## 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.