

Name: _____

Day 3: Power Source, Switch, & Motor

These parts are going to make your robotic animal come to life. So make sure you know how to use them!

POWER SOURCE - This is responsible for powering the motor. This is like our heart that powers our body.



SWITCH - This is responsible for turning our machine on or off. This is like our brain that tells our body what to do.



MOTOR - This is responsible for making everything move. It is like our muscles.



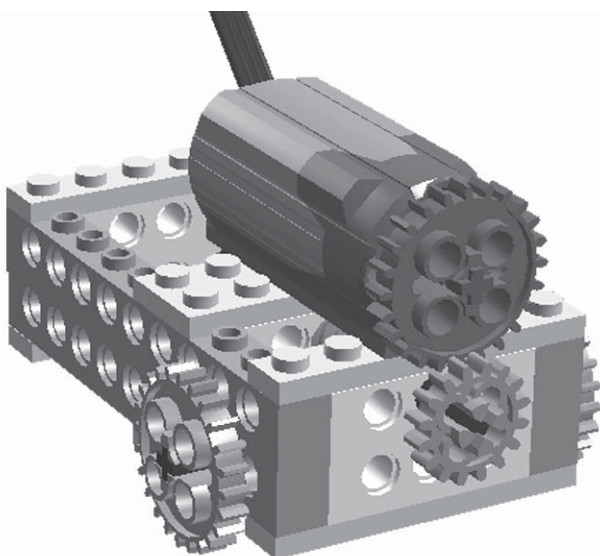
To make everything work, connect the power source to the switch, and then connect the switch to the motor.

Once you have everything connected, turn on the switch and the motor will start to spin. The switch has 3 functions:

OFF - when the switch is positioned in the middle

FORWARD & REVERSE - when the switch is positioned either forward or backward.

This might take some practice to get everything to work correctly, so keep on experimenting if it is not working on your first try!



Once you get the everything working, build a gearbox, connect the motor and watch everything go! There are many different ways to attach the motor to the gearbox. This is one of the most basic ways. Can you figure out a different way to attach the motor?

Help Full Tip: *The motors responsibility is to turn a gear, which turns the other gears, which make the animals legs move. So don't forget to attach a gear to the motor!*