

# Astronomy Outline

<u>Day</u>	<u>Subject / Activity</u>
1	Radiation From Space / Dark Matter <b>LAB : Lenses, Mirrors, &amp; Telescopes</b> or Color Vision (pHet Simulation)
2	<b>LAB : Engineering A Laser Obstacle Course</b> Early Space Missions / Current & Future Space Missions
3	<b>Assign Space Exploration iMovie</b> <b>LAB : Rocketry</b>
4	The Moon - Earth's Satellite / Exploring Earth's Moon <b>LAB : A "Moonth: Of Phases</b> or Moon Observation Log
5	<b>Video : Mythbusters – Moon Landing Hoax</b> <b>LAB : Impacts Of Cargo Pods</b> or The Moon's Surface
6	The Solar System <b>LAB : Constructing A Foucault Pendulum</b> or My Solar System (pHet Simulation)
7	<b>Assign Natural Satellites PowerPoint</b> The Inner Planets
8	<b>Video : The Martian - (2 Days)</b> or What Are Dimensions Of The Solar System? The Outer Planets
9	<b>LAB : Speeding Around The Sun</b> Other Objects In The Solar System
10	<b>Video : Meteor Crater Home Video</b> or Stellarium : Moon & Planets Exoplanets
11	<b>LAB : Eyes On Exoplanets</b> <b>Video : K-PAX - (2 Days)</b>
12	<b>Assign Theoretical Astronomy Debate</b> Nebula / Main Sequence Star
13	<b>LAB : How Does Star Comp. Determine Classification?</b> Red Giant / Supergiant
14	<b>LAB : How Old Are The Jewels?</b> or Star In A Box Planetary Nebula / Supernova
15	<b>LAB : Engineering A Water Rocket (Start)</b> or Stellarium : Nebulae & Space Objects White Dwarf / Black Dwarf
16	<b>LAB : Engineering A Water Rocket (Construct)</b> Black Hole / Neutron Star
17	<b>LAB : Engineering A Water Rocket (Test)</b> <b>Assign Constellations Mini-Project</b>
18	Spiral Galaxies <b>LAB : How Far Is That Star?</b>
19	Irregular Galaxies <b>LAB : Stellarium : Constellations</b>
20	Elliptical Galaxy <b>LAB : Stellarium</b>
21	Quasars