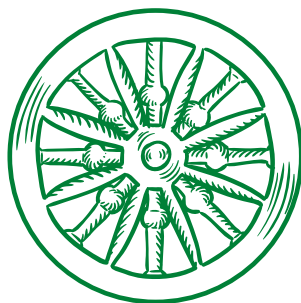




Wheels on a Bus!

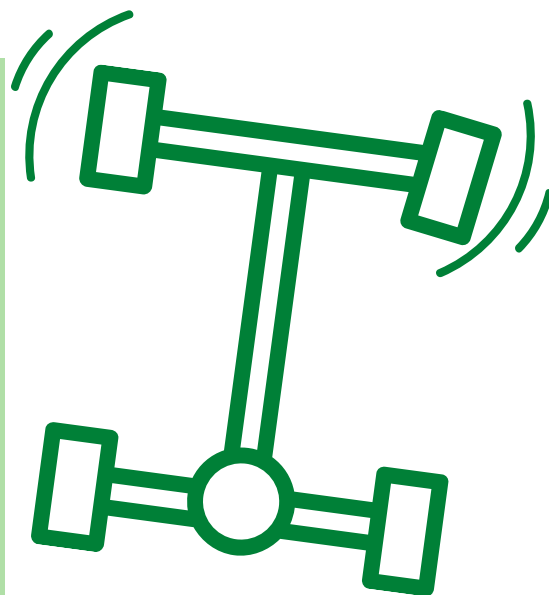


HAVE YOU EVER WONDERED HOW THE WHEEL ON A CAR MOVES?



There are lots of moving parts on a bus, but one of the most common parts is the wheel and axle. The wheel attaches to the end of the axle at the front and rear of the bus. The axle propels the wheels to move forward, backward, or side to side. The wheel and axle help us not only with transportation, but with moving heavy objects.

Buses, like school buses, are very important for many reasons. Not only do buses bring kids to school or to field trips, but they can also bring people to work. Did you know that public transportation can also help save money, is better for the environment and can be safer compared to traveling in a personal car? **Public transportation can save your family money and also help reduce carbon emissions, which helps the environment!**



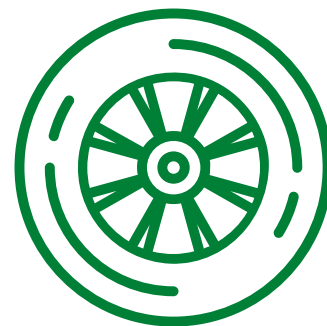
Find Out More:

Check out the American Public Transportation Association Website that has cool public transportation facts!

The Wheels on the Bus STEM Activity on the back of this sheet!



SCAN TO LEARN MORE!



For more activities and information visit RevUpTheFun.org and conservemaineenergy.org



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WHEELS ON A BUS ACTIVITY



Materials:

- Cereal, mac & cheese box, or other cardboard box
- Scissors
- Round canister for wheels (see instructions for a list of ideas for what to use)

Optional:

- Glue
- Paint, ribbon or construction paper to decorate your bus

Instructions:

You may want to glue the flaps on the box closed before starting

1. Trace two half-circles at front and back on the bottom of the box. Cut the half circles out to create the places for the wheels.

2. Time to create the wheels!

Try using empty containers that roll easily to make your wheels. Water bottles, cans, chip containers, or paper towel tubes are all good places to start.

3. Now set your bus on top of your "wheels" so they fit in the cutouts, see if it rolls easily.

4. Now you can decorate your bus.

Try to think of buses you have seen around your town or at school and get rolling!

Keep trying different materials to see which materials are the best for making the bus move smoothly when you push it. You can even mix and match materials if need be.

