



**Elitch Gardens Mad Science  
Day**

**May 19, 2017**



**Partners in Education**

**Be sure to stop by and check out these added educational activities in the park:**

- **Rocky Mountain BEST**

[www.rmbest.org](http://www.rmbest.org)

See and explore a robot built by middle school students for the 2015 Game: Pay Dirt!



- **Front Range BEST**

[www.frbest.org](http://www.frbest.org)

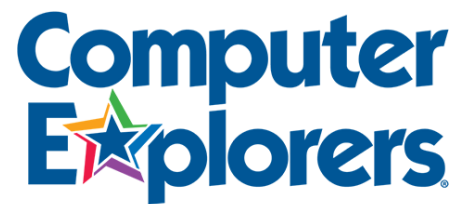
Students have the opportunity to drive a real life ROBOT!



- **Computer Explorers**

[www.ceDenver.com](http://www.ceDenver.com)

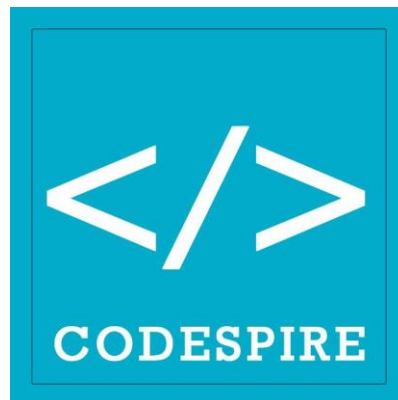
Students will use LEGO Engineering, use apps and play games, robots and augmented reality will also be available for students to experience.



- **CodeSpire**

[www.CodeSpire.org](http://www.CodeSpire.org)

Students will enjoy hands-on coding lab, create apps, games and learn about controlling circuits. Drones and Robots will also be there for students to experience!



- **Mad Science**

<http://www.colorado.madscience.org/>

### **Crazy Che-mystery**

This booth introduces children to chemistry with mysterious mixtures and surprising solutions. They learn that physical changes are different from chemical reactions because chemical reactions create new products. Crystals, colloid suspensions, solutions, and indicators are all part of this fun, information-packed booth.

Experiment with pH, acids, and bases through a series of engaging, inquiry-based experiments and exciting demonstrations! See how chemicals react and learn how catalysts can be used to speed up a reaction!

### **Forces and Motion**

Discover the forces that give us super power while connecting with science and technology in this action-packed enrichment booth from Mad Science! Experiment with the forces that make our universe “tick” as we learn about gravity and inertia, centripetal and centrifugal forces. These concepts -- and more! -- will be presented through hands-on exploration that will bring out the innovator and scientist in you!

### **Robotics**

We will explore circuits, electricity, sensors, gears and electronic circuits. We will also conduct experiments with several different robots and examine their potential uses in the future. What are conductors, insulators and electrons, series and parallel circuits? We will investigate gears and how interconnected parts work together to create motion while also controlling speed and direction.

Lots of working robots on the booth.....Don't miss a chance to experiment!!

