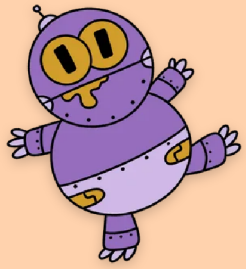
SCIENCE · FORCES AND MOTION · GRADES 3–5

Friction Test

Slide a block down a ramp onto four surfaces, measure how far it goes and find the most friction.



Name: _____ **Date:** _____

Friction is a force that slows things down when two surfaces rub together. **Set it up:** lean a book to make a short ramp. Slide a block or toy car down it onto each surface and measure how far it goes.

My hypothesis: the block will slide farthest on _____

Surface	Try 1 (cm)	Try 2 (cm)	Try 3 (cm)
Smooth table			
Carpet			
Sandpaper			
Towel			

Most friction (shortest slide) _____ **Least friction (longest slide)** _____

Conclusion: when is friction helpful? When is it a problem?

_____

_____

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