**Stream Erosion Video Question Page**

Student Worksheet Experiment 1 - Slope of Streambed (gradient)

1. Tell how the sand moved in the steeper gutter versus the gutter with the lesser slope.

2. What conditions in nature does this experiment model?

Experiment 2 - Amount of Water (discharge)

3. Tell how the sand moved with the smaller bottle of water versus the larger bottle of water.

4. What conditions in nature does this experiment model?

Experiment 3 - Pulses (or spikes) in Amount of Water

5. Tell how the sand moved with a fast pulse versus a regular pour of water.

6. What conditions in nature does this experiment model?

Summary

7. What effects could these variables have on a stream?

8. What can people do to protect their streams from flash floods?