



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Science of Angry Birds* for grades 1-2. 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

Science of Angry Birds – Peek at the Week

Having a pig problem? We'll build catapults to bring a pig fort crashing down! Test changes to your catapult to make your projectile fly higher and faster, and finish up the week with a class competition! Angry birds is a registered trademark of 2012 Rovio Entertainment Ltd. Angry Birds.

Monday – Simple Machines: Campers will discover the science of angry birds when they look closely at the methods of the different characters in creating energy and motion. Campers will make pompom Angry Birds and Pigs and learn the different types of simple machines!

Tuesday – Energy: Campers will explore the different forms of energy with Angry Birds! From designing and creating slingshots to exploring projectile motion with a giant classroom parabola, campers will be launched into an energetic day of camp!

Wednesday – Forces: On the third day of camp, campers will learn about the parts that make up a catapult and investigate the forces needed to launch Angry Birds high into the air. While discovering methods to make towers tall and stable, campers will have to pick the best projectiles to bring them down during the Tower Demolition Derby!

Thursday – Newton's Laws: Campers will blast off with rockets exploring how Newton's 3 laws of motion can describe the motion of all objects; on Earth, in space, and in the Angry Birds games. From launching Angry Bird water balloons to stomp rockets at different angles and speeds, campers will have an exciting day!

Friday – Challenges: On this last day of camp, campers will use what they have learned about forces, energy, and motion in several fun Angry Bird challenges. From designing and creating catapults and towers to participating in a life-size Angry Bird challenge in the park, campers will have arrived at the final boss level!