Product Code . JL-PI-630

Newtons First Law Inertia Kit JLab

Description

Newtons First Law: Inertia Kit

- An object that is not being subject to a force will continue to move at a constant speed in a straight line
- Friction is a force that causes changes in the speed of an objects motion
- Scientific explanations emphasize evidence, have logically consistent arguments, and use scientific principles, models, and theories

Using the specially designed track, students investigate inertia by observing a marbles motion.

They observe a marble in motion around a circular track then predict what path it will follow when a section of the track is removed, allowing the marble to roll unconstrained across the table top.

They discover that once the marble leaves the confines of the track, it moves in a straight line path.

Students also investigate how changing the mass of the marble affects the motion of the marble on the track.

In Part 2 they complete a reading about inertia and Newton’s first law of motion.

Contents List

- 1 Teachers Guide
- 1 Color perception cards
- 1 EOV Data Chart #44
- 1 ESP Data Chart #44
- 25 ESP symbol cards

- 2 Precise dice