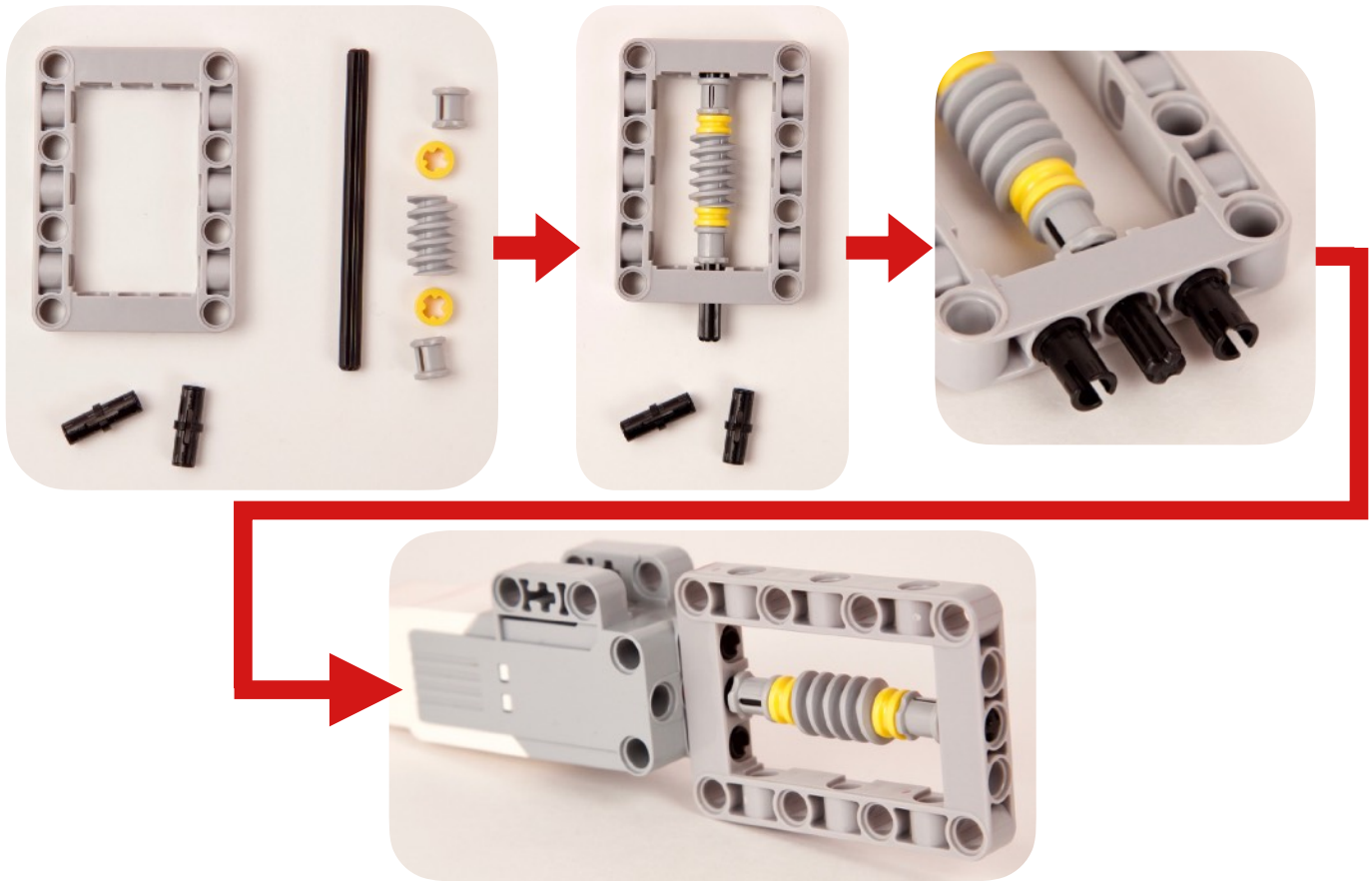


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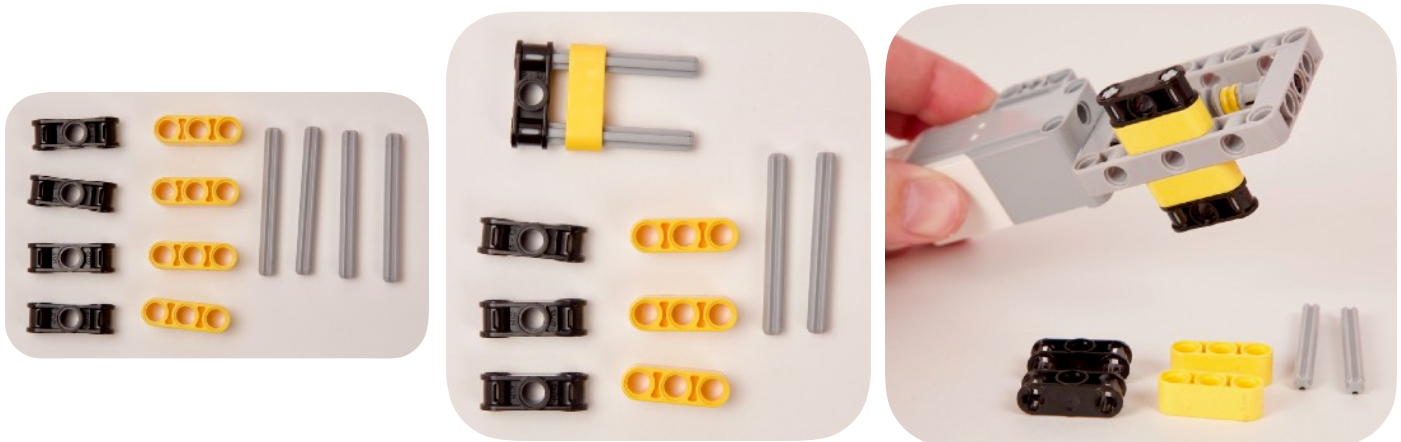
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1 *Worm Gear Housing*



2 *Lower Axle Holder*

