All Pumped Up by Bill Nye

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Momentum

1. What happens to momentum when speed is increased?
2. What do all moving things have?
3. What happens to momentum when two objects collide?
4. What is the equation for momentum?
5. If something is not in motion does it have momentum?
6. What creates momentum?
7. Which one of Newton’s Laws applies to the balloon assembly?
8. Which one of Newton’s Laws does the fly versus the RV demonstrate?
9. Which one will have the greater acceleration the fly or the RV?
10. Is momentum the same for every object? Explain
11. Is momentum constant?