

# TRANSPORTATION

## STEM Discovery Toolkit

Can you get to where you are going? Fly among the clouds, take a dive to the depths of the ocean and rise through the air with our modern day take on transportation.

### Lessons Included:

- Bobsleds
- Hot Air Balloons
- Submarines
- Hovercrafts

### Life Skills Objectives:

Youth will gain critical thinking and problem solving skills by engaging in hands-on experiential learning experiences.

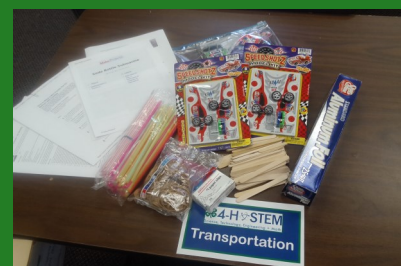
### Learning Science Through Inquiry:

Students will explore air density and observe what happens when gas heats up causing molecules to move faster and further apart, use hydrodynamics: the study of liquids in motion to test the buoyancy of an object, and examine friction as an object moves across different surfaces.

To request a STEM Discovery Toolkit fill out the [Check Out Request Form](#)

### What's Inside?

- ⇒ Straws
- ⇒ Popsicle Sticks
- ⇒ Wooden Dowels
- ⇒ Additional Supplies



For more information about STEM opportunities from UW-Extension, or to request a STEM Discovery Toolkit, contact Annie Lisowski, 4-H & Youth Development Educator, 608-685-6256 or email [annie.lisowski@wisc.edu](mailto:annie.lisowski@wisc.edu)