Mister Blocks

FREE LEGO BUILDING INSTRUCTIONS · PDF

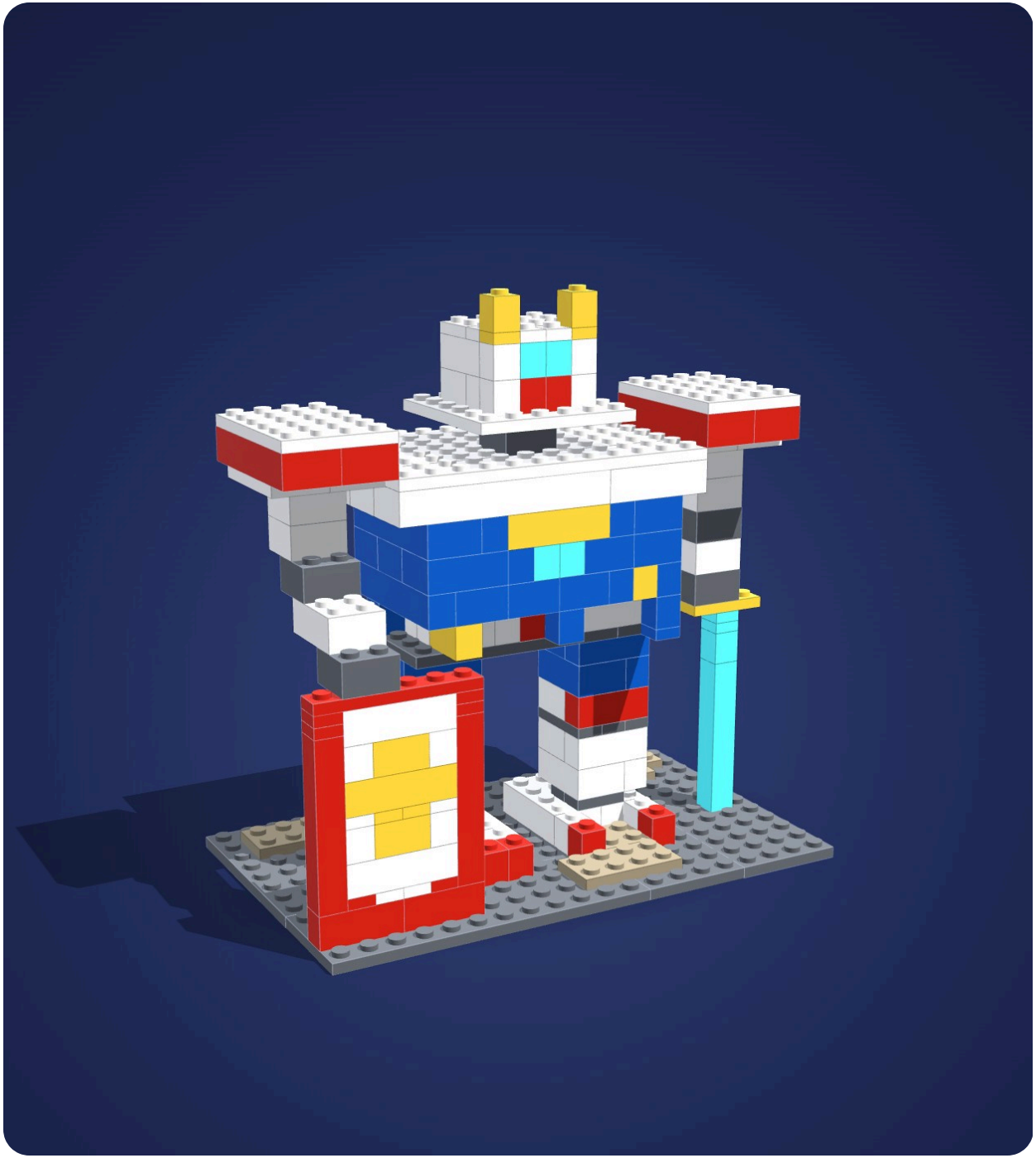
Vanguard Knight Mech

A heroic white, blue and red battle mech standing guard, one hand on a glowing energy sword, the other on its shield.

Free LEGO Vanguard Knight Mech instructions as a printable PDF: a fan-made LEGO MOC built from 175 standard LEGO pieces in 17 steps, with the pieces for every step and a full parts list.

