

**April 5 Vocabulary and Blitz Activity**

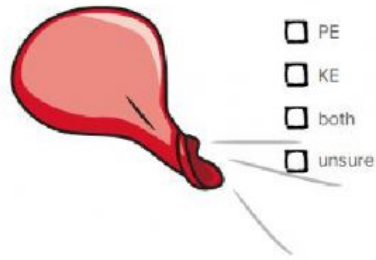
Word	Definition	Example Sentence	Picture
potential energy			
kinetic energy			
elastic potential energy			
gravitational potential energy			
mechanical energy			

### Interpreting Illustrations

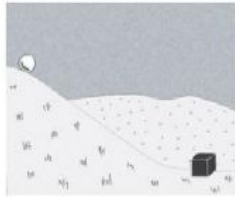
Check the appropriate box next to each image. KE stands for **kinetic energy**. PE stands for **potential energy**. Don't hesitate to check the "unsure" box. Not knowing the answer right away is a GOOD thing in science class!



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure



- ☐ PE
- ☐ KE
- ☐ both
- ☐ unsure

• Energy transformations are taking place here.

1. Where does the energy transform from potential to kinetic?

2. Where does the energy transform from kinetic to potential?

3. What happens if you just let the pendulum swing for a while?

4. What happened to the energy?

5. What do you notice about the total amount of energy while the pendulum swings?

