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# FIELD TRIP RESOURCE BOXES

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Bring KidsQuest into your classroom for a whole week!

**\$300 per kit**

KidsQuest will deliver a themed resource box full of KidsQuest tools to your school. Use the box for a week and then we will pick it back up. Each box also comes with virtual videos from our educators to talk you through set up, learning objectives, and a wrap-up.

Cleaning instructions for between classroom use provided. KidsQuest will thoroughly sanitize all materials prior to delivery.



**KidsQuest**  
...Children's Museum

## **Amazing Colors** Kindergarten-2nd grade

Experiment with color mixing and learn how to make the colors of the rainbow! Explore primary and secondary colors through the scientific process of testing and retesting. Change the color of water and engage with hands-on activities including spin art, color changing glasses, and translucent tile and light building.

Key Science Topics: Scientific Thinking, Art, Interactive Storytelling  
Key processing skills: Experimentation, Observing, Hypothesizing

## **Forces in Motion** Kindergarten-3rd grade

Get building on KidsQuest engineering walls! Work together to conquer raceways challenges and explore how gravity and acceleration affect the motion of the balls.

Key Science Topics: Engineering, Motion, Force  
Key Processing Skills: Engineering skills, Observing, Cause and Effect

### **Wind Power** Kindergarten– 3rd grade

Conduct experiments to test how different materials float and fly using the KidsQuest wind tubes!  
Then design and construct flying contraptions that float in the air and land safely on the ground.

Key Science Topics: Physical Science, Drag and Lift

Key Processing Skills: Engineering, Observing, Compare and Contrast

### **Super Cars** Kindergarten-5th grade

Put your problem solving skills to the test as you design, build, and test cars that move using the force of air or gravity. Engineer new technologies and practice the scientific method as you explore how materials and weight affect the forces.

Key Science Topics: Force and Motion, Logic and Reasoning

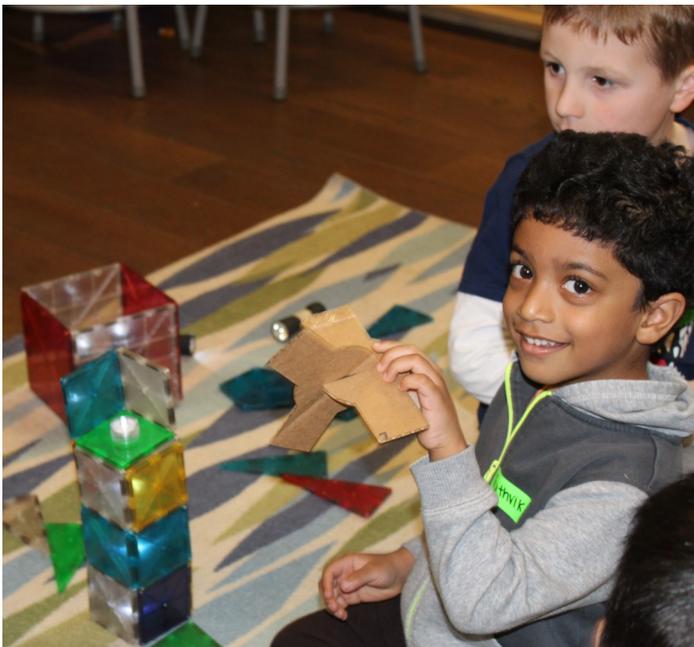
Key Processing Skills: Measuring, Observing, Compare and Contrast

### **Hydraulics** 2nd-5th grade

Put on your engineering hat and get ready to use hydraulics to move things. We will discuss how hydraulics are used in the world and then design structures that move with the power of water.

Key Science Topics: Motion , Engineering, Force

Key Processing Skills: Engineering, Observing, Cause and Effect



Contact KidsQuest Children's Museum today to reserve your  
Resource Box!

Email: [education@kidsquestmuseum.org](mailto:education@kidsquestmuseum.org)