Build it in 3D, step by step:
misterblocks.com/builds/vanguard-knight-mech-lego-build

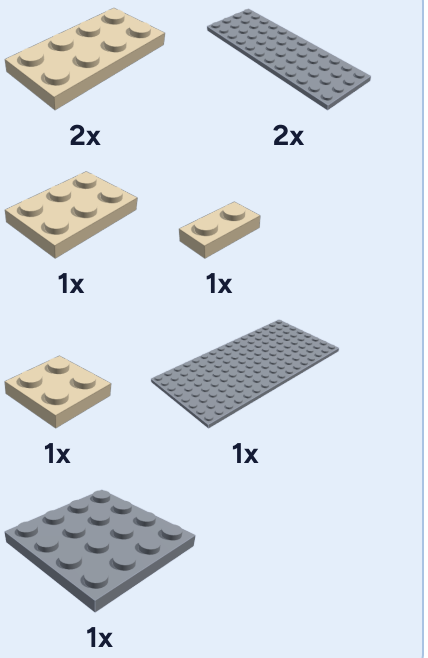
175	17	49
PIECES	STEPS	KINDS OF PIECE

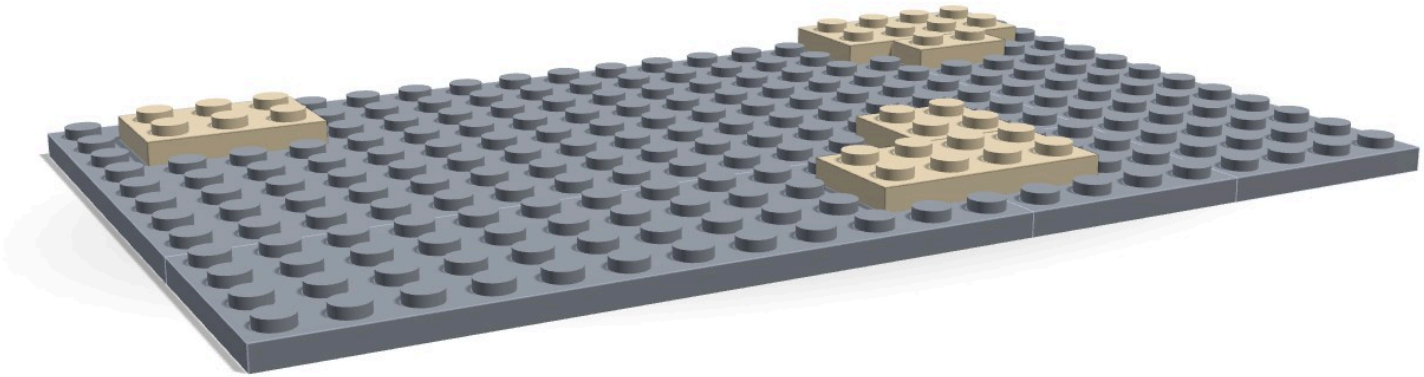


An unofficial fan build. All standard pieces; any similar colour works. Every stud is checked. LEGO is a trademark of the LEGO Group, which does not sponsor this site.

STEP

1



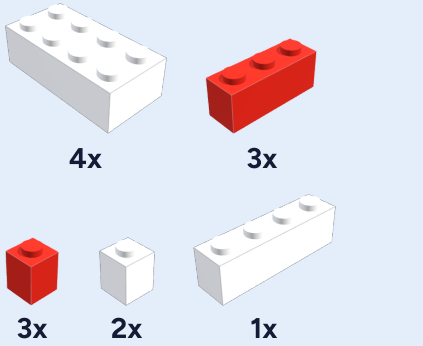


Rocky base

A dark gray base with dark tan rocks.

