Does Ramp Height Change Distance?

Kindergarten-Grade 2 | Physical science | Adult-guided test | Ink-Saver B&W

Learner: _____ Date: _____

A grown-up makes a low ramp with a board and books. Roll the same toy car from the same start line. Keep the ramp low and away from stairs.

1 **MAKE A LOW RAMP**

2 **MARK THE START**

3 **ROLL THE CAR**

4 **MARK WHERE IT STOPS**

5 **ADD ONE BOOK**

6 **ROLL AND COMPARE**

Grown-up check: The car will often travel farther from the higher ramp because it begins with more gravitational potential energy. Results vary with the car, surface, and release. Change only the ramp height and do not push the car.

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