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FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

2018 Oak Tree Enrichment Camp Themes

Mad Science: Red Hot Robots (6/25-6/29)- Join Mad Science for a week of fun with our marvelous machines- robots! Children will explore the fundamentals of robotics and discover the science of circuits and how robots use sensors to explore things around them. After experimenting with sound-sensing robots, line-tracking robots, amphibious robots, and even robots that can play soccer, campers will be well-equipped to build a working robot to experiment with at home. Children will also build simple circuits, test for conductivity, and discover how switches work as they participate in a variety of hands-on activities and games.

Travel Camp (7/2-7/6 & 8/27-8/31)-Campers will go on a different field trip every day! See our Oak Tree Travel Camp Trip list for specific locations!

Engineering for Kids: Medieval Mayhem (7/9-7/13)- Here ye! Here ye! His Royal Highness King Kelvin bids you join him on a quest to eternal glory! In Medieval Mayhem, students unite together as a noble house and compete against others to build a kingdom worthy of greatness. Joust your way to honor and battle your way to fame in this amazing adventure full of engaging engineering challenges.

Sports Spectacular (7/16-7/20) This week is all about sports! Campers will be introduced to the history and skills of various sports while playing them.

Mad Science: Mad Machines and Jr. Engineers (7/23-7/28)- Whether children enjoy building structure or destroying them, they will be more than satisfied with this summer camp! Mini Mad Science engineers will design and build skyscrapers using simple tools and intricate imaginations. Campers will exercise their ability to work together in order to construct a geodesic dome big enough for all of the campers to fit inside! Children will be given the opportunity to work with pulleys, wedges, screws, and levers, which they will be using to assemble their own catapults, teaching them to understand the science behind simple machines. Children will maneuver sound activated robots around an obstacle course, play robot soccer, and even test line-tracking robots during this weeklong camp full of (robot and children) hands-on excitement

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Bricks 4 Kidz: Galaxy Far Away (7/30-8/3)- Are you a Star Wars™ fan? Join us on an adventurous journey through space! Build the Redstone Rocket to blast through the atmosphere into a realm that is truly out of this world. Travel back in time to build NASA's Gemini Capsule. Each day also includes LEGO® Star Wars™ themed models, group games, challenges and more. Trust your astronaut's building skills to pilot a spacecraft that will bring you back to Earth safely. We'll build motorized models that represent spacecraft from your favorite popular space movie. Come experience this stellar journey to a galaxy far away!

Engineering for Kids: Agent of Change (8/6-8/10)- Superheroes have amazing powers and limitless energy...what about the rest of us? Can we use wind and water to produce electricity? How can we harness power to help others? These questions and more are explored as students team up to create their own lab and investigate energy sources and harnesses power. Be an Agent of Change and learn to capture wind and create light.

Young Engineers: Crazy Magicians (8/13-8/17)- Campers will learn tricks using cards, coins, ropes, paper and other handy items to create illusions that have not been seen before and learn the tricks and science behind it!

Mad Science: Radical Reactions and Detective Science (8/20-8/24)- Mad Science brings awe-inspiring experiments paired with thought-evoking detective work to campers, nurturing their scientific interests and evoking their fascination. Children will learn about chemical reactions as they grow crystals, create sidewalk chalk from scratch, and design chromatography t-shirts to take home. Campers become trained science sleuths as they investigate the role of chemistry at the scene of a crime. We spark curiosity by asking children to make thorough observations while dusting for fingerprints!