Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_

Hands-On Activity: *Inertia*

Materials: Beaker, Coin, Index Card.

Procedure:

1. Place an index card on top of a beaker.
2. Place a coin on top of the index card.
3. “Flick” the index card so that it moves horizontally. *Do not flick upwards.*

*Questions:*

1. What force did the coin have to overcome so that it would not move forward with the index card?

1. What force caused the coin to fall to the bottom of the beaker?

3. In terms of inertia, explain what happens to the coin when the card is flicked.