

# Inclined Planes



Name:

Date:

Write three sentences to describe the difference between the two pictures.



Use some of these words:

- |           |         |
|-----------|---------|
| direction | machine |
| distance  | more    |
| force     | move    |
| less      | ramp    |

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Read your sentences.

# Inclined Planes



Science in My World

Name:

Date:

Write in the correct words. Use these words:

playground

skateboard ramp

wheelchair access

people

ski jump

walkway ramp



Read the words you wrote.

# Inclined Planes

Name:

Date:



Draw pictures showing inclined planes that are used for fun.

*Inclined Planes  
Used for Fun*

# Inclined Planes



Science in My World

Concept: Inclined planes make work easier.

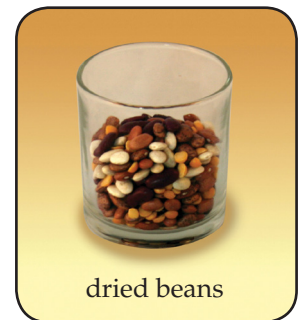
## What You Need:

- a stack of books
- two rubber bands
- a small plastic bag
- a cup of dried beans



## What You Do:

- Put the beans into the plastic bag.
- Close the top of the bag with one rubber band.
- Cut the other band into a strip and tie one end to the band on the bag.
- Stack the books and lean one book against them as an inclined plane.
- Put the bag of beans on the table and lift it straight up to the top of the book stack.
- Measure the length of the rubber band strip.
- Put the bag of beans at the bottom of the inclined plane. Use the band strip to pull it to the top.
- Measure the length of the rubber band strip



## What You Should Notice:

The rubber band strip was more stretched when you lifted the bag of beans straight up to the top of the stack.

## Explanation:

Explain why the rubber band strip stretched more when you lifted the bag straight to the top.