

**FOSS Levers and Pulleys Module
Glossary Terms
2005 Edition**

Teacher Guide Terms

Investigation 1: Levers

Advantage
Effort
Fulcrum
Lever
Lever arm
Load
Newton
Two-coordinate graph

Investigation 2: More Leverage

Class-1 lever
Class-2 lever
Class-3 lever
Diagram

Investigation 3: Pulleys

Directional advantage
Fixed pulley
Mechanical advantage
Movable pulley
Pulley
Simple machine

Investigation 4: Pulleys at Work

None

Science Stories Terms

Investigation 1: Levers

Advantage
Axis
Class-1 lever
Complex machine
Counterweight
Double lever
Effort
Equal-arm balance
Force
Fulcrum
Inclined plane
Lever
Lever arm
Load
Mechanical advantage
Newton
Pulley
Resistance
Screw
Simple machine
Wedge
Wheel and axle
Windlass

Investigation 2: More Leverage

Bellows
Catapult
Class-2 lever
Class-3 lever
Slope

Investigation 3: Pulleys

Block and tackle
Compound pulley
Fixed pulley
Movable pulley
Sheave

Investigation 4: Pulleys at Work

Chain hoist
Hydraulic
Jackscrew
Piston
Thread
Winch