

Wheels-and-Axles



Name:

Date:

Write three sentences to match the photo.



Use some of these words:

axle

turn

drill

wheel

metal

woman

Read your sentences.

Wheels-and-Axles



Science in My World

Name:

Date:

Write in the correct words. Use these words:

axle

skateboard

skates

wheel

wheelchair



Read the words you wrote.

Wheels-and-Axles

Name:

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Complete the table using ✓ or ✗.

Object	Simple Machine
Screwdriver	_____
Bicycle	_____
Wheelchair	_____
Doorknob	_____
Skateboard	_____
Wind Turbine	_____
Door Key	_____
Car	_____

Wheels-and-Axles

Concept: The wheels-and-axles in simple machines work together.



What You Need:

- a water bottle
- two pieces of string the same length
- two paper clips

What You Do:

- Tie one piece of string to the top of the water bottle.
- Tie the other piece of string to the bottom of the water bottle.
- Tie a paper clip on to the other end of each piece of string.
- Hold the bottle horizontal by each end and turn it.

What You Should Notice:

Both strings wind around the bottle but the paper clip on the widest part of the bottle gets to the bottle first.

Explanation:

Explain why the paper clip at the widest part gets to the bottle first.

