Muddy Mats

STEM Kit Number 29

Grade 1-2

Subject Physical Science

Description Students explore the properties of materials while designing an absorbent, no-slip mat to protect the house from muddy paws. By using critical thinking, communication, and collaboration to design a no-slip mat, 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.

Kit Contains

Student Activity Books (6)
Teacher Guide with blackline masters
Pre-cut mat materials: terry cloth, felt, corduroy, plastic, craft foam, shelf liner
Carpet pieces
Plastic trays, cups, and spoons
Food coloring and plastic droppers
Plastic coins
Napkins and paper towels
Tablespoons