

Name: _____ BL SH WI PE SJ Date: _____

Erosion: Here Today, Gone Tomorrow

The local park has a big problem! A rainstorm washed part of the hillside into the creek and left a big hole. Now the hillside will have to be filled with...what? No one is sure. No one wants the same thing to happen again. What can be done to stop erosion at the local park?

Click on the Introduction Tab and read the 4 pages of instructions. When you are done, enter your name and choose Level 1.

Perform different erosion experiments changing **ONLY** the amount of water.

Amount of Water	None	Plants	Trenches
Low	4 l (amount of sediment left in bottles)		
Medium			
High			

Now, perform a *different* erosion experiment, changing **ONLY** the incline of the land.

Amount of Slope	None	Plants	Trenches
Low	4 l (amount of sediment left in bottles)		
Medium			
Steep			

After performing these experiments, what is the best way to stop the most erosion? Explain.

Go on the Level 2. This time, you can also change the soil type- sand, silt, or a mixture of sand/silt. What is the best combination to keep the soil from eroding the hill? Draw a **detailed diagram** on the back and explain in words and labels.