Seeing the Moon: A Series of Inquiry Activities Using Light to Investigate the Moon. C. Shupla[1], S. Shipp[2], C. Runyon[3], and A. Treiman[4], [1]Lunar and Planetary Institute (3600 Bay Area Boulevard, Houston, TX 77062, shupla@lpi.usra.edu), [2]Lunar and Planetary Institute (3600 Bay Area Boulevard, Houston, TX 77062, shipp@lpi.usra.edu), [2]College of Charleston (Lowcountry Hall of Science and Math, 66 George Street , Charleston, SC 29424, RunyonC@cofc.edu) ,[4]Lunar and Planetary Institute (3600 Bay Area Boulevard, Houston, TX 77062, shipp@lpi.usra.edu).

Seeing the Moon: Using Light to Investigate the Moon is a series of educational activity modules created for the *Moon Mineralogy Mapper* instrument aboard the Chandrayaan-1. In these modules, classroom students investigate light and the geologic history of the Moon. Through the hands-on inquiry based activities, 5th to 8th grade students experiment with light and color, collect and analyze authentic data from rock samples using an ALTA reflectance spectrometer, map the rock types of the Moon, and develop theories of the Moon's history.

This poster will describe the activities and share the location of the modules. This poster will also share information on the availability of loaner kits which including rock samples and sets of the ALTA reflectance spectrometer.