

Sky Watchers Camp Daily Itinerary

Campers should bring with them daily: backpack, snack, 16 oz. refillable water bottle. Optional: hat, sunscreen, insect repellent. Camper should arrive at camp already with sunscreen applied. Staff does not apply sunscreen or insect repellent. Insect repellent will only be used when needed.

Monday: Sunny Side Up

The source of all earth's weather comes from the sun's energy. Today we make journals to record the weather all week. We'll record the temperature, wind, clouds, humidity, and air pressure twice a day. A variety of experiments: solar tube, heat hike, solar prints and wavelengths will round out the day.

***Campers shoes may get wet.*

Tuesday: Up, Up, and Away! (Fronts, winds, atmosphere)

The constant movement of air in the atmosphere makes weather always changing. Today we may make barometers, tornados, and anemometers. Various experiments are tried to learn about pressure systems, how temperatures affect air, the three types of fronts, and weather radar.

***Campers should bring two 1-2 liter plastic bottles to make a tornado or tin can with one open end to make a barometer.*

Wednesday: Soggy here, Foggy there

Water is essential for weather and it's found in the atmosphere as water vapor. Clouds are a main focus of today. We will try to create clouds, learn the different kinds and what weather they bring. Other activities include making mini air cannons, navigating in "fog" and revealing rainbows.

***Campers should wear clothes that are okay getting water-based paint or markers on them and shoes that may get wet. They will definitely be colorful after today.*

Thursday: What Goes Up Must Come Down (Storms)

The weather during storms can create incredible amounts of energy. When water vapor condenses it produces rain and when temperatures vary greatly thunderstorms may occur. Today we test our weather safety knowledge, perform a weather broadcast, learn lightning safety tips, create a rain gauge, and try to make it rain.

***Campers should bring an empty 16 oz. plastic bottle for making a rain gauge.*

Friday: Reading the Past, Predicting the Future & Nature Revelations

By studying the weather and observing nature, we can better understand how it changes over time and how it affects all life on Earth. Today we focus on climate, go on a weather folklore scavenger hunt, and meet a Meteorologist who will answer our weather questions and talk about careers in Meteorology.

Activities may change without notice. Cancellations or changes to this camp due to weather will be emailed to the address(es) you listed on the camp health form. If you have questions, concerns or need to speak with your child's camp director or instructor, please call Jenny Sazama 847-276-5382.