

Pam and Ava's Mapping Adventure

STEM Kit Number 26

Grade PreK

Description Students explore shapes and position as they are challenged to help Pam and Ava plan a new bike path. By using critical thinking, communication, and collaboration to plan a bike path, 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 materials are teacher friendly and all come in an easy-to-store box.

Kit Contains

4 Activity Cards and a Teacher Quick Start Card
4 class sets of home connection blackline masters
Pam & Ava's Story Poster
Stuffed toy raccoon
Owl finger puppet
My View Landform Basin
ManipuLite® shapes
Vinyl map with contour lines overlay
Food coloring, wax marking pencil
ManipuLite red rods
Vinyl stickers
Transparency map

