



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Robot Revolution* 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 they have seen and done each day, we would like to give you an overview of the camp for this week.

Sincerely,

OSC Summer Camp Staff

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### **Robot Revolution – Peek at the Week**

*Bring Robots to life! With LEGO Mindstorm and VEX Robotics, we'll learn the basics of robotic design and programming, then put our robots to work performing tasks and solving problems.*

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**Monday – Intro to VEX Robotics:** Have you ever wanted to know how robots can move on their own? Learn what it takes to be a robotics engineer by building your own VEX Robot and make your own code!

**Tuesday – Detour Ahead, Turn Right:** What is Cartography? Road maps have evolved throughout the times, but paper maps can still be helpful. Campers will be able to create a program to drive the VEX robots through a map.

**Wednesday – MindStorm EV3:** Time to explore a new robot! Campers will be building and coding Lego Mindstorms EV3 robots. Teams will also be competing to navigate their robot to collect a cube.

**Thursday – Battle Bot! :** Ever wanted to construct your own Battle Bot or make an App? We will be able to dive deeper into programming by creating an App and explore the creative aspects of robotics engineering.

**Friday – Battle Bot Competition:** Get ready to test everything you have learned this week with building robots and the basics of programming by putting your battle bot up against other robots in the BATTLE BOT ARENA!