Activity 1.2 Potential and Kinetic Energy

Introduction

Have you ever heard the saying "What goes up must come down"? As objects are moved up above the ground, they gain **potential energy,** or stored energy. When the object begins moving, it gains **kinetic energy**, or energy of motion.

In this activity you will describe an application of potential and kinetic energy and describe properties of work and forces as they relate to energy.

Equipment

- Launch Log
- iPad® tablet
- Canvas by Instructure app
- One of the following apps:
    - Monster Physics™ Lite
    - Autodesk® TinkerBox™
    - Autodesk® Digital STEAM Applied Mechanics

Procedure

1. Follow your teacher's instructions on accessing the tablet app related to energy.
2. Answer the conclusion questions as directed by your teacher in the Canvas app or your Launch Log.

Conclusion Questions

1. Tell about an object described in the app with mostly potential energy.

2. Tell about an object described in the app with mostly kinetic energy.

© 2014 Project Lead The Way, Inc.