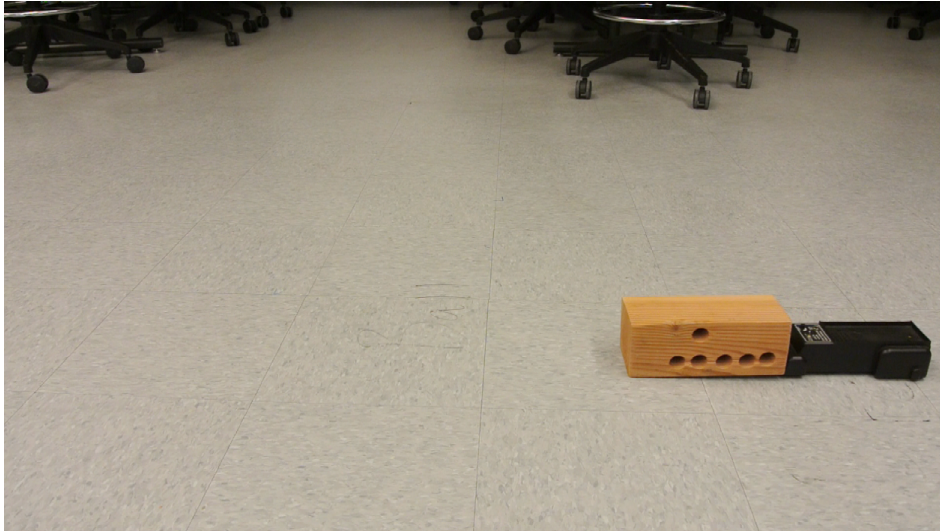


Block Push Probe – Interpretation Guide

Scenario: A battery powered car is pushing a wooden block across the floor as shown below. (Watch the video and answer the following questions.)



1. As the car pushes the block across the floor...

- the car has energy – **Students may recognize that the car has energy because it is moving or because it has batteries.**
- the car does not have energy – **Students may think the energy is in the batteries but not in the car.**

The statement I chose makes sense to me because:

2. As the car pushes the block across the floor...

- the wooden block has energy - **Students may recognize that the wooden block has energy because it is moving.**
- the wooden block does not have energy – **Students may think that the wooden block does not have energy because it is not causing the motion. Alternatively, they may think that the wooden block is not actually moving, it is just being carried along by the car.**

The statement I chose makes sense to me because: