

Guided STEAM Program

Explore KidsQuest Children's Museum and participate in a hands-on activity! Enhance your visit with 20 minutes of hands-on STEAM exploration. Activities are led by a trained member of KidsQuest's Education Team.

\$200 per class

Field trip duration is 1.5 hours. Activities take approximately 20 minutes to complete. 25 children max per class. 1 free adult required for every 7 children. \$5 per additional chaperone.

Call 425.637.8100 or visit kidsquestmuseum.org (click on the Programs tab) to request a date. We will contact you to complete your registration. Reservations must be made at least two weeks prior to your visit.

All programs and exhibits support the Common Core Standards and Next Generation Science Standards. Please let your activity leader know if you have specific concepts you want highlighted to better reflect your classroom curriculum.

KidsQuest
...Children's Museum



Preschool to Kindergarten

Color Mixing

Use scientific tools like pipettes and spot plates to concoct your own color creations! Experiment to see what new hues you can discover or try your hand at matching all the colors on the color wheel.

Key Components: Science | Art

Key Skills: Experimentation | Observing | Hypothesizing



Wind Tubes

Test your engineering skills as we explore aerodynamics using the KidsQuest wind tubes! Experiment with simple contraptions that fly, spin, or float in midair.



Key Components: Science | Engineering

Key Skills: Thinking | Observing | Comparing

Fish Prints

Explore a modern twist on the traditional art of Gyotaku - Japanese Fish Prints! Paint life-like fish replicas in any design your imagination can dream up. Then, create a texture-rich masterpiece to take home!

Key Components: Science | Art

Key Skills: Sensorimotor | Scientific Thinking | Artistic Expression



Let it Roll

We will put our engineering hats on as we begin to discover how gravity has an effect on how things move. Students will build and test their own designs on our marble walls using various materials.

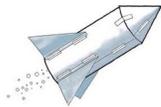
Key Components: Engineering | Gravity
Key Skills: Experimentation | Observing | Teamwork



Elementary

Chemical Reaction Rockets

Find out how small changes can create big chemical reactions! We'll test substances and make our own chemical reactions. These reactions will create a force so great it will lift a rocket into the air!



Key Components: Science
Key Skills: Scientific Thinking | Observing | Hypothesizing

Wind Tubes

Test your engineering skills as we explore aerodynamics using the KidsQuest wind tubes! Experiment with simple contraptions that fly, spin, or float in midair.

Key Components: Science | Engineering
Key Skills: Scientific Thinking | Observing | Problem Solving



Clay Techniques

Pinch, coil and mold clay with your fingers to create small pots in different shapes and sizes. Use your hands and a minimum of tools to bring together function and artistry.



Key Components: Art
Key Skills: Sensorimotor | Artistic Expression | Scientific Thinking

Vibration and Motion

Use a simple circuit to power a motor that vibrates. Then use the vibration to create something that moves! It's circuitry and forces all rolled into one!

Key Components: Science | Engineering
Key Skills: Scientific Thinking | Hypothesizing | Problem Solving



Engineering Force with Hydraulics

Students will be using the concept of hydraulics to engineer moving structures. We will discuss how hydraulics are used in the world and then design structures that will move with the power of hydraulics. We will also get creative as we use these designs to create something new!



Key Components: Engineering | Motion | Force
Key Skills: Engineering | Observing | Cause and Effect