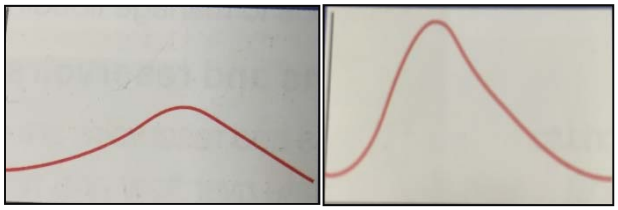
Term 2 Year 10 Paper 1 Section C: River Landscapes in the UK

Physical Landscapes in the UK - Rivers	**RED**	**AMBER**	**GREEN**	**Achieved in Midterm DIRT**	**Achieved in the post assessment**
Recognise the difference in long and cross river profile and how the river changes downstream					
Describe and explain the different processes of erosion, transportation and deposition					
Describe and explain the formation of key erosional features (waterfall and gorges)					
Describe and explain the formation of key middle course features (meanders and ox bow lakes)					
Examine the changes of a named river from source to mouth					
Explain the causes of flooding					
Analyse the difference in storm hydrographs ad lag times (urban and rural)					
Asses how rivers can be managed using hard engineering techniques					
Asses how rivers can be managed using soft engineering techniques					
Assess how a named area has been impacted by flooding and the solutions put in place to limit the risk					

Percentage	**I can …**	**Prove it!**
+84%	**I can evaluate a topic by presenting the positives and negatives before reaching a conclusion. I can defend my judgement using a variety of evidenced points.** • ***Arguments that support the statement. Why is it correct?*** • ***Arguments against the statement? Why is it incorrect? Suggest a minimum of two alternative options explaining how they would impact differently.*** ***Overall do you agree or disagree with the statement and why? Use evidence to back up your points.***	1) Use the image below & your own knowledge to describe the social, economic & environmental effects of a flood you have studied.  2) Assess the effectiveness of a flood management scheme you have studied. 3) *Hard engineering is effective at preventing river flooding.* To what extent do you agree with this statement? *Soft engineering is effective at preventing river flooding.* To what extent do you agree with this statement?
72%	**I can compare two or more factors using detailed evidence to back up my comparison. I make sure I explain how they will impact differently.** **I can break information into parts, such as:**	1) Describe and explain how the shape of a river channel and river valley changes downstream. 2) Using a named example of a river valley you have studied, describe how fluvial processes have created its major landforms.

	• **Social, economic and environmental** • **Primary and secondary effects** **Immediate & long-term responses**	3) Compare the two storm hydrographs below. How do they differ? What does this tell us?  4) Explain how physical and human factors affect the risk of river flooding. 5) What were the social, economic and environmental impacts of the Somerset Floods? 6) Explain how humans can protect areas from flooding using soft and hard engineering. Discuss issues which result from building dams and reservoirs.