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

Physical Landscapes in the UK	**RED**	**AMBER**	**GREEN**	**Achieved in Midterm DIRT**	**Achieved in the post assessment**
Explain the different relief across the UK					
Read a cross section of contour lines on an OS map					
Coastal Landscapes:					
Describe and explain the characteristics of both constructive and destructive waves					
Explain the different types pf sub aerial processes (weathering and mass movement)					
Describe the different types of erosion and explain how a variety of associated landforms are created					
Describe how deposition and longshore drift create a number of different landforms					
Know a named case study and explain how different processes and factors have influenced the coast					
Study a coastal area using an OS map and pick out features using the key					
Asses how coasts can be managed using hard engineering techniques					
Asses how coasts can be managed using soft engineering techniques					
Explain the effectiveness of a managed retreat					
Evaluate the management of a named coastline					

Percentage	**I can …**	**Prove it!**
	**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) *Coastal management schemes are effective in protecting the coastline from physical processes.* Do you agree? Using an example, explain your answer. 2) *Hard engineering strategies are effective at protecting the coastline.* Do you agree. Justify your answer. 3) *Soft engineering strategies are effective at protecting the coastline.* To what extent do you agree with this statement? 4) Assess the effectiveness of a managed retreat example you have studied. 5) *All sections of the UK's coastline should be protected similarly.* Discuss. **6. CASE STUDY: DORSET COASTLINE** • Describe the location of the Dorset coastline. • Explain why it is at risk of erosion (rock type, wave strength, longshore drift). • Describe how erosion, transportation and deposition have created distinctive landforms in this area. Evaluate the effectiveness of strategies used to protect this stretch of the coastline.

	**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:** • **Social, economic and environmental** • **Primary and secondary effects** **Immediate & long-term responses**	1) Describe how rock type has affected the UK's varied physical landscape. 2) Describe the social, economic and environmental uses of the UK's coastline. 3) Suggest reasons for the differing impact constructive and destructive waves have on the UK's coastline. 4) Using examples, explain the link between weathering and mass movement. 5) Using an example, explain how geology can result in coastal features, such as headlands & bays. 6) Compare beaches formed by constructive and destructive waves. 7) Compare how soft and hard engineering protect our coastlines differently. 8) Using a named example of a coastline you have studied, describe how coastal processes have created its major landforms. 9) Explain why hard engineering strategies are becoming less common. Explain how a coastline of headlands and bays forms and changes over time.