PETROLEUM MUSEUM
MIDLAND, TEXAS

# STEM in Action

# Squeaky Clean Magnets Challenge

Students explore the power of magnets and use them to make, test, and redesign a way to clean fish tanks without putting their hands into water. By using critical thinking, communication, and collaboration to design a solution for cleaning fish tanks, students prepare for essential skills of the 21st century. Students work through the Engineering Design Process – to learn the value of rethinking and supporting multiple solutions. STEM in Action® modules are the easy-to-implement PreK-5 solution for integrating science, math, literacy, and engineering skills into real-world problems. These modules focus on the Engineering Design Practice which is a critical component of NGSS, state standards, and national initiatives. The cost for this trunk is $25 for a week based on availability. All supplies needed for the lessons are provided in the trunk.