



MORE STEM FUN WITH MAGNOLIA MUDD

It doesn't take fancy equipment to invent something amazing. Here are some fun science and engineering activities you can do with everyday items.

1. Make your own Mudd-Mazing Troll Trap: use uncooked spaghetti and mini marshmallows to create a trap that can hold a gummy bear, sour patch kid, or small toy figurine.
2. “Airbrush” stencils, anyone? You can't paint with a leaf blower like Magnolia, but you can put air power to work. Make a design on paper by covering areas with masking tape. Mix a few drops of liquid watercolor in plain water. Use a plastic stry to blow the paint onto the paper. When it's dry, remove the tape.
3. Get a grip! Robotic hands like the ones on Magnolia's Fantastic Frisbee Flinger are complex devices! Explore more by creating your own with paper, straws, tape and yarn.
 - First, trace your hand onto paper and cut it out.
 - Next, cut plastic straws into short lengths. Tape 3 to each finger and two to the thumb, leaving space for “knuckles” between them.
 - Tape a piece of a wide “smoothie” straw to the palm of the hand.
 - Put a different colored piece of yarn through the straws on each finger, taping it at the fingertip and then threading it through the large straw.
 - Pull the strings to move the fingers!

