

Far Out Space Academy Daily Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
<p><u>Planet Tour</u> Students will learn the characteristics of the planets and will construct a solar system model showing the relative distances from the sun.</p> <p><u>Skytour</u> Students will make a planesphere and learn how to find constellations; students will make their own constellation projectors.</p> <p><u>3...2...1...</u> Students will begin the process of building their rockets</p>	<p><u>3...2...1...</u> Students will continue building their rockets</p> <p><u>Sun Detectives</u> Students will learn about radiation through experiments with ultraviolet light and construct a pinhole sun viewer.</p> <p><u>Shoot For The Stars</u> Students will make an edible sun, test their wits with a memory game, create amazing galaxy art, and make a sun magnitude scale to determine a star's brightness.</p>	<p><u>3...2...1...</u> Students will continue building their rockets.</p> <p><u>Blast Off</u> Students will explore Newton's Third Law by creating balloon rockets and stomp rockets; they will measure the altitude of their stomp rockets by using an altitude tracker and calculator.</p>	<p><u>3...2...1...</u> Students will continue building their rockets.</p> <p><u>Hopping Hovercraft</u> Students will continue their exploration of forces by examining friction and building a hovercraft.</p> <p><u>To Mars We Go</u> Students will examine and discuss what is necessary to survive on a planetary outpost and evaluate what skills would be most useful for explorers to have; they will design and build a model station.</p>	<p><u>3...2...1...LAUNCH!</u> Students will launch their rockets. Parents/family members are invited to the launch. See instructor for exact time.</p> <p><u>A Visit To The Planetarium</u> Students will experience the night sky in their own planetarium; they will display galaxy art and use their constellation projectors.</p>
<p><u>Comets and Craters</u> Students will learn about comets and other extra-planetary bodies in the solar system. They will explore how size and force of an impacting object affect the size of the crater.</p> <p><u>Lost In Space</u> Students will demonstrate the effects of gravity, experience an astronaut's work day, and take a simulated tour through space.</p>	<p><u>Stopping Forces</u> Students will experiment with different ways to safely keep a craft from crashing into the planet's surface.</p> <p><u>Moon Mania</u> Students will learn about lunar phases and lunar features; students will construct a protective space capsule for their egg-straonauts.</p>	<p><u>Oobleck</u> Students will utilize their senses to investigate an unknown substance; they will design spacecraft to travel on an unknown planet's surface.</p> <p><u>I Wish I May, I Wish I Might</u> Students will build a refracting telescope; they will learn about the Hubble Space Telescope.</p>	<p><u>Rockin' Rovers</u> Students will learn about robotic exploration of other planets and begin building a model nano rover.</p> <p><u>Space Shuttle</u> Students will learn about the four main parts of the space shuttle and will build a model.</p>	<p><u>Deep Space Experiment</u> Students will see the effect gravity has on weight; they will learn how long it takes other planets to revolve around the sun and figure out how long they would be on other planets.</p> <p><u>Blast Off Part 2</u> We will continue our exploration of Newton's Third Law by constructing chemical rockets powered by Alka-Seltzer™; Will also create model aliens and make a story about them.</p>