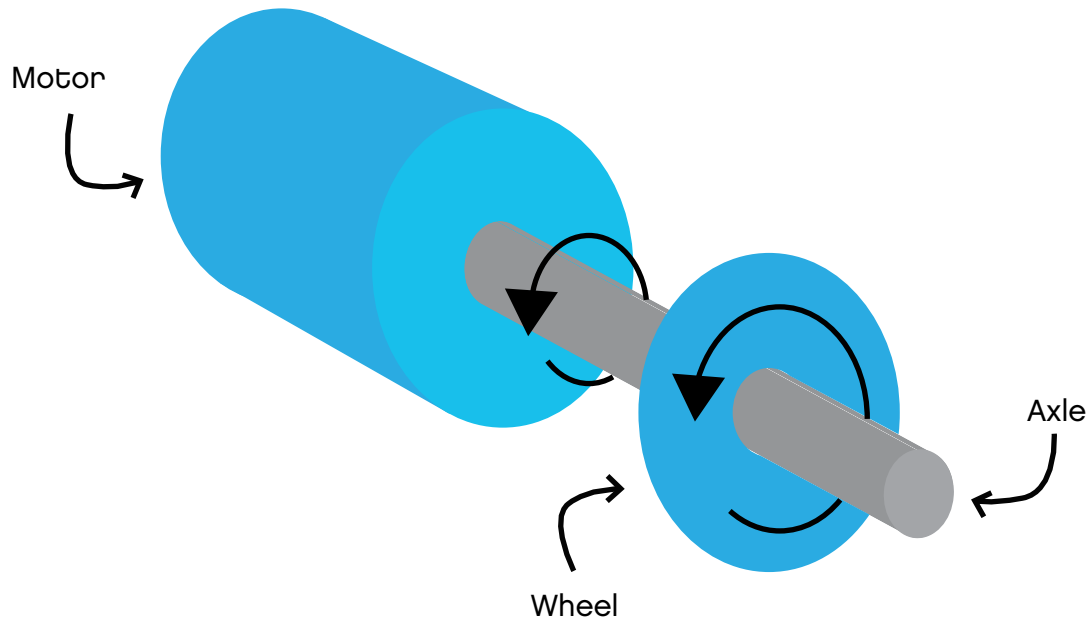


Motor and Axle

What is a Motor and Axle?



A **Motor** is an electro-mechanical device that converts electrical energy into mechanical movement that is circular or rotational.

An **Axle** is a central shaft that is usually attached to a wheel or gear at one end and a motor at the other.

Combining them: When you connect an axle to a motor the mechanical energy of the motor is transferred to the axle. The axle transfers that energy to the wheel or gear attached to it, thus allowing that element to turn.

Where you can find them:

- Cars and most vehicles have motors and axles connecting the wheel on either side.
- Ceiling Fans have motors and an axle that the blades spin on.