Later on, we'll use the extra pieces shown here to build the Upper Axle Holder. You could build it now, but it's easier to wait.



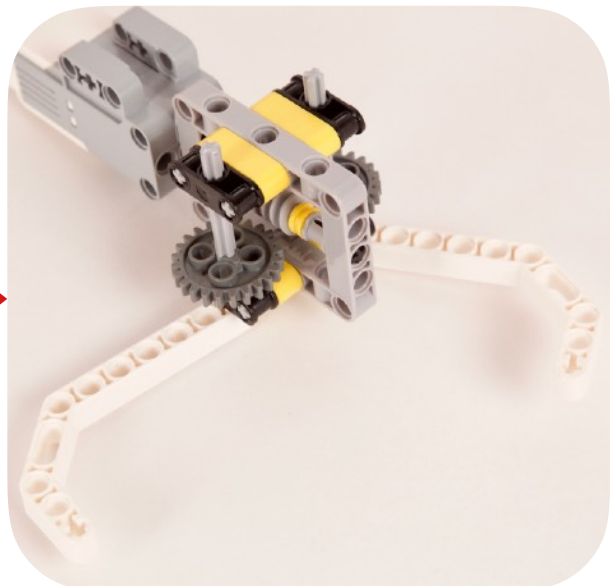
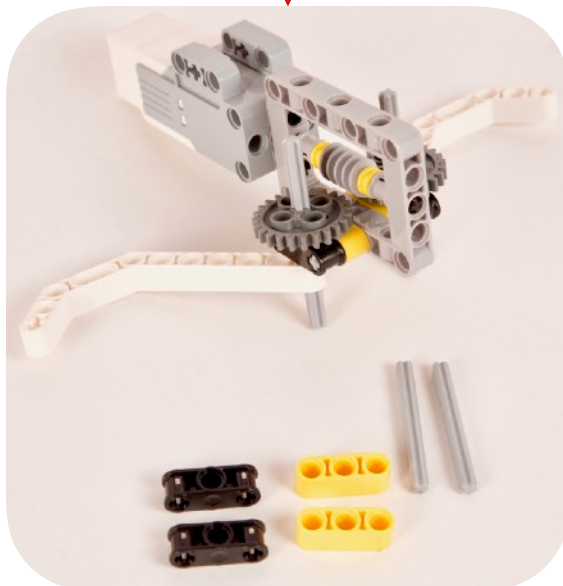
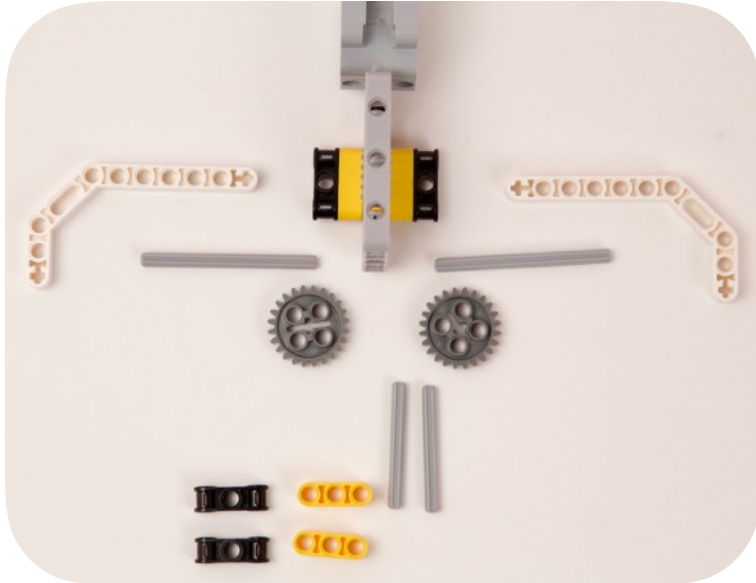
3

