

Kids Science Labs Camp Descriptions - Summer 2014 SOUTH LOOP

(All of our camps involve hands-on fun, science takeaways, and **10:1 student teacher ratios**)

| Camp Name  | Weeks                         | Description  |
|--|-------------------------------|--|
| Little Engineers & Creative Design                                 | June 9th                      | Whether it's designing the first epi-pen that doesn't hurt, or learning how to prevent oil spills, our kids are natural engineers and its time they had a challenging camp to spark problem solving and creativity in its purest form.   |
| Rockets, Satellites & Living on Mars                               | June 16 <sup>th</sup>         | This new twist on Space Camp is for those out of space explorers who are always asking about how spaceships work, what is gravity, and how we even find out about other planets when we are sitting here on earth. We even will explore the real technology behind living on Mars in this new camp.  |
| Earthquakes, Volcanoes, and Environmental Science                  | June 23rd                     | Our little scientists will not only learn the science behind these natural disasters, but they will explore the environmental science and engineering involved in preventing and reducing damage from floods, hailstorms, or erupting volcanoes.   |
| Explorer's Camp (Submarines, Undersea, and Outer Space Adventures) | June 30 <sup>th</sup> (4-Day) | We know less about what is under the sea than we do about outerspace, so our kids this week will explore both as they build nautical vehicles for exploration, telescopes, periscopes, and other tools for the most adventurous explorer to have on their expeditions  |
| Gadgets, Inventions, & Green Technology                            | July 7th                      | Kids are always creating new things and this camp is for the inventor in all of us. Kids will explore not only product design and manufacturing, but also how to make some of the coolest green tech gadgets on the planet. Whether its innovative irrigation systems or light sabers, this camp will excite and please.   |
| Builder's Paradise (Lego Mini Camp & Designer Camp)                | July 14th                     | Whether you're a lego fanatic or just love making things, our innovators will enjoy building with legos for part of the day and designing real things with real tools for the rest of the day including houses, bridges, backpacks, beds, skyscrapers, trucks and other architectural and civil engineering feats in this camp that makes even the least interested builder experience paradise. |

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| Chemical Reactions, Explosions and Other Mysteries of Science | July 21st                    | Everything seems so easy in the movies and its time our kids learn the science behind big budget explosions. Whether its mixing liquids, foaming reactions, smoke machines, or solving true mysteries of science, kids will love this camp, especially the curious potion master.  |
| Little Doctors II: Gross Anatomy                              | July 28th                    | Kids are curious about how the body works and in this second little doctors series will explore the bodies systems, and the gross anatomy inside, including lungs, veins, kidneys, livers, nerves, and even the gall bladder   |
| Superhero Science   | August 4th                   | Who doesn't love gadgets and special powers, especially the superhero kind that fascinates our kids. We will explore superhero science including flying, grappling hooks, light sabers, utility belts to sticking to walls. This camp is for all the kids who imagine themselves as superheroes and top secret agents like Batman, Wonder Woman, Ironman, and Spiderman. |
| Honey Badgers, Scorpions, and Animals with Attitude           | August 11th                  | Kids are curious about animals, and in this camp, we will explore the science of how scorpions work, snakes bite, honey is made, and some of the more cool animal technology employed by porcupines, hummingbirds, and beavers.  |
| Pyramids, Mummies, and Dinosaurs                              | August 18th                  | Kids think we are old, but we are going to get ancient with them in this series that explores the science that is many centuries old. From learning how we used to make due without computers, cars, and technology, to understanding the science of preservation and how big dinosaur teeth are, kids love our Ancient Science Camp.                                    |
| Wizard Chemistry  | August 25th                  | Kids will explore chemistry that looks to the untrained eye to be caused by magic. From acid & base reactions, to color changes, and states of matter transformations, kids will make observations in this cool class about the everyday chemistry all around us.  |
| How Stuff Works   | Sept 1 <sup>st</sup> (4-Day) | Kids are curious and ask parents how everything works. Your child will love this camp where we take apart household appliances and put them back together as we understand how the cool stuff that we use, actually works. From airbags to x-box design, this camp is cool.  |

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