



# JUNK DRAWER ROBOTICS

## STEM Discovery Toolkit

Help! Our junk drawer is overflowing! Take on the challenge of turning everyday household items into an engineered masterpiece! Design robots, cars, and more!

### Lessons Included:

- Slip N Slide
- Arm in Arm
- Rolling Along

### 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 use math to discuss geometric shapes, engineer a robot out of everyday, household “junk”, and discuss how forces of friction act upon an object and the effects on momentum.

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

### What's Inside?

- ⇒ “Junk”
- ⇒ Tools
- ⇒ Wire
- ⇒ 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)