



## Partner Science Lab – What's Your Shape?

**0507.12.2** Demonstrate how the shape of an object affects how it falls toward the earth

List the procedure and materials in your Science Journal.

Materials:

Sheet of notebook paper

Book

Balls – different sizes and weights

Pencil

Other items (unbreakable)

Timer or stopwatch

Sturdy chair

Procedure:

1. One partner stands on the chair and drops the first item. The other partner immediately starts the stopwatch and then records how long it took the item to hit the floor.
2. Follow the same process with each item, being sure they are dropped from the same height.
3. Discuss with your partner which items dropped faster and why. What forces were at work on the items?

Write the results in your Science Journal, also sketching a picture.