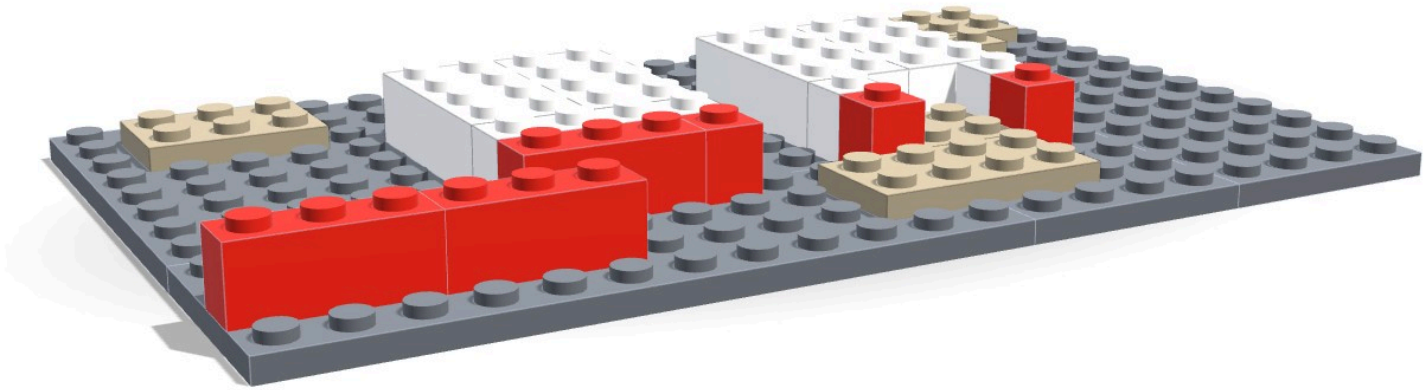
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2



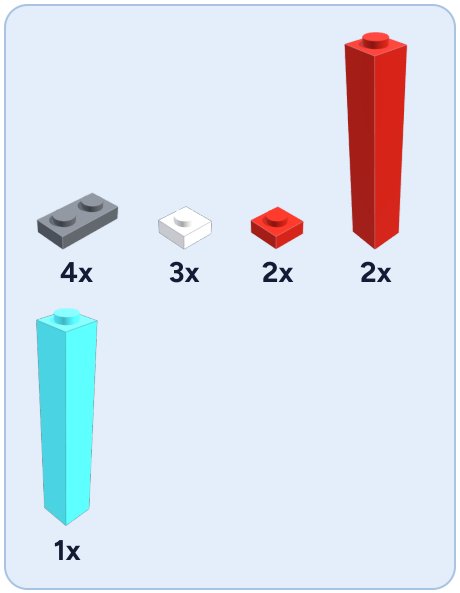
Boots, sword and shield (1 of 2)

White boots with red toes, the first glowing block of the sword blade, and the red bottom of the shield.



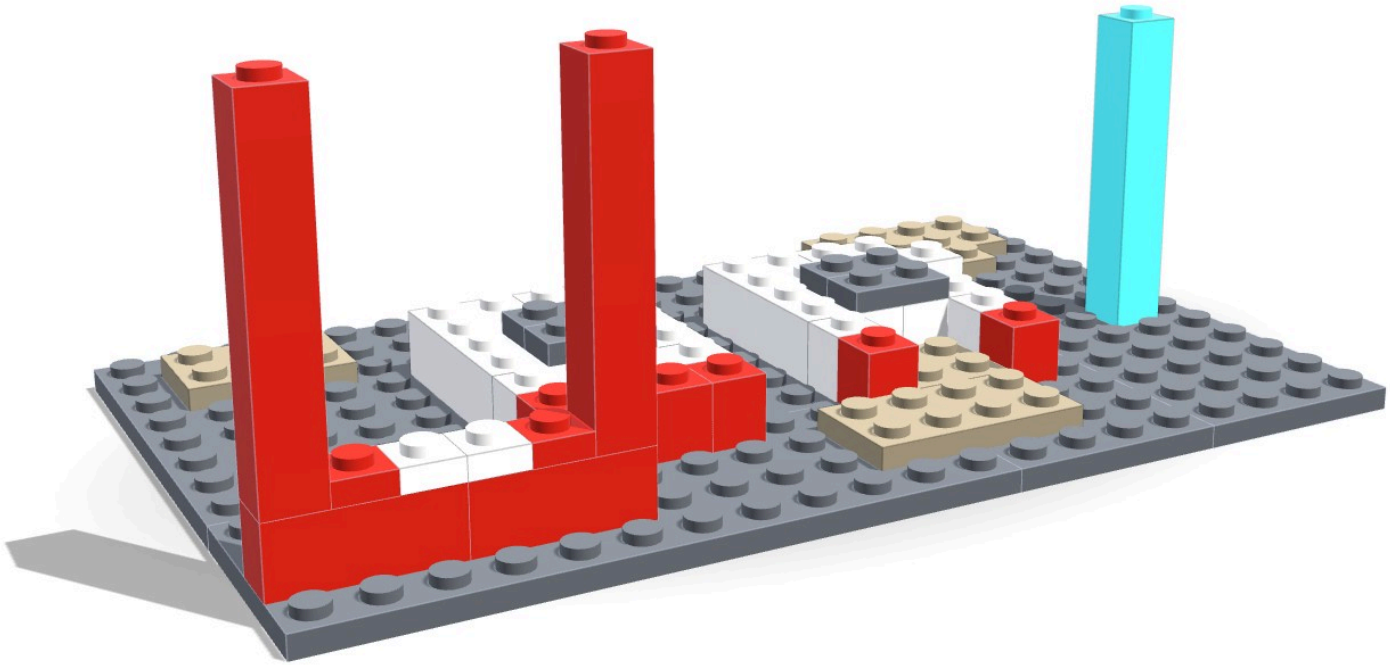
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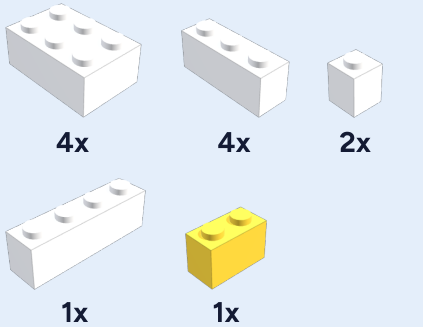
Boots, sword and shield (2 of 2)

