

Project Overview

Through the Children's Exhibit Design Team, Catalyst is making an interactive slingshot game for middle school students to learn about catalysts in chemistry. Catalyst is working with CISTAR to create a fun learning experience to get students interested in science and chemistry.

The Need

The game consists of a slingshot ball launcher, a catalyst wall, and buttons. When the catalyst button is pushed, the wall is lowered, lowering the energy needed to get the ball over the wall. There will also be additional educational materials including a poster and video further describing a catalyst.

Plans

With the grant, we are looking to purchase the necessary materials to create a final product. These materials include electrical components, the balls, and the acrylic box.