

Handout #2  
Inertia

1. Go to the Website It Wont Budge and do the activity on this page.

**The materials needed include:**

An index card or playing card

A plastic cup or glass

A penny

2. Continue this activity but try it in different ways. For example you may pull out the card instead of flicking it.
3. Also think of other ways one could do this experiment. Write these down on a piece of paper and share them with your class.

4. Answer the following questions when you are finished with the activity.

What did you need to do to get the penny inside the cup?

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What made the penny go somewhere else than the cup?

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What are some other ways you tried this experiment?

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How do you think this experiment might apply to roller coasters?

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Do you think inertia is important to the laws of physics and motion? Why?

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