

Name: _____

Friction Lab

Friction is a force that slows down or stops the motion of two surfaces contacting each other.

What You Need:

Small type balls.

A large piece of cardboard.

A small sand or grass hill outdoors.

(If outdoors isn't available, use a towel on a slanted surface –try with and without the towel)



What To Do:

Predict whether the object will travel faster down the hill with or without the cardboard.

Put the smaller ball on the hill and give it a gentle push.

Put the cardboard on the hill and the ball on the cardboard. Give it a gentle push. *(If you have a timer, time how long it takes for the ball to reach the bottom.)*

Record and report your findings.