

By: \_\_\_\_\_

## Earth and Space Sciences: Erosion Questions for Understanding



1. Storms can create large waves. Each storm washes more sand back to sea. Look at the picture above. Homes built close to the shore can be in danger. Even tall lighthouses are in danger. What do you think will happen to the lighthouse over time?
  
2. A man wants to build a home on the beach. Several large sand dunes block his view of the ocean. Should he remove the sand dunes or leave them? Why?
  
3. Large storms can cause erosion. Their waves can erode the shore. This is erosion by water. Read to find other natural events that cause erosion. List or draw two other events.
  
4. You can make a claim about erosion. A claim is something you believe to be true. How can people help reduce erosion?

**Supports and Develops:**  
 Science and Engineering Practices: Asking Questions (for Science) and Defining Problems (for Engineering) (1); Obtaining, Evaluating, and Communicating Information (8).

**Performance Expectation K-ESS3-3:** Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

**Crosscutting Event:** Things may change rapidly or slowly.