

















Explain the formation of a sea stack. (4 marks)

L1 – Partial sequence with separate statements. No explanation:

'A cliff or headland is attacked by the waves. Cracks are forced apart and a cave can form. If the cave is eroded all the way through it makes an arch. The arch can then collapse leaving a sea stack'.

L2 – Complete sequence and erosion processes. Clear explanation for 4 marks:

'Lines of weakness on a cliff or headland are attacked by hydraulic action. This is when water gets into cracks and compresses the air, forcing the cracks apart. As the cracks are forced apart a cave can form. If the cave is eroded all the way through by other processes such as corrasion, when rocks are flung at the cliff, then an arch is developed. The arch can become unstable because of a lack of support from underneath. The roof can then collapse through gravity to leave an isolated sea stack'.

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(a) (ii)	Explain the formation of a sea stack.
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	A named example of a stack is Old Henry

