



STEM in Action

Food Deserts

Challenge

Students explore their own dietary needs and how to grow fresh produce without soil. By using critical thinking, communication, and collaboration to design systems for growing fresh produce, 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.