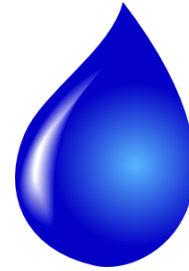


# Innovation is Everywhere!

## Big Learning Science & Engineering: S&E



SCIENCE & ENGINEERING



### **Motion Commotion (Grades K-1)**

**\$95 for 8 weeks**

Learn what makes things move! How does a tightrope walker balance? How well do you smell? How does color move and change through absorption? Make a butterfly fly and paper clips levitate using magnetic power. Race static magic cans and make a hygroscopic fish wiggle in the palm of your hand.

### **Action Attraction (Grades 2-3)**

**\$95 for 8 weeks**

Join the shocking adventure and explore static electricity and magnetism! How do you test if an object has a static charge? Which poles attract, which repel? Discover the science behind water and gravity using a spinning turbine and mix colors using capillary action. Make a static testing electroscope, slimy magnetic goo, and experiment with mini submarines!

### **Invisibilia! (Grades 4-5)**

**\$95 for 8 weeks**

Discover the science behind invisible forces! Observe a magnetic field using iron filings, make an electroscope to test static charge, and use solar panels to make a buzzer buzz. Connect conductive copper to make a colorful piece of LED light art! It will be a bright adventure while you learn about solar and wind energy, fossil fuels, and magnetism!

### **Building Big and Small (Grades 2-4)**

*Engineering*

**\$95 for 8 weeks**

Build miniature greenhouses and life-size tips! In this hands-on series, children will stretch their understanding of what makes structures strong, learn and apply geometry and measurement concepts, and learn new history, vocabulary, and craft skills.

### **Let's Go: KIBO! (Grades K-1)**

*Robotics*

**\$125 for 8 weeks**

This exciting new offering uses the KIBO robotic system to teach computer coding, logic, and loops. Learn what a robot is and isn't, and what you have to tell KIBO to make it move? How can you command KIBO to make noise, avoid obstacles, shine its light, dance, and then do it all over again? Go all out with our design challenges.

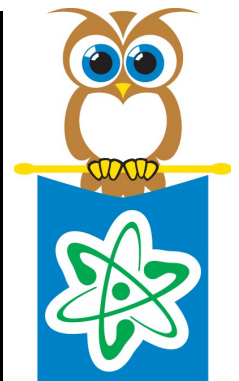
**Fall Session Starts  
September 2016!**

Register and pay online at [www.biglearning.org/science](http://www.biglearning.org/science) before September 5th to get our early bird special of \$5 off for each S&E class!

### **Your school will be offering the following classes:**



Program	Day	Time
Motion Commotion		
Action Attraction		
Invisibilia		
Building Big and Small		
Let's Go: KIBO!		



For more information, please contact your PTA coordinator today!

