

MACHINES AND MOTION

INCLINED PLANES

Bullfrog Books

Ideas for Parents and Teachers

Bullfrog Books let children practice reading informational text at the earliest reading levels. Repetition, familiar words, and photo labels support early readers.

Before Reading

- Discuss the cover photo. What does it tell them?
- Look at the picture glossary together. Read and discuss the words.

Read the Book

- "Walk" through the book and look at the photos. Let the child ask questions. Point out the photo labels.
- Read the book to the child, or have him or her read independently.

After Reading

- Prompt the child to think more. Ask: Inclined planes are everywhere. Where do you see them? What do they help you accomplish?

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For Review Only

Table of Contents

Up and Down 4
Build an Inclined Plane 22
Picture Glossary 23
Index 24
To Learn More 24

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Up and Down



What is an inclined plane?

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One end is higher than the other.

This makes it easy to move things up and down.



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Ty carries a box.



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How will he get it in the truck?

He uses a ramp.

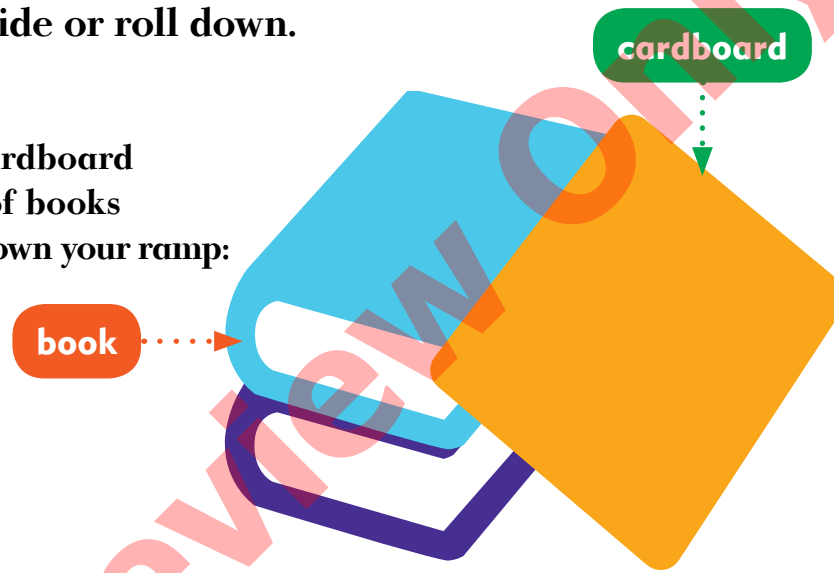
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Build an Inclined Plane

Build your own inclined plane to test out how things slide or roll down.

You will need:

- large piece of cardboard
- blocks or stack of books
- objects to send down your ramp:
  - balls
  - crayons
  - toy cars
  - spoon
  - book



Directions:

1. Make a ramp by propping the piece of cardboard on a stack of blocks or books.
2. Gather some objects to send down your ramp. Guess what will happen to each object before you push it down the ramp. Will it roll? Will it slide? Will it stay in place?
3. Change the height of your ramp by adding or taking away the blocks or books under it. What happens to each object now?

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