**Earth Science : Astronomy Outline**

**Day** **Subject / Activity**

1 Radiation From Space

**LAB : Telescopes**

2 ***(QUIZ - HS-PS4-4) /*** **Assign Universe Presentation Project** : *(HS-ESS1-3)*

The Moon - Earth’s Satellite

3 **LAB : A “Moonth: Of Phases**

**Video : Apollo 13 - *(2 Days)***

4 Exploring Earth’s Moon

**LAB : Impacts Of Cargo Pods On The Moon’s Surface** : *(HS-PS2-3)*

5 ***(QUIZ - HS-PS2-1) /***The Solar System

**LAB : Solar System pHet Simulations** : *(HS-PS2-2)*

6 The Inner Planets

**Video : The Martian - *(2 Days)***

7 The Outer Planets

**LAB : Speeding Around The Sun** : *(HS-ESS1-4)*

8 Other Objects In The Solar System

**Video : Meteor Crater Home Video / Project Work Day**

9 ***(QUIZ - HS-PS2-4) /*** *Presentations* : Nebula, Main Sequence Star

**LAB :**

10 *Presentations* : Red Giant, Supergiant

**LAB :** **How Old Are The Jewels?**

11*Presentations* : Planetary Nebula, Supernova

**LAB : Engineering A Water Rocket (Start)** : *(HS-ETS1-4)*

12*Presentations* : White Dwarf, Black Dwarf

**LAB : Engineering A Water Rocket (Construct)**

13*Presentations* : Black Hole, Neutron Star

**LAB : Engineering A Water Rocket (Test)**

14 ***(QUIZ - HS-ESS1-1) /*** *Presentations* : Spiral Galaxy, Irregular Galaxy

**LAB : How Far Is That Star?** : *(HS-PS4-5)*

15*Presentations* : Elliptical Galaxy, Quasars

**LAB : Stellarium**

16*Presentations* : Dark Matter, Exoplanets

**LAB : Stellarium / *(QUIZ - HS-ESS1-2)***