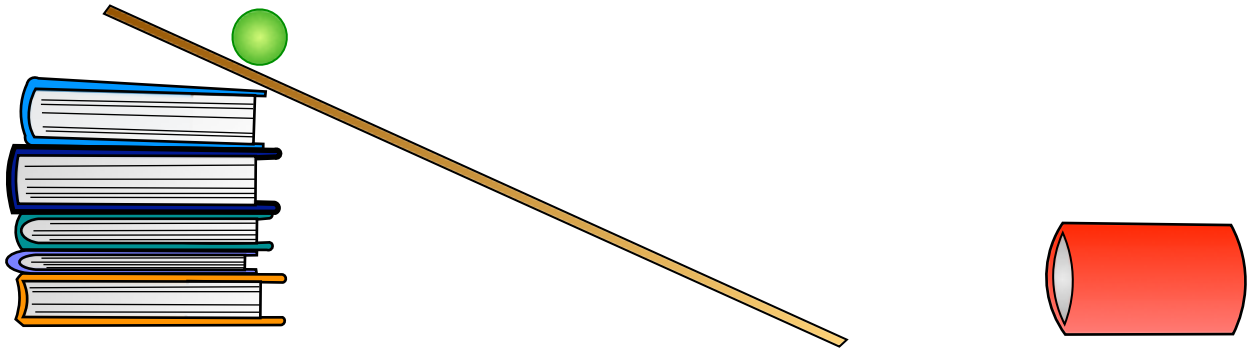


Balls and Ramps



Goal: Design and build a ramp or series of ramps that will deliver a rolling object into a container

You might use:

- Cardboard boxes and tubes, blocks, books, marbles, pencils, various balls, cans, bowls, baskets

What to do:

- Decide what type of ramp you will build. Will it have more than one part? What materials do you need to build your ramp?
- Collect objects to roll down your ramp and a container for the objects to roll into.
- Design and build your ramp. Experiment with the ramp's height and slope and alter the ramp as needed so an object rolled down the ramp will land in the container.

Other things to try:

- Test the ramp with other rolling objects. What differences do you notice? Make adjustments, as needed, so the objects you roll down the ramp will land in the container.
- Build a series of ramps with tunnels and jumps.
- Build an obstacle course for a rolling object to travel through.

