REACH THE WORLD
Bringing the World into Classrooms

Name: _____
Class: _____
Date: _____

Glacial Goo: *Science Experiment*

Purpose: To understand how ice moves and flows. How does gravity drive ice flow?

Make Glacier Goo!

Materials	Instructions
• Elmer's white glue	In a bowl, mix 1⁄2 cup of elmer's glue and 1⁄2 cup of water.
• Baking Soda	Mix one teaspoon of baking soda in the glue solution.
• Saline solution	Slowly pour and mix saline solution until a solid white goo forms. If the goo remains sticky, add more saline to achieve desired consistency. Materials for Glacier Goo activity
• Water	
• One bowl	

Glacier Goo activity

Materials	Procedure
• 1 piece of flat cardboard or stiff mat board	Cover the piece of cardboard/mat board with plastic wrap.
• Erasable marker	Roll the glacier goo into a ball and place it in the middle of the wrapped mat. Do not flatten the goo.
• Glacier Goo	Using the erasable marker, quickly draw a circle around the rolled glacier goo.
• Plastic wrap	Hypothesize whether you believe the glacier goo will extend beyond the drawn circle.
• 1 piece of flat cardboard or stiff mat board	Allow the goo to relax for a few minutes and return to check for results. Determine if the goo flattened and extended outside of the circle. Did the results support your hypothesis?