PETROLEUM MUSEUM
MIDLAND, TEXAS

STEM in Action

Sunny Sandbox Exploration

Students explore the warming effects of the sun and engineering. By using critical thinking, communication, and collaboration to design and build a covering to block the sun, 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.