

**LESSON 12**

**Record Sheet 12-A**

Names: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

**What Happens If . . .**

Look at your propeller-driven vehicle. Pick three or more of the following questions to test. Test them in any order you choose. Try to move your vehicle after each change you make. Record your observations in the space provided. Remember to return the vehicle to its standard form after each question.

**What happens if . . .**

- . . . you wind the propeller 30 times quickly? What happens if you wind it 30 times slowly? How does the vehicle move each time?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- . . . you wind the propeller clockwise 30 times? What happens if you wind it counterclockwise 30 times? How does the vehicle move each time?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- . . . you turn the vehicle around so the propeller is on the back of the vehicle?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- . . . you change the position of the rubber band so it is attached at an angle?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- . . . you add tires to the propeller-driven vehicle?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_