

## 9.5 - Waves Notes

- I. How Waves are formed
  - a. Waves
  - b. When the wave is out in the open water, the water particles do not move.
  - c. As the wave
  
- II. Erosion by Waves
  - a. Waves erode by impact and abrasion.
  - b. Impact –
  - c. Abrasion –
  
  - d. Waves change direction as they begin to drag on the bottom.
  - e. Areas that stick out into the ocean are called headlands –
  
  - f. Landforms created by wave erosion include sea caves, sea arches, and sea stacks.
  
- III. Deposits by Waves
  - a. Beaches –
  
  - b. Longshore drift –
  
  - c. Spits –
  
  - d. Sandbars & Barrier beaches – long ridges of sand that are parallel to the shore. They are formed by deposition of particles from waves.