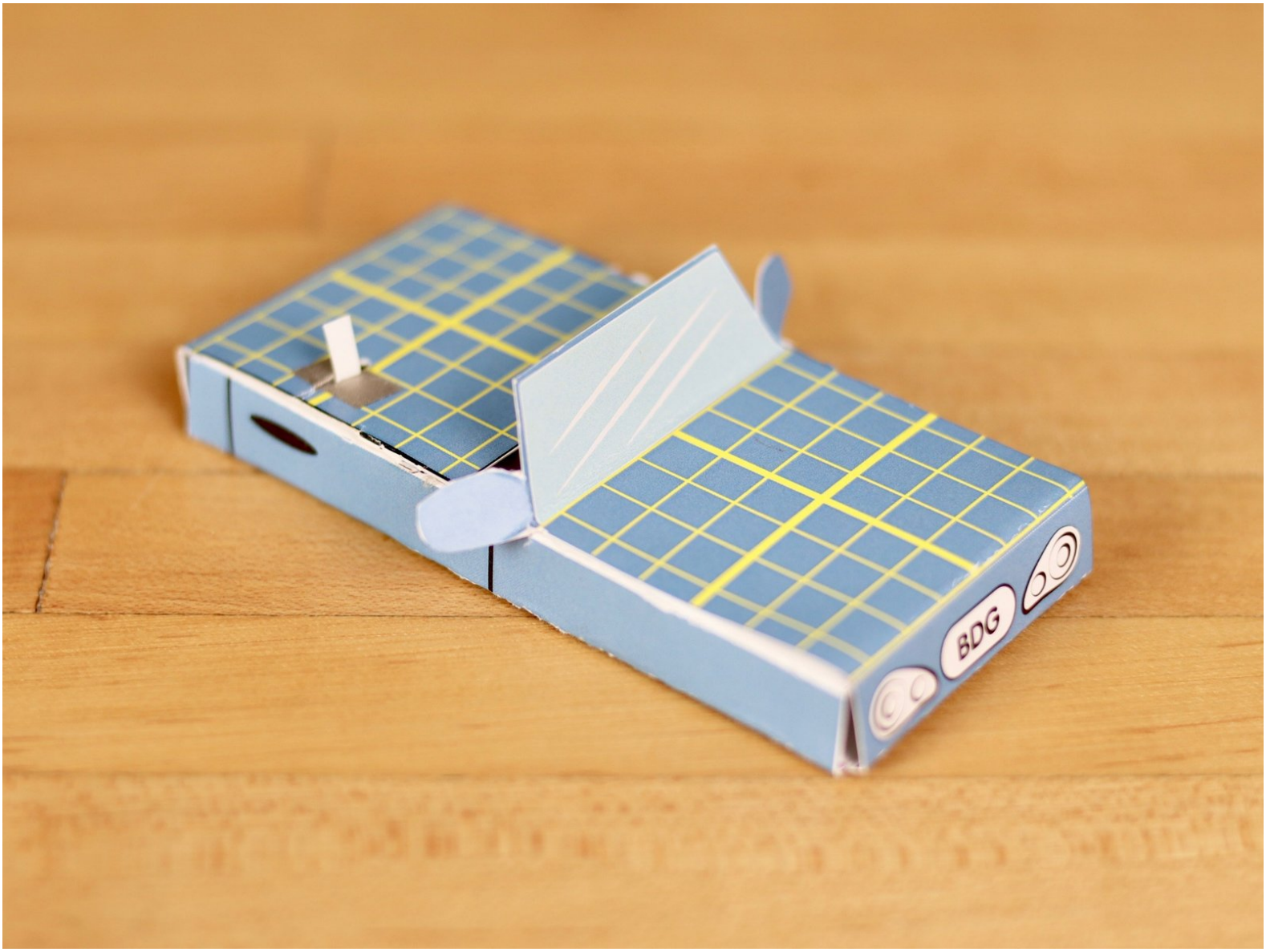
Test-A-Rossa Vehicle with Lesson Plan Activity

Create this simple paper vehicle that uses a vibrating motor to move. Use it to test the effects of wheel surface area, friction and center of mass.

Written By: Andy Wallus



INTRODUCTION

Create this simple paper vehicle that uses a vibrating motor to move. Use it to test the effects of wheel surface area, friction and center of mass.

TOOLS:

- Scissors (1)
- Ruler (1)

PARTS:

- Maker Tape (1)
  1/4" Wide
- Self-Sticking Vibrating Motor (1)
- CR2032 Battery (1)
- Printable Assembly Diagrams (1)
- Printable Student Data Sheet (1)
- Printable Lesson Plan (1)
- Timer (1)
- Calculator (1)
- Pennies (1)
- Clear Tape (1)
- assorted coins, buttons, legos (4 of each type) (1)

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Your child/student will have used circuitry to create a simple, testable vehicle. They will have also tested three separate variables that can impact its' performance.

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