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Product Name :
Pulley Demonstration Set

Product Code :
SCHOOL-APL800019



Description :

Pulley Demonstration Set

Technical Specification :

Stands 32 inches high with a 7.8 inch wide base for sturdy display.

Easy to use, designed for students learning the basics of mechanical advantage with pulley applications.

Right-angled clamps support horizontal rod on which pulleys hang.

Collars with hooks can be inserted onto rod to support pulleys.

Capstan fitted onto one end of the sturdy metal base; hook for attaching pulley at other end.

A highly versatile apparatus for the demonstration of various concepts associated with pulleys and their configurations.

Demonstrate multiple configurations simultaneously or concentrate on one topic.

Built to last for years in the classroom with a sturdy metal base and quality-made steel rods.

The variety of included pulleys and accessories make it the ideal pulley demonstration tool.

Demonstrate a variety of physics concepts – beginner to advanced.

Demonstrate mechanical and force differences between a single pulley and double pulley, determining the work/energy of a pulley system, or interface with computer sensors (not included) to perform similar activities.

Pulleys – (8) single, (2) triple tandem, (2) quadruple

Wooden base – 81 x 20 cm fitted with 2 sockets, a capstan and an eye hook.

(3) Rods (diameter 12.5 mm and length 81 cm)

(8) Collars with hook

(3) Right angled clamps

(1) Wheel & axle

Cord – 4 roll

(1) Tommy bar for tightening vertical rods

Slotted brass mass set (2x10g, 2x20g, 2x50g, 4x100g, 4x200g, 1x500g)

Brass weight hangers set (5x50g, 1x20g, 1x10g)

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