

How Can a Dam Change the Land?

Lesson 2

Science Notebook Page 3-8

1. When we observed the pictures in the last lesson, we noticed that change had occurred. Think about your own experience. What do you know about how land changes?

2. Look at these pictures of Mt. St. Helens. The volcano erupted in 1980. Using these pictures answer the questions in your science notebook.

- What was the land like before?
- What was the land like after?
- Did these changes happen quickly or slowly?

3. A landslide is a large amount of earth, rock, and other material that moves down a steep slope. Using the video answer the questions in your science notebook.

- What was the land like before?
- What was the land like after?
- Did these changes happen quickly or slowly?

4. A flood is a large amount of water that flows over the land, often in areas that usually do not have that much water. Using the video answer the questions in your science notebook.

- What was the land like before?
- What was the land like after?
- Did these changes happen quickly or slowly

5. Water can change the land slowly over time. Look at the video of what happens in a river. Answer the following questions in your science notebook.

- What do you observe?
- If you looked at this spot in 100 years, do you think it would look different or would it stay the same?

6. Wind can also change the land slowly over time. Look at the video of wind on a sand dune. Answer the following questions in your science notebook.

- What do you observe?
- If you looked at this spot in 100 years, do you think it would look different or would it stay the same?

7.-8. Now that you have learned more about how land changes, go back to your page 3 answers above and add a ***“line of learning”***. Below that line add what you now know now about how land changes.

- Write about:
 - o what you don’t know yet
 - o what you know about how land changes quickly
 - o what you know about how land changes slowly
 - o what you know about how water and wind change land.