## Req­uired Materials

### List of materials needed­:

* Special pieces:
  + Blue 4x12 | 1x (Base)
  + Blue Flat 6x8 | 2x
  + Black Wheels | 1x
  + Red Trailer Hitch | 1x
  + Gray Seat | 1x
  + Gray Flat 2x4 | 1x
  + Gray Flat 2x2 | 1x
* Normal pieces:
  + Any Color 2x4 | 15x
  + Any Color 2x6 | 2x

**Procedure**

*Step 1.* Creating Groups

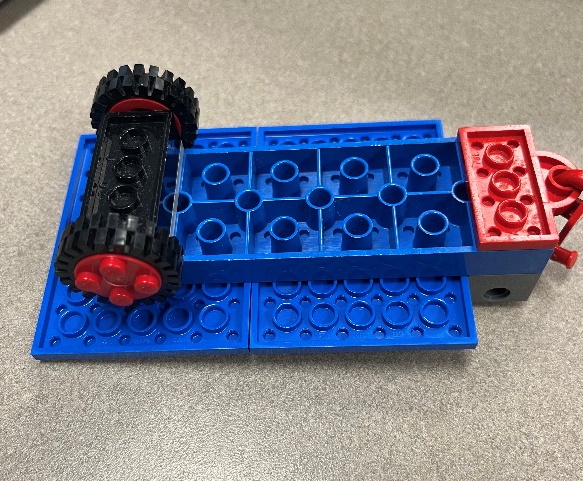
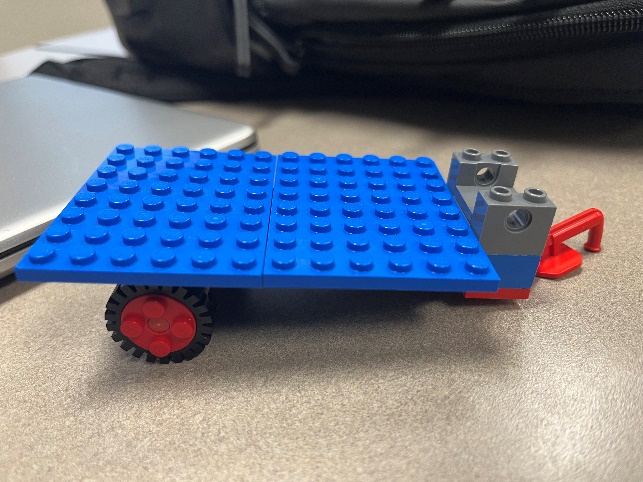
Organize your pieces into groups as outlined in the Required Materials section.

* This will make assembly easier moving forward.

*Step 2.* Assembling The Base

* Identify both the Base piece (Blue 4x12), and the Red Trailer Hitch (a red piece with a loose hook section).
* Connect the top of the Trailer Hitch piece to the bottom of the Base piece such that the 4-stud length of the Trailer Hitch reaches end to end of the Base piece’s width of 4 studs. You will only be able to make this connection at either edge of the Base piece to allow room for the hook section of the Trailer Hitch.
* On the opposite side of the bottom of the Base piece, connect the Gray Flat 2x4 in the exact same way.
* Connect the top of the Black Wheels piece to the bottom of the Gray Flat 2x4 you just connected. They should be the same size, so connect them in the same orientation.

*Step 3.* Finishing The Base

* After finishing Step 2, the bottom of the base is complete. We will now focus on the top.
* Identify the Gray Seat piece and the Gray Flat 2x2.
* Notice how the bottom of the Flat 2x2 is the same size as the center of the Gray Seat piece. Connect these two pieces together, the Flat 2x2 should fit in snugly.
* Connect the assembly of gray pieces to the Base piece, with the bottom of the Seat piece connecting to the top of the Base piece. Make this connection above the Red Trailer Hitch, with the same orientation as well.
* If assembled correctly, the top of the Base piece should have an area of 4x8 studs remaining.
* Identify the two Blue Flat 6x8 pieces.
* Start by connecting the bottom of one Blue Flat piece to the top of the Base piece. This connection will be made such that the Blue Flat piece is touching the Gray Seat, and that the 4-stud width of the Base piece connects to the center of the 8-stud length of the Blue Flat piece. When done correctly, there should be 2 studs on either side of the Blue Flat piece that are floating and not connected to anything.
* Repeat for the second Blue Flat piece, this time touching the first piece instead of the Gray Seat. When done correctly, there should be 2 studs from the second Blue Flat piece floating above the end of the Base piece that has the wheels.
* By this step, all pieces from the Special Pieces Group should be used up. The final assembly should look like the following:

*Step 4.* Assembling The Walls

* For this step, only pieces from the Normal Pieces group will be used.
* Using any pieces from the Normal Pieces group, in any order you wish, you will be assembling the walls for the trailer.
* The walls of the trailer are 2 studs thick and 2 pieces tall. They will be located on top of the combined 8x12 platform you created with the two Blue Flat pieces used at the end of Step 3.
* By creating a 2-stud thick wall that lines the edges of the 8x12 platform, the remaining area inside the walls should be 4x8.
* Remember that the walls are 2 pieces tall!
* Once the wall is finished, you will have remaining pieces left over from the Normal Pieces group. These will go unused, as you have finished building the trailer, congratulations!
* For reference here are photos of the final build:

A building blocks in different colors

Description automatically generatedA toy car on a table

Description automatically generated