

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

# EXPLORE EGG DROP

## VOCABULARY STUDY GUIDE

1. **Vessel** - A container for holding something
2. **Prototype** - The initial, full-scale design created to serve a purpose
3. **Gravity** - A fundamental, physical force that draws objects together
4. **Vacuum** - Space entirely void of matter
5. **Velocity** - Distance per time with direction
6. **Gravitational Acceleration** -  $9.81 \text{ m/s}^2$  constant rate at which gravity pulls objects towards Earth
7. **Newton's Second Law of Motion** - An object acted on by a force will accelerate in the direction of the force
8. **Force** - A push or a pull
9. **Brainstorming** - A problem-solving technique that involves the spontaneous contribution of ideas from all members of the group
10. **Pros** - The positive (good) features
11. **Cons** - The negative (bad) features