

# NEWTON'S CAR



STEAM (Science, Technology, Engineering, Art, and Math) for kids

**Students build a Self Propelled Car!** The car is built from natural materials that can be found anywhere – even the dollar store! While having fun building, the students experience a hands on lesson in the application of curriculum material. This fun project allows the kids to create a self propelled car using air pressure and Newton's third law of motion! *HOW COOL IS THAT?*

## CONCEPTS INCLUDE:

- Wheel
- Axle
- Friction
- Newton's 3rd law of motion
- Thrust
- Drag
- And more...

## 21<sup>ST</sup> CENTURY LEARNING:

- Critical Thinking
- Communication
- Creativity
- Collaboration

## DEVELOPING SKILLS:

- Problem Solving
- Fine motor
- Text to world connections

2-HOUR WORKSHOP APPROPRIATE  
FOR GRADES 3 AND UP