

Lesson Plan

Incredible Inclined Planes

Book: *Inclined Planes All Around*

Series: Using Simple Machines

Level: Pioneer

Objective

To help students fill in the blanks with vocabulary words, using details from a text.

Supplies

- *Inclined Planes All Around* book
- Incredible Inclined Planes worksheet (attached)

Before the Activity

Print out the Incredible Inclined Planes worksheet for each student. Then, read *Inclined Planes All Around* out loud to the class, or assign it to students to read on their own.

Activity

Pass out the Incredible Inclined Planes worksheets. Explain that *Inclined Planes All Around* has many facts about inclined planes. Students should write a vocabulary word in each blank to make the statement correct. If students need help, they can look back at the book.

Evaluation

Collect the worksheets at the end of class. Use the attached answer key to give students 1 point for each correct answer, for a total of up to 7 points.

Standards

This lesson may be used to address the Common Core State Standards' reading standards for informational text, grade 2 (RI 2.4).

Incredible Inclined Plane

force	simple machines
gangway	slope
horizontally	steep
loading ramp	

1. A _____ is an inclined plane that helps people get into a boat.
2. Inclined planes are one of the six _____.
3. Inclined planes make items move vertically and _____ at the same time.
4. An inclined plane has a _____. That means one end is higher than the other.
5. Less _____ is needed to move objects when using an inclined plane.
6. Things move down an inclined plane quickly when the slope is _____.
7. A moving truck has a _____ to help people get boxes into the truck.

Incredible Inclined Plane **ANSWER KEY**

force	simple machines
gangway	slope
horizontally	steep
loading ramp	

1. A gangway is an inclined plane that helps people get into a boat.
2. Inclined planes are one of the six simple machines.
3. Inclined planes make items move vertically and horizontally at the same time.
4. An inclined plane has a slope. That means one end is higher than the other.
5. Less force is needed to move objects when using an inclined plane.
6. Things move down an inclined plane quickly when the slope is steep.
7. A moving truck has a loading ramp to help people get boxes into the truck.