



Forces & Motion

90-minute Program * Grade 1
Science Standards: 1.P.1

EXPERIMENT WITH NEWTON'S LAWS OF MOTION!

Spin, bounce, slide, balance, and roll—the actions of toys and scientific tools encourages students to investigate the science of movement.

PROGRAM ACTIVITIES INCLUDE:

MOVE IT!

Explore the contents of a “mystery movement bag” to discover the different ways objects can move.

SPINNING TOPS

Investigate Newton’s First Law using spinning tops and encounter the force that opposes movement.

A-MAZING CHALLENGE

Construct a downhill maze and make predictions before testing how objects move through it.

BALLOON ROCKETS

Utilize the law of “action/reaction” to propel a “balloon racer” across the room, while exploring Newton’s Third Law.

BALANCING ACT

Use toys and other tools to discover how the position of an object’s center of gravity affects its ability to balance.

THE PARROT

Build and experiment with a simple folk toy to observe forces and motion in action.

Call 910.798.4362 for fees and to schedule your field trip program today.



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