

Geology



LabPaqs for Physical and Historical Geology contain traditional lab experiments uniquely designed to mirror those performed on college campuses around the world.

- Geology LabPaqs are widely adopted for *online and on-campus* courses and are used with fully accredited courses by *hundreds of college and high school students* each year.
- Geology LabPaqs come *complete* with a full color lab manual on CD and contain all required science equipment and supplies to perform the experiments such as relief maps, scales, hand lens, and good sized *rock, mineral, and fossil specimens*.
- Over 30 *academically aligned experiments* and exercises complement and reinforce traditional *Physical and Historical Geology* curricula and learning objectives.
- Geology lab manuals include a *self directed Geology field trip* exercise with detailed instruction for effectively planning, executing, and documenting the field trip.
- Geology LabPaq experiments are very *well-designed*. They were initially developed by distinguished online Earth Science Professors Trina Riegel, MS and Peter Jeschofnig, PhD, and labs are continuously improved through collaboration with the extensive Hands-On Labs' academic community.
- LabPaqs are *SAFE, fully insured*, and have a 15-year, 100% safety record.
- LabPaq *Answer Keys* and *Grading Rubrics* are available.
- LabPaqs are developed and produced by an *educator-owned company* with a sincere commitment to foster excellence in online as well as on-campus science education.
- LabPaqs are assembled to exacting quality control standards.



EXPERIMENT NAME	LABPAQ NAME		
	GK-1	GK-2	GK-W
COAL, OIL, AND GAS		●	●
CRYSTAL GROWING AND THE ROCK CYCLE	●		●
DENSITY AND THE EARTH'S INTERIOR	●		
DINOSAURS		●	
EARTHQUAKES AND VOLCANOES	●		●
EVOLUTION		●	
GEOLOGIC MAPS		●	
ICE AND GLACIERS	●		
IGNEOUS ROCK IDENTIFICATION	●		●
INVERTEBRATE FOSSIL IDENTIFICATION		●	
LIFE THROUGH TIME		●	
LUNAR STRATIGRAPHY		●	
LUNAR STRATIGRAPHY: IMPACT STRUCTURES AND METEORITES			●
MAPPING A MAGNETIC FIELD			●
MASS WASTING	●		
METAMORPHIC ROCK IDENTIFICATION	●		●
MINERALOGY & IDENTIFICATION	●		●
NUMERIC GEOLOGY		●	
PAST CLIMATES AND TECTONICS		●	
PLATE TECTONICS 1	●		●
PLATE TECTONICS 2	●		●
POROSITY AND PERMEABILITY	●		●
SEAWATER AND FRESHWATER	●		●
SEDIMENTARY ROCK FORMATION		●	●
SEDIMENTARY ROCK IDENTIFICATION	●	●	●
SHARK TEETH		●	
STRESS AND DEFORMATION	●		●
THE FOSSILIZATION PROCESS		●	
THE LARGE SCALE		●	
THE SMALL SCALE		●	
WEATHERING	●		●
Number of Experiments:	15	15	16

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