

YARMOUTH COMMUNITY SERVICES

Tuesday/Thursday STEM Challenge Air Powered Car!

Materials

Cardboard
Wooden Skewers (3)
Plastic Straws (2)
Construction Paper or Card Stock
Plastic Bottle Caps (4)
Tape
Scissors

Description

Tape the straws to the cardboard and make sure they are parallel. Cut the ends of the straws so they hang over the cardboard slightly. Cut holes in the center of each bottle cap. Feed the skewers through the straws and a bottle cap on the end of the skewer. Trim the end of the skewer. Poke a hole in the middle of the cardboard and insert the third skewer for the mast. Secure the mast with tape. Cut out a shape for the sail from the construction paper and poke the skewer through both ends. Time to test your car! Use a fan to provide wind to power your car!