**Year 11 Geography homework – Cycle 3 Week 3**

**Theme 2: Coasts**

1. **AO1 (knowledge)- Name the key process (4 marks)**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - large rocks are rolled along the sea bed

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - sediment is moved along a coastline in a zigzag movement

\_\_\_\_\_\_\_\_\_\_ - sediment is dropped by the sea

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - pebbles bounce along the sea bed

1. **AO2 (understanding) – answer the question below in full sentences (4 marks)**

Explain the formation of a spit. You may use a diagram to help.

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1. **AO4 (skills) – 4 marks**

Complete the table below with the correct sampling methods (systematic/stratified/opportunistic/random)

|  |  |
| --- | --- |
| **Sampling strategy/method** | **Description** |
|  | Use a number generator to choose the sampling sites in metres along a straight line transect |
|  | Pick pebbles (to measure) on a beach based on what is closest to you |
|  | Stop every 1m across a river to measure the depth of the river channel |
|  | Ask a certain % of each year group at school their opinion about traffic on Topsham Road |

***Stretch yourself***: What is an advantage and disadvantage of each of the sampling methods described above?