



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Nature Inspired* for grades 3-4. This week will be incredibly fun-filled and provide your child with a variety of hands-on, exploratory learning experiences. In order to help you discuss with your child what he or she has seen and done each day, we would like to give you an overview of the camp for this week.

Sincerely,

OSC Summer Camp Staff

Nature Inspired – Peek at the Week

Have you ever wanted super strength like an ant or to fly like a bird? Dive into the world of biomimicry where scientists are taking their cue from nature to create technology like exoskeletons or planes to help us overcome everyday obstacles.

Monday – Nature's Blueprints: After millions of years of adaptations, plants and animals have developed creative ways to survive. Can you be clever enough to camouflage your very own animal? Nature is even inspired by itself! Discover how some predators use mimicry to confound their prey!

Tuesday – Dihydrogen Monoxide: Seventy one percent of the Earth is covered with it and yet there are some properties of water that still amaze. Campers will take the plunge to break the mystery of surface tension and discover how some desert animals drink through their feet! Today we're going to sift through important information about baleen whales. You're krillin' it!

Wednesday –Tierra: Discover the secrets behind the ant's incredible strength and where it comes from. Join today's top biomimetic engineers by building a model solar tree in an activity that is sure to power us all into the future!

Thursday – Airborne: It's a bird! It's a plane! It's a plane that was inspired by a bird! Today, take to the skies for inspiration on creating natural paper like wasps and wings that glide effortlessly through the air.

Friday – What A Relief: Human exoskeletons, inspired by the skeleton of insects, are now within the realm of possibility. Take a look at how biomimetic scientists are turning animal mechanics into futuristic, life-saving machines and put your hard hats on because its disaster relief robots to the rescue!