Keep going: white boots with red toes, the first glowing block of the sword blade, and the red bottom of the shield.



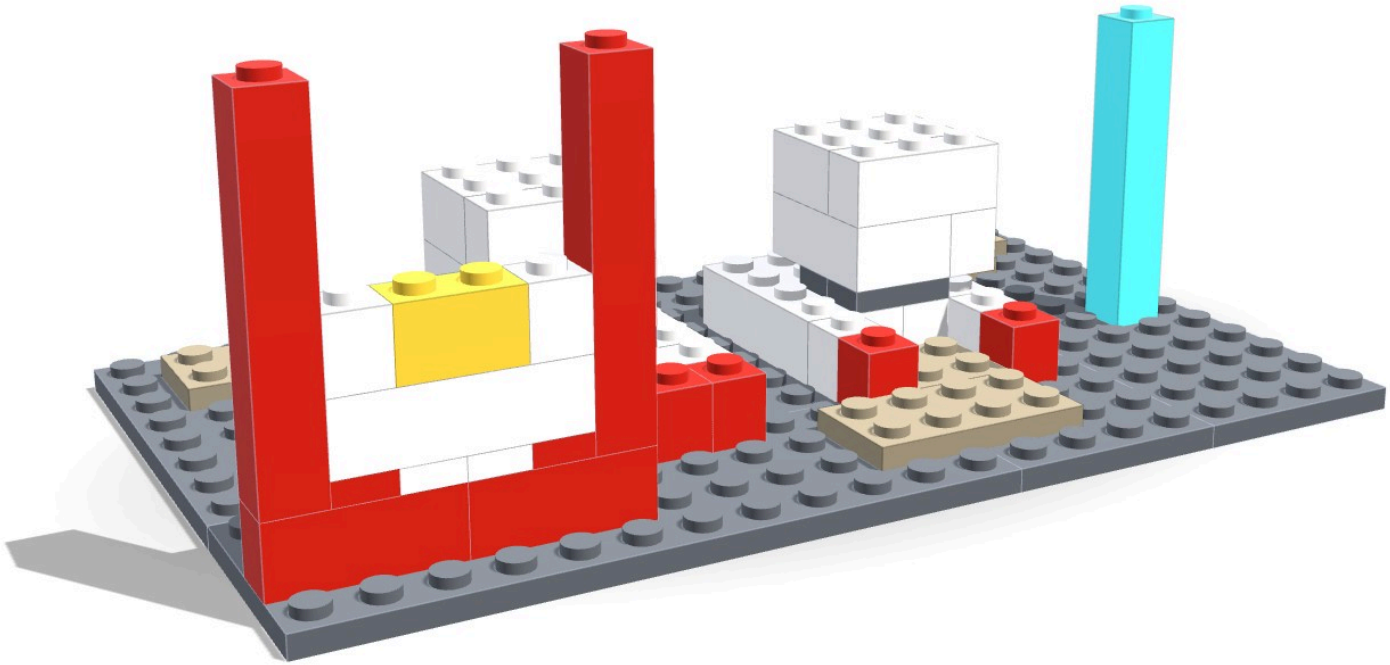
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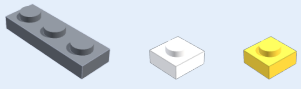
Shins

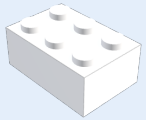
Two white bricks for each long shin. The shield and the blade keep rising beside them.

