LPSunMoonIntro

Objectives:
Chapter 21: Students will "explain how technology and scientific inquiry have helped us learn about the universe" (MEGOSE, p134).
Today's: Students will "describe and explain common observations of the day and night sky" (MEGOSE, p133).

Materials (Originals attached):
-Sun-Moon Data Collection Project Instruction Handout
-Data Table for above
-Handout showing pictures of the different moon phases
-24 hour clock worksheet

Activities:
1. Students will be introduced to an observation project which will cover the next 30 days. During the Sun-Moon project, students will record the following every 3 days for 30 days: Moon rise and set, moon phase, and sun rise and set. After 30 days, they will plot the moon rise and set and sun rise and set on a bimodal line graph. They will also construct a pictograph illustrating the moon phases for the 30 days. Time data that they collect will be based on the 24 hour clock (military time). Sources that they may consult include the newspaper, local news, almanacs, etc.
2. Students will work to complete the 24 hour clock worksheet. This worksheet is used to familiarize the students with the 24-hour clock (military time; i.e. 3 p.m. = 1500).

Notes: