



Dear Parents,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Survival Science for Grades 7-9*. 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

Survival Science – Peek at the Week

How do scientists and engineers come up with innovative solutions for extreme weather and the global challenges facing humanity? From monster hurricanes and tornados to clean drinking water, what skills do humans need to survive these challenges? What technologies exist and are being developed to protect living things from negative impact from these events? Come explore how we can continue to adapt and thrive in our changing world using modeling software, engineering solutions, and basic survival techniques.

Monday - Survival Situations: The world is changing, which means we need to change with it. We need to be able to make our own safe drinking water and build a shelter to protect us from the elements. Follow us as we begin our journey into the science of survival!

Tuesday - Animal Survival: Campers will explore the most dangerous animals that are native to Florida and learn how their unique adaptations help them survive in the wild. Then, campers will engineer their own devices to catch food.

Wednesday - Power of Nature: Campers will learn all about the power of nature and how we can prepare for survival during extreme weather. We will use modeling software and the Engineering Design Process to explore survival techniques.

Thursday - Field Trip: Campers will embark on a field trip to teach them all about survival science!*

Friday - Using Your Head: Campers will explore the impacts of flooding by modeling its effects on landscapes. Then campers will use what they have learned over the past week to test their survival skills by using a simulation program.

* Field trip locations are subject to change.