

Forces inquiry:

Perform the three inquiry mini labs as instructed below. For each mini lab write in your journal your observations and hypothesis as to why you observed what you did. We will revisit these mini labs during lecture on chapter 12.

Mini lab 1:

1. place a playing card on top of a beaker.
2. place a penny on top and in the center of the card
3. flick the card off the beaker horizontally

Mini lab 2:

1. place a beaker half full with water on a piece of wax paper on the lab table
2. pull the piece of paper quickly toward you and slightly down, being sure to have a pillow at the base of the lab station
3. repeat steps 1 and 2 but with different amounts of water and compare

Mini lab 3:

1. spin egg labeled A on a lab table
2. while still spinning briefly touch to stop the egg from spinning
3. once you have stopped the egg, immediately stop touching the egg
4. repeat procedures 1-3 with the egg labeled B
5. compare