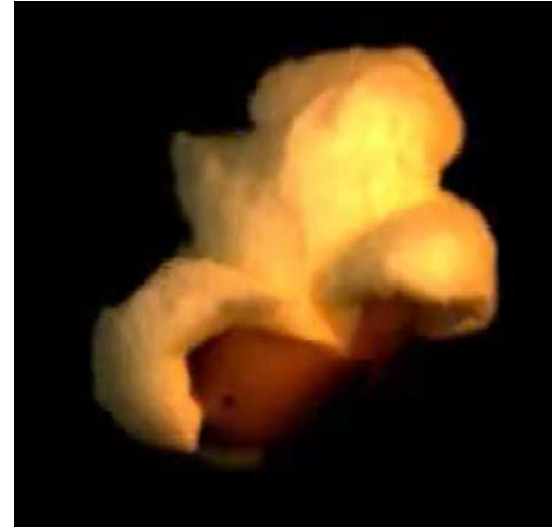


Slow-Motion Popcorn

Name _____ Date _____

Directions: Write your responses on this sheet or on separate paper.

1. Why do you think scientists made this video?



2. Which of Newton's laws of motion help explain the movement of a kernel of corn that pops?

3. Moisture and heat are necessary to pop a popcorn kernel. When the moisture inside gets too hot, the kernel pops. Where do you think the moisture comes from?

4. When does the popcorn kernel have *potential energy*, and when does it have *kinetic energy*?

5. What other natural events could you study using slow-motion video, and why?