



# STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

## BAKING SODA POWERED BOAT



**For this challenge/activity you will need:**

- Styrofoam egg carton or meat tray
- Vinegar
- Baking Soda
- Scissors
- Straws
- Small plastic lid (one from a drink bottle)
- Tub or pool of water

**Directions:**

- **Start by cutting a large pentagonal shape (similar to home plate) from the styrofoam.**
- **Tape the plastic lid on the back (flat side) of the styrofoam. Make sure it is secure.**
- **Tape two short pieces of straw so that they in the lid pointing to the back of the boat.**
- **Fill the lid with baking soda.**
- **Place the boat into a tub of water.**
- **Carefully pour vinegar into the lid and watch what happens.**



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