Install Axles and Upper Axle Holder



CA

At this point, the vertical axles can swing freely (in other words, it's okay if they flop around).



4

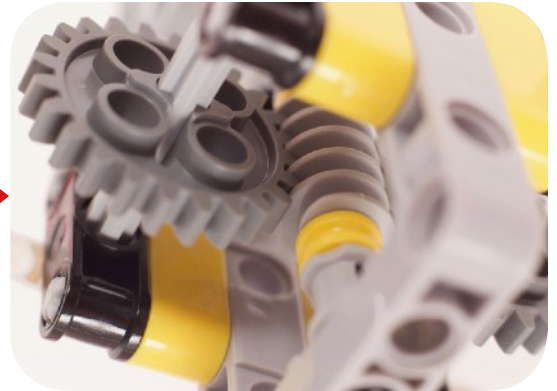
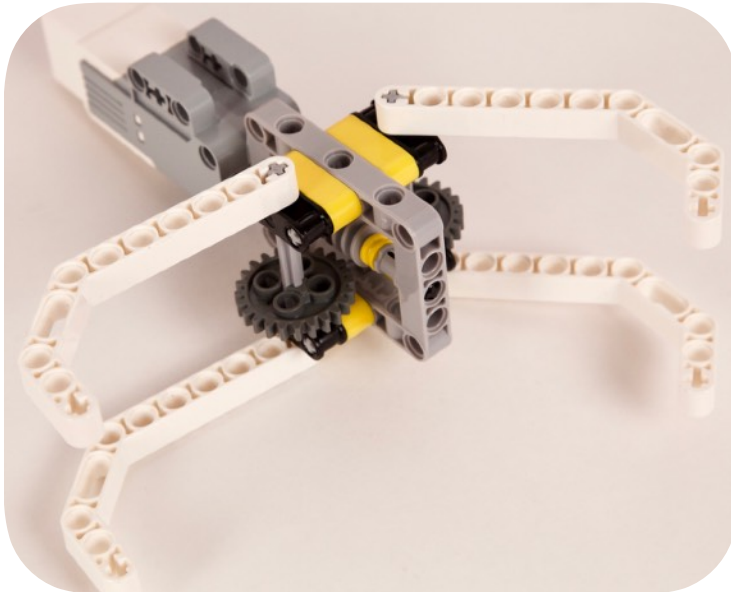
Upper Pincers and Gear Meshing



CA

Attach the upper pincers, then slide the round gears into place so they mesh with the worm gear.

Be careful to line up the pincers!

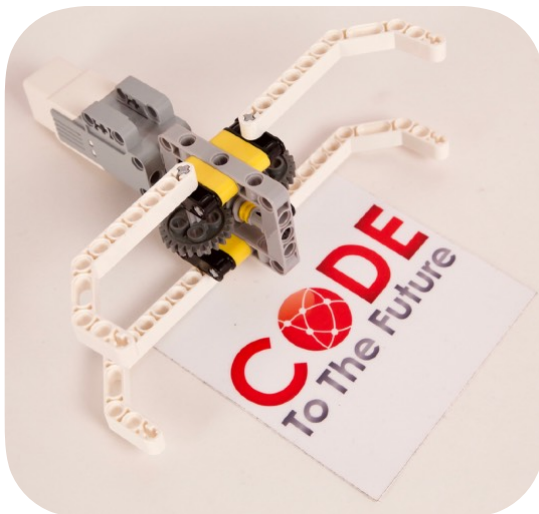


5

You're Done!

Next, attach the claw to your Code Cruiser (or whatever robot you want).

You can also attach sensors, to make your robot detect the location and color of the object you intend to grab and move.



Bonus on next page!

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Bonus: Rubber Grippers



Soft rubber provides higher friction than hard plastic. These add-ons give the claw more grip, which makes it work more consistently when grabbing different objects.

