ECHO LAKE AQUARIUM AND SCIENCE CENTER
LEAHY CENTER FOR LAKE CHAMPLAIN
ECHOVERMONT.ORG
TOLL FREE 1-877-ECHOFUN
BURLINGTON WATERFRONT

ROCK AND ROLL GEOLOGY

3rd – 6th Grade
60 Minute Program

Vermont Standard	Grade Expectations	Inquiry Skills and Content
7.1	S.1 - 2	Ask scientific questions and make predictions about what occurred geologically in the Lake Champlain Basin over time.
7.15	S.47	Explore concepts of plate movement, glaciers, ice age and the change over time of both landforms and water in this region.

ACTION
Students will…

1. Through demonstration and storytelling, learn the Abenaki legend of Gluskabe and the forming of the Lake Champlain Basin.
2. Review images in a PowerPoint slide show and manipulate props that illustrate geologic concepts of plate movements.
3. Dig into "time capsules" holding artifacts and images that reveal clues to five significant time periods in the geologic evolution of the Lake Champlain Basin.
4. Through discussion, clarify geologic processes (ice, plate movement, volcanoes, weathering) and how they helped shape the region today.
5. Reinforce the concepts of slow yet constant changes in geology.

ECHO COMPANION PROGRAMS
Consider matching this program with…

- Rocks Rock 3-6
- Climate Conundrum 5-8
- Voices for the Lake 5-8
- Weather Watchers 3-6

All ECHO Teacher's Choice programs are combined with an ECHO Trek – a tool for exploring exhibits, considering questions and discussing ideas.