Unit 2 Schedule

"Hey, Marcy! When did we start getting the '24 Hour Moon Phase Channel?'"

September 15 -Day 1: Moon Phases
Moon Phases Lab

September 17 - Day 2: Motions of the Moon: Eclipses
Eclipses Lab

September 21 - Day 3: NASA and the Lunar Landings
Apollo 13

September 23 – Day 4: Lunar Landings continued
Apollo 13

September 25 – Day 5: Lunar Settlements
Lunar Survival Kit

September 29 – Day 6: Lunar Settlements continued
Lunar Colonies Due/Observe a Lunar Eclipse

October 1 – Day 8: Did we really go to the moon?
Mythbusters

October 5 – Review and Catch-Up
Observation Project Due: Phases of the moon

October 7 – **Unit 2 Test**
Reading Packet 2 Due
Review 2 Due

Learning Objectives Unit 2:

1. I know what causes the moon phases and how to model those phases.
2. I know what causes both lunar and solar eclipses and how to model them.
3. I understand how eclipses were viewed anciently and how our view of them have changed.
4. I know the history of NASA, specifically details about the moon landings.
5. I know what went wrong and how the fixed the problems on Apollo 13.
6. I can site evidence of man's missions to the moon.
7. I know the current theories of how the moon was formed and evidence supporting them.
8. I understand some of the problems of creating lunar colonies and how to overcome them.

Vocabulary Unit 2:

Maria
Umbra
Penumbra
Revolve
Rotate
Reflection
Regolith
Highland
NASA's LCROSS mission
Apollo, Gemini, Mercury NASA programs
Line of Nodes
Theories of Lunar Formation:
- Collision-Ejection
- Capture
- Co-Creation
- Fissure