



Balloon Car

Lesson: Energy/Motion

Supplies Needed:

Straws

Plastic bottle*

Balloon

Four plastic bottle caps*

Tape

Wooden skewer*

Scissors

**Student brings or Teacher Provides*

Steps:

Cut one of the straws in half.

Tape both pieces of the straw to one side of the water bottle.

Cut the wooden skewer in half and push each piece through one of the straws. These will form your axles. (Teacher needs to help)



Teacher helps use the scissors to poke a "+" shaped hole directly in the center of each plastic bottle cap.

Press each bottle cap onto the ends of the wooden skewers. These will form your wheels.

Tape the neck of the balloon around one end of the other straw. Wrap the tape very tightly so the connection is airtight.

Cut a small hole in the top of the water bottle, just big enough to push the straw through.

Push the free end of the straw through the hole and out the mouth of the bottle.

Use tape to secure the straw to the bottle.

Blow through the straw to inflate the balloon, then put your finger over the tip of the straw to trap the air.

Put the car down on a flat surface and release your finger.