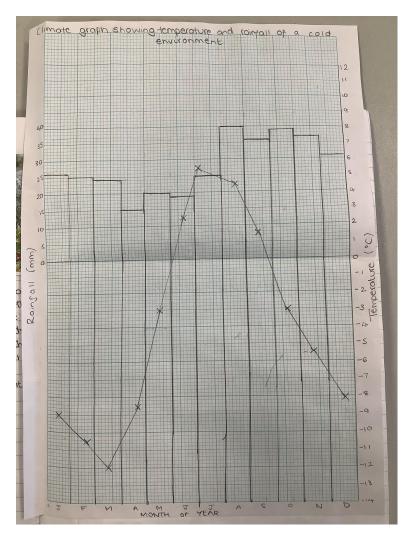
GCSE Geography: river features.

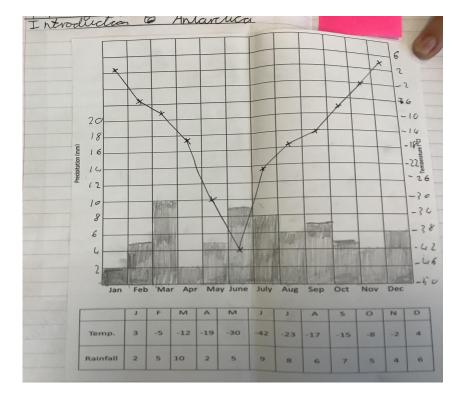


Year 10 exam skills.

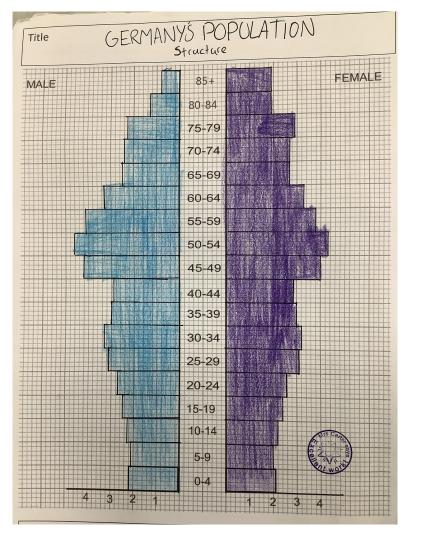


Students deconstruct the exam questions and evaluate how well they have done. They then make improvements in red pen.

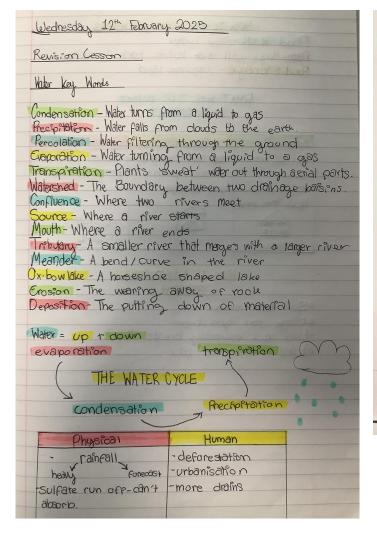




Climate graphs: Year 10 (left) and year 8 (right).



Population pyramids



| Cause of Flooding | | | |
|-------------------------------------|--|--|-------------------------|
| Cause | <u>Description</u> | | Physical or Human Cause |
| Prolonged rainfall | This le | comes sodurated after protonged rainfall. This leads to an increase are run-off as rainfall can no longer cipilitate the Soil. and to More water entering the river channel, increasing | Physical |
| Heavy Rainfall | to reach | rainfall can result in water arriving to quickly to a the soil. This increases surface run-off, leading to will'en the river channel quicker, resulting in greater rists landing | Physical |
| Geology | Imperme | Physical | |
| Relief | Mountains. The steeper the stone, the More rapid the Water Slows, increasing | | Physical |
| Building / | Urban de Swiga ce | than development affects water movement and non-absorbent Human | |
| Deforestation | Vegetati Withou | on helps slow down flooling by absorbing the water. I them, more water flows to the river. | Human |
| | | Flood Management Methods | |
| Technique | | Description (include some advantages and disadvantages) | |
| Dams and Reservoirs | | Stor floods & Store Water for drinking. Cost alot to build and can harm orind | |
| River Straightening | | Makes rivers straighter but can cause flooding Suther downstream and | |
| Flood Plain Zoning | | Planting Protects houses and keeps people sage but he can be hard to do in areas where people already line. | |
| Afforestation | | Planting trees near rivers to slow down water, but large areas are needed for them to grow. | |
| Flood Warnings and L Preparation | | Let people know when a slood is coming, but it doesn't Stop the Slood itself | |

Year 8: rivers.