

*Superposition Movie*

Video Superposition taken, edited, and compiled by Matthew John Brewer at IslandWood 2003-2004.

[Scene 1]

Teacher: Who can tell me what happened eleven-hundred years ago, one-thousand on hundred years ago?

Students: An earthquake! The earthquake

Teacher: The earthquake happened right. And what did it do to the land?

Student: Uhhh, it made a space. It made this one going up and this one going down.

Teacher: And what do we call that?

Student: Superposition!

Teacher: What does superposition mean?

Student: It's like when the older rock is on the bottom and the younger rock is on the top.

Teacher: Okay.

[Scene 2]

Student: Okay, superposition is when the younger rock is on the bottom and older rock is on the bottom, man!

[Scene 3]

Student: So, this is an earthquake fault, and under that white tarp, right there, there is some glacier rocks... like rocks that were brought by glaciers, and uhh, on the bottom and on top of that there is a rock that is called bedrock in the Puget Sound. And so, normally the position bedrock is on the bottom and the glacier rock is on top... [almost inaudible because of background noise]... but what happened was that there was an earthquake, and that pushed up the bedrock and dumped it on top of the glacier rock, so they can tell that this is where an earthquake is. And it raised the ground up a lot.

[Scene 4]

Student: The earthquake shifted the rock so that old rock was on the top and new rock was on the bottom.

[Scene 5]

Student: Superposition is when the older rock is on the bottom and the younger rock is on the top. But then, an earthquake fault switched it, and uhh...but it pushed the [audible second student]...but then the younger on the bottom and the older rock the top in certain places... because it pushed the rock up [same audible student as above].