



Space Camp



For Grades 2nd – 4th
June 3-7 2019

Space Camp is fun, activity oriented camp designed to give students an introduction to astronomy, space and the universe around us. The final activity is a visit to an actual observatory. Space Camp is taught by Kevin Cobble owner of Z-Field Observatory in Princeton.

Monday: The Sun & Moon. What makes the sun shine? Why does the moon have phases? Learn about the two brightest objects in the sky and why they are important. **Activities: See the sun through a telescope! Make your own moon craters! Make a sundial!**

Tuesday: Planets. What are planets? What makes each one different? Can there be life on other planets? If so what would it look like? Learn about the different planets in our solar system and their moons. See what NASA space robots have found. **Activities: Make a Solar System hat. Build your own alien creature. Where does it live? What does it eat?**

Wednesday: Stars. What are stars? Why are there so many? What other things can you see in the sky? Learn how a telescope works and about what mysterious and wonderful things lurk in space. Stars, gas clouds, black holes and galaxies! **Activities: Make a paper tube constellation. Make a model of our Milky Way Galaxy.**

Thursday: Space Travel. What would it be like to be an Astronaut? Learn about space travel from aircraft to rockets and space probes. Learn where NASA has been and where it is going in the future. **Activities: Build a kite and learn about what makes airplanes fly. Build a soda straw rocket and try to reach a planet with it.**

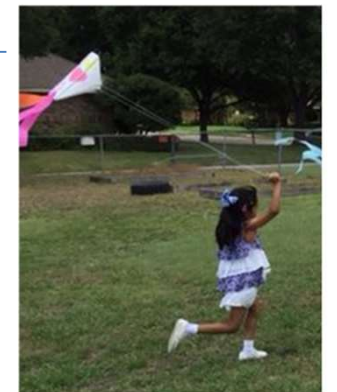
Friday: Field Trip. Visit an observatory and look through a telescope at the stars and planets. You will see planets, stars, star clusters, galaxies and many more.



See the sun through a special solar telescope!

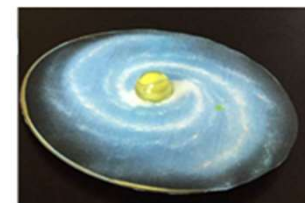


Tell time with the sun!



Make and fly a kite.

Make a model of our Milky Way Galaxy!



Soda Straw Rocket



Make a paper tube constellation.



Make Space Aliens!



Solar System Hat



Make your own moon craters!



Visit an Observatory