

Quick Activity

DATASHEET FOR IN-TEXT LAB

Newton's First Law

MATERIALS

- index card
- glass
- coin

Procedure

1. Set an index card over a glass. Put a coin on top of the index card.
2. With your thumb and forefinger, quickly flick the card sideways off the glass. Observe what happens to the coin. Does the coin move with the index card?

3. Try again, but this time slowly pull the card sideways and observe what happens to the coin.
4. Use Newton's first law of motion to explain your results.
