

Wheel and Axle



Concept: The wheel and axle on 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 –

Write your explanation here.

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