

SCHEDULE of TENTATIVE LAB TOPICS & ACTIVITIES: GEOL-8T; SPR 2008.

(All Activities are in lab manual, or will be handed out in class).

<u>Week</u>	<u>Date</u>	<u>Topic</u>	<u>Activities</u>
1	Jan 30	Scientific Inquiry Observing the Sky	Mystery Box Moon Balls Seeing Stars
2	Feb 6	Mineral Properties	Exploring Mineral Properties Toothpaste / Cleavage Mineral Identification
3	Feb 13	Mineral Resources Igneous Rocks	Introducing Rocks Classifying Rocks Igneous Rocks Gallery Walk
4	Feb 20	Weathering	Mechanical and Chemical Weathering Sedimentary Rock Imagery Carla Calcite
Exam #1			
5	Feb 27	Sedimentary Rocks Metamorphic Rocks	Sedimentary Gallery Walk Metamorphic Gallery Walk
6	Mar 5	Sand Fluvial Processes	Sand Activity River Cutters
7	Mar 12	Earth's Interior Plate Tectonics	What's Inside the Earth Seismic Waves: A Tool to Peer Inside the Earth Plate Tectonic Machines
8	Mar 19	Geologic Activity at Plate Tectonic Boundaries	Earthquake Patterns Volcanoes Where and Why?
9	Mar 27	Volcanic Hazards	Long Valley Analysis
Exam #2			
Spring Break	Apr 2	(Campus Closed)	
10	Apr 9	Geologic Time	Relative Time Deep Time
11	Apr 16	Ocean Processes	Beaches Ocean Currents
12	Apr 23	Fluid Circulation	Density Currents Convection
13	Apr 30	Earth-Sun Relationship and the Atmosphere	Solar Heating Exploring Global Winds, Part I
14	May 7	Weather Basics	Global Air Movements Exploring Global Winds, Part II Understanding Fronts Weather Data/Weather Prediction
15	May 14	Energy Transfers and Hurricane Generation	Water Cycle Hurricanes

Exam #3

IMPORTANT NOTE: the 3rd lab test will be held during the last regular lab meeting. There is no additional exam during final exam week.