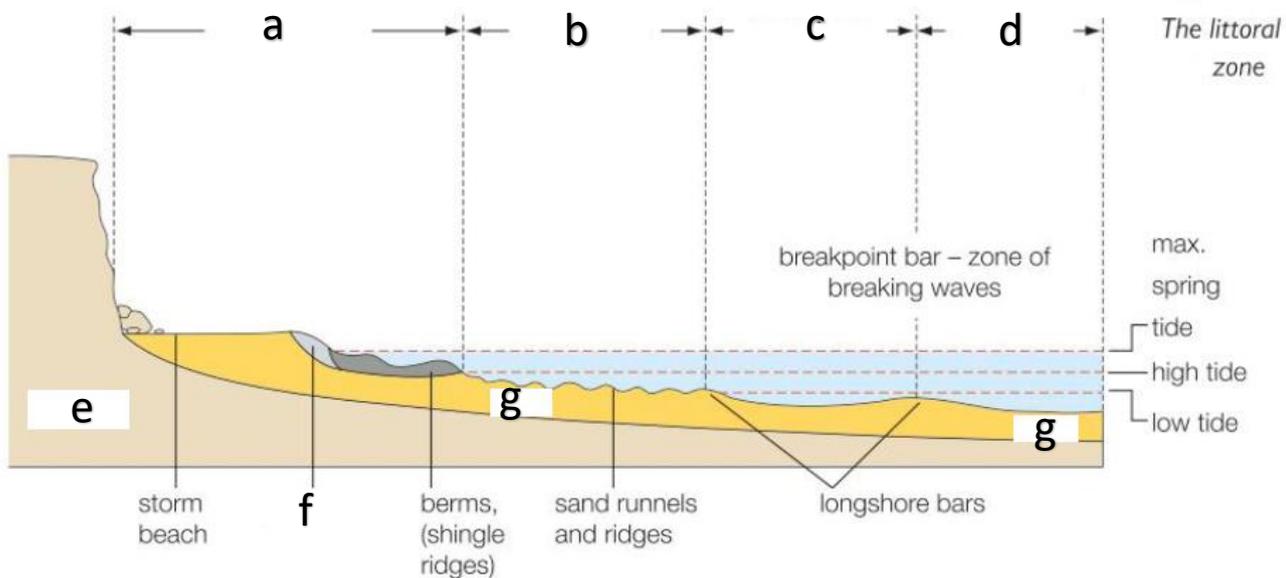


Welcome to Geography at One. We look forward to seeing you in September.

To make sure that you are ready to start learning we would like you to complete the following tasks. How you present this is completely your choice; it could be a poster presentation, it could be on PowerPoint or it could be handwritten. We would like to see your pack at registration if

Make sure you bring it with you to your first Geography lesson.

1. Write definitions for the following words:
  - a. Igneous rock
  - b. Metamorphic rock
  - c. Sedimentary rock
  
2. Define swash, backwash and longshore drift.
  
3. Label the zonation of the beach below:



4. Explain the following erosional processes:
  - a. Abrasion
  - b. Attrition
  - c. Hydraulic action
  - d. Corrosion
  - e. Subaerial/ weathering

5. Explain the 4 transportation processes:
  - a. Traction
  - b. Saltation
  - c. Solution
  - d. Suspension
  
6. Using diagrams or annotate a photograph research and explain the processes behind the following landforms:
  - a. Arches
  - b. Stacks/ stumps
  - c. Tombolo
  - d. Bar
  - e. Raised beach
  - f. Sand dunes/ saltmarshes
  
7. What is a coastal plain? What type of geology would you normally find associated with it? Where are examples?
  
8. What is a high relief coastline? What type of geology and landforms would you expect to see here?
  
9. Put together a fact file for **The geology and landforms of the Holderness Coast**.
  - a. Write a summary of 10 facts. (Don't be tempted to copy and paste from a website. Use many websites to build your research). Some of you will have looked at this already.
  - b. watch these links to help get you started:

[https://timeforgeography.co.uk/videos\\_list/coasts/coasts-intro/](https://timeforgeography.co.uk/videos_list/coasts/coasts-intro/)

&

[https://timeforgeography.co.uk/videos\\_list/coasts/Large-scale-erosional-landforms/](https://timeforgeography.co.uk/videos_list/coasts/Large-scale-erosional-landforms/)

- c. Consider Spurn Head Spit on the Humber Estuary. You need to find an image.
- d. Explain beneath the image of the spit the coastal processes involved in its formation; what is required for a spit to form?

10. Attempt this six mark question:

**Explain the factors that create an erosional coastline (6)**

11. Look at the image below and label the physical coastal landscape features that you can see. It is a view in Cornwall.

Look for 5 features



12. Draw a diagram to explain the formation of a destructive wave  
Label your diagram to show: wavelength, height, swash and backwash, peak and trough.

13. a. draw a diagram of a constructive wave  
b. Label your diagram to show the difference to destructive waves.