Which Surface Slows a Slide?

Kindergarten-Grade 2 | Physical science | Adult-guided test | Color

Learner: _____ Date: _____

A grown-up makes a low ramp with a book and stiff board. Slide the same block over smooth paper and a folded towel. Keep the ramp low and away from stairs.

1 **MAKE A LOW RAMP**

2 **MARK THE START**

3 **ADD SMOOTH PAPER**

4 **SLIDE THE BLOCK**

5 **TRY A FOLDED TOWEL**

6 **COMPARE THE DISTANCE**

Grown-up check: The block will usually travel farther on the smoother paper and stop sooner on the towel because the rougher surface creates more friction. Results vary with ramp height and materials. Use the same block and start point.

More free resources: resources.richnerds.co.site | Personalized academic support: richnerds.co.site

@richnerdstutoring | Personal/classroom use. Share the original PDF. Not for resale.