

Product Code . JL-PI-723

Pulleys In Motion Kit JLab



Description

Pulleys In Motion Kit

- This kit is designed to teach the mechanical principles of pulleys to a whole class.
- The set contains:

18 single sheave pulleys

12 double-sheave pulleys

12 triple sheave pulleys

6 spring scales (500 g, 50 N)

1 roll of twine

20 pulley chain links

1 Pulleys in Motion teacher's guide

- The 32-page resource contains background information that gradually introduces students to fundamental pulley concepts, as well as reproducible student activity sheets and assessment ideas.
- The focus of the Pulleys in Motion Kit is to provide hands-on activities that are easily understood, and provide both intellectual and practical experience for the students.
- Because these activities are hands-on, students get a real feel for the forces at work.
- For example, they will feel the difference between a single and a multiple pulley system when they use the two systems to lift the same load.

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- Covers concepts of work, power, mass and more.
 - Measurements are approximate.
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