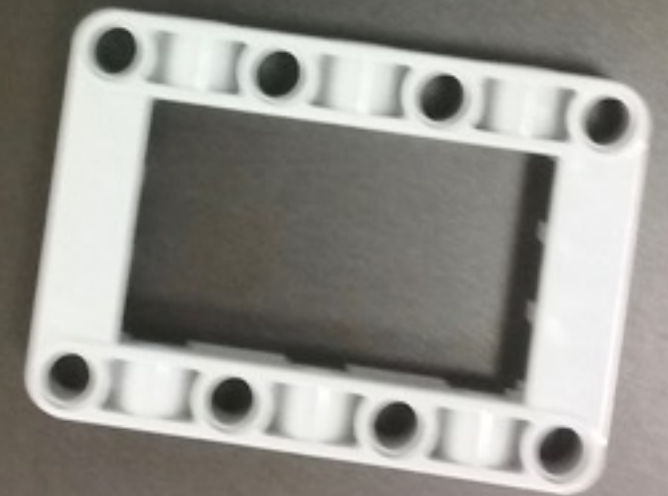
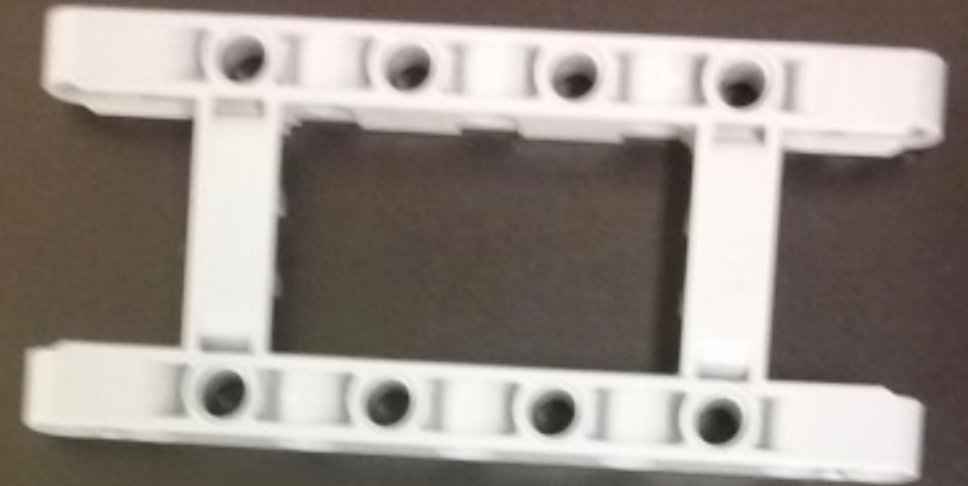




Let's all speak the same language; LEGO SPEAK

Frames

Rectangular parts used to create a more stable build.



Ball caster

A ball mounted within a plastic socket that acts as an omnidirectional wheel, or a wheel that can go in any direction.



Servo Motor

The motor gives motion to your robot and the design makes it easier to create gear trains.



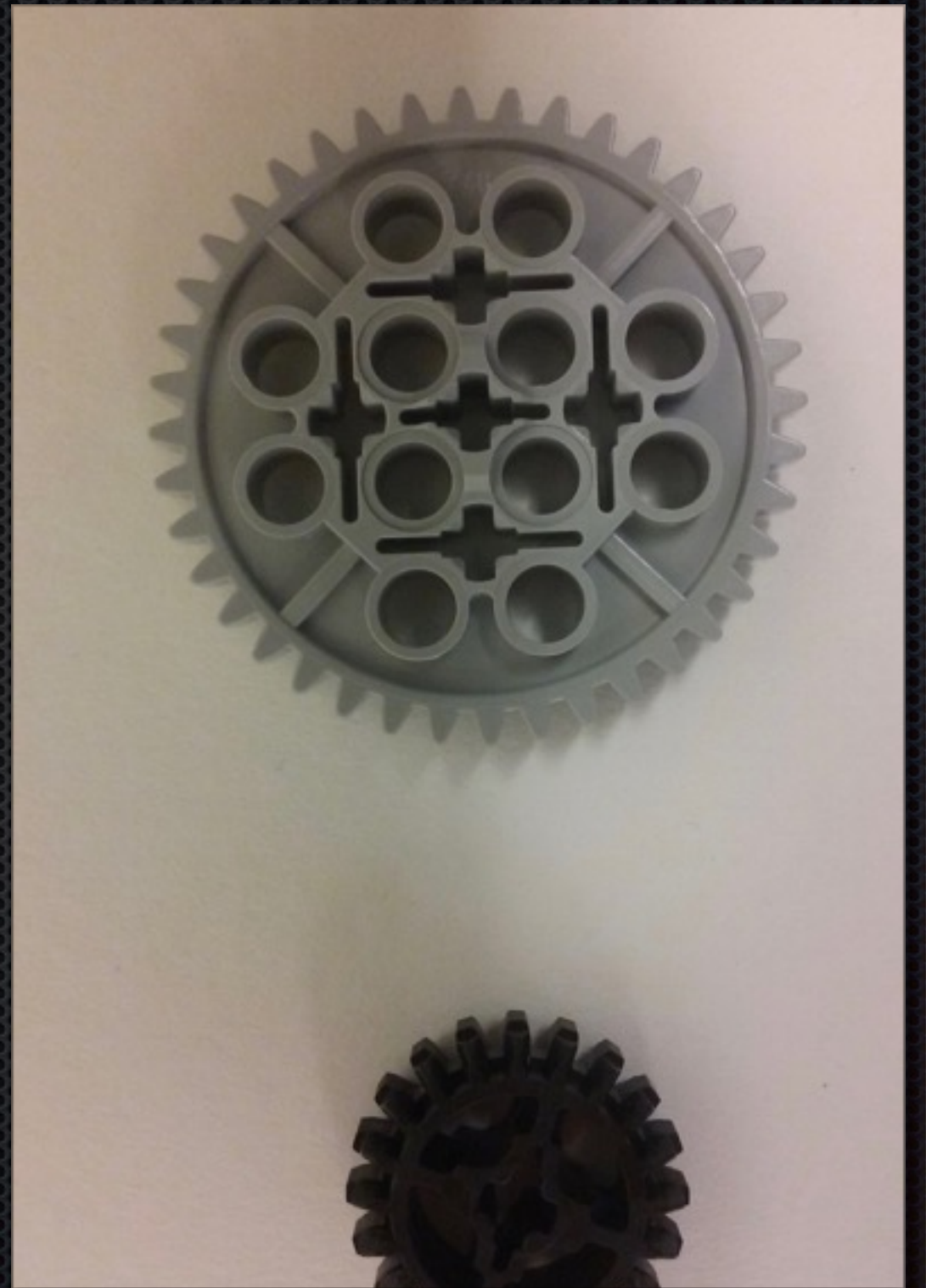
TECHNIC Beam

Basic building beam
measured by the
number of holes they
have. Known as 9 or
1X9 and 3 or 1X3.



Gears

Transfers movement from one part to another. Described by the number of teeth they have, from 8-tooth to 40-tooth.



Axle

A small rod used with a wheel or gear to turn the wheel. Measured by the length when compared to a TECHNIC beam.



TECHNIC Connector Peg (black)

Connector pegs that have ribs that make it more difficult for the peg to turn inside the beam hole.



TECHNIC

Connector

Peg (gray)

Pegs connect parts and gray connector pegs are smooth so the peg can turn freely inside the beam hole.



Brick

This is the microprocessor, or brain, for the robot. It is actually a small computer.

