



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@ces.uwex.edu