

MACHINES AND MOTION

WHEELS AND AXLES

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: Wheels and axles are everywhere. Where do you see them? What do they help you accomplish?

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For Review Only

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Get Moving



What is a wheel and axle?

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The wheel turns.



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The axle keeps the wheel in place.

It stops the wheel from rolling away!

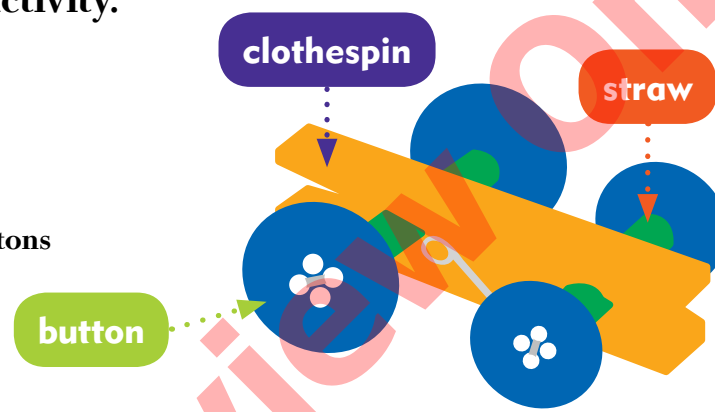
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Build a Wheel and Axle

Wheels and axles help a car move. Build a clothespin car with working wheels and axles. Have an adult help you with this simple activity.

You will need:

- clothespin
- straw
- two twist ties
- four same-sized buttons
- scissors
- glue



Directions:

1. Insert one of the twist ties into a hole in one of the buttons.
2. Thread about an inch of the twist tie through a second hole and back through the other side of the button.
3. Tightly twist the two pieces at the back of the button together.
4. Cut two 1-inch pieces from the straw. Put the twist tie through one of the straw pieces.
5. Thread the open end of the twist tie through the second button, then thread it back through the second hole. Twist it together.
6. Repeat steps one through five for the second pair of buttons.
7. Open the clothespin and place the straw from one set of wheels in the hole of the clothespin opening. Close the clothespin. The twist tie needs to be able to turn freely inside the straw.
8. Add a dot of white glue to the back of the clothespin near the spring.
9. Push the second set of wheels toward the spring into the glue. Wait a minute or two for it to dry.
10. Take your clothespin car for a spin!

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