Wheels on the Bus

Ask a grown-up to help you with this activity!

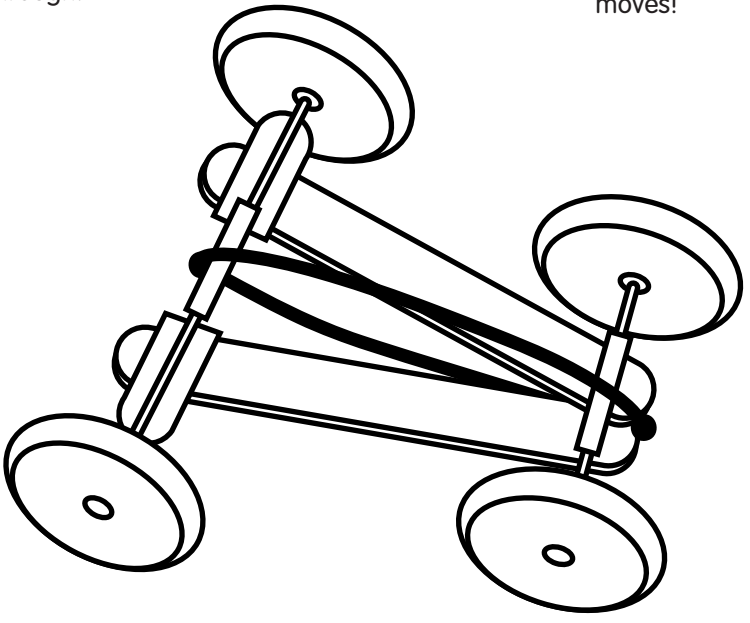
SESAME STREET MECHA BUILDERS

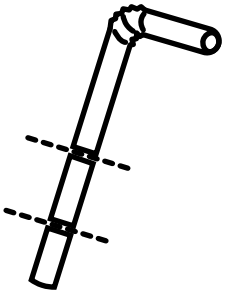
What You Need:

- 1 elastic band
- 1 plastic or disposable straw
- 2 popsicle sticks
- 2 wooden skewers/thin dowels/long toothpicks — that fit inside the straw and turn freely
- 4 round plastic caps (water bottlecaps)
- *Adults: glue (hot glue works best!), a thin nail or paperclip for poking a hole in the plastic cap*

What To Do:

1. Place the two craft sticks in a V shape and glue them together. Don't make the opening of the V too wide.
2. Cut the straw as the picture shows — one piece should be ⅔ of the total straw and then the cut the ⅓ side in half again.
3. Glue one straw on the front end of the car where the craft sticks come together and one on the back end where the opening of the V is.
4. Poke a hole in the center of plastic bottlecaps just big enough for your wooden skewer to go through.
5. Slide one skewer through the straw at the front of the car and one at the back.
6. Push a bottlecap on each end of the skewer to make the wheels. Add glue to keep the wheels in place. Add glue to keep the wheels in place. The skewer and wheels should be able to rotate freely inside the straw.
7. Attach the elastic band around the front of the car, the point of the V shape, and then pull it back and wrap it around the skewer at the back. When you let go, the energy is released and makes the wheels turn. That's how your bus moves!





For more resources visit sesame.org/stem

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