

Physical Science - Chapter 4 Study Guide

Vocabulary

- simple machines
- lever
- pulley
- inclined plane
- screw
- wheel and axle
- wedge
- friction
- spring scale

Concepts to Understand

- What work is and how it can be applied to objects
- How simple machines change the amount of force or the direction of force needed to do work
- Describe how friction affects the amount of force needed to do work
- Compare the measures of different forces needed to move an object
- Describe how a spring scale works
- Identify and describe simple machines in common tools and household items

Resources for Studying

- Vocabulary Flashcards
- Worksheets from class
- Videos on classroom website
- Textbook pages 133-171
- Plan for studying
 - Weekend - create flashcards and study them. Look over worksheets. Reread text and watch videos on website
 - Monday - Answer questions for concepts above.
 - Tuesday - Choose areas you were not as confident in yesterday and study those.
 - Wednesday - Review all materials and answer questions above again.