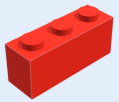


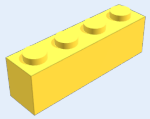
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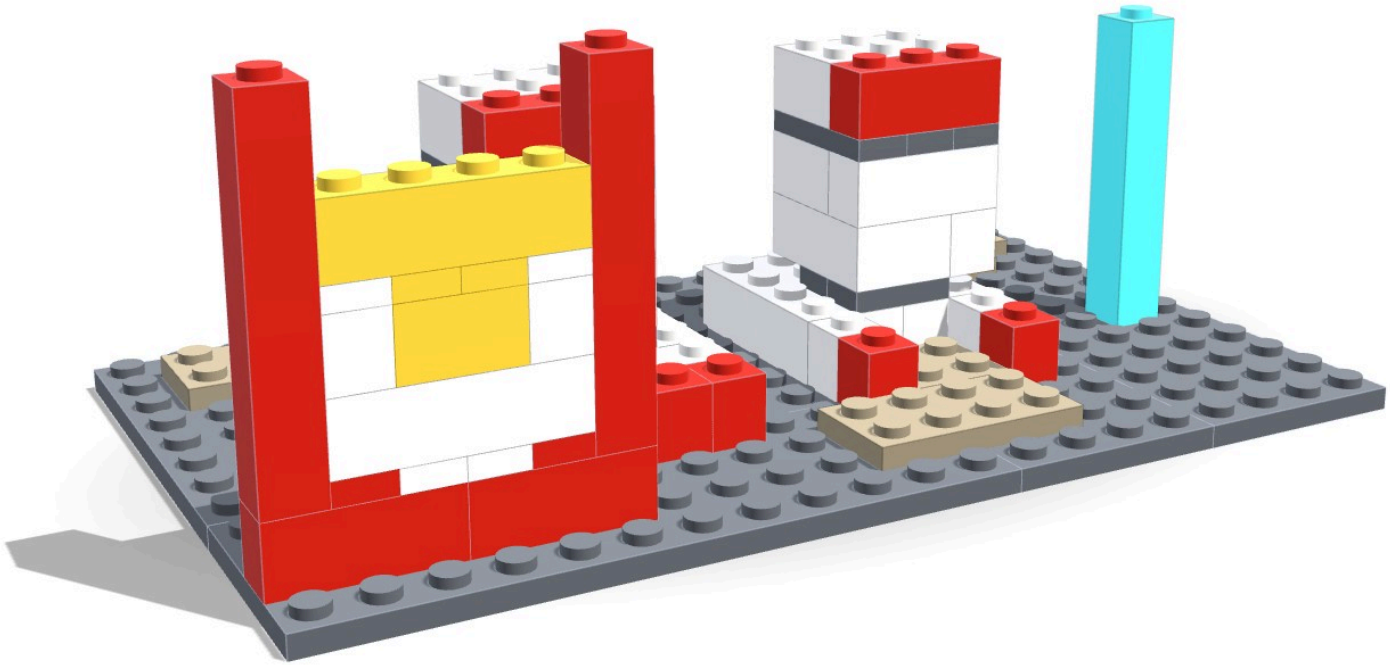






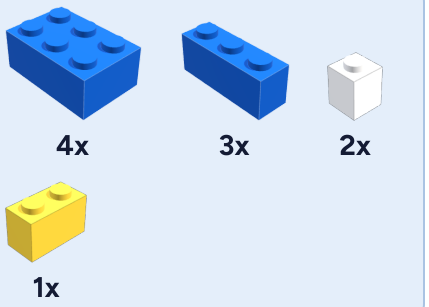
Knees

Dark gray knee joints, then white knees with red armour on the front. The yellow emblem starts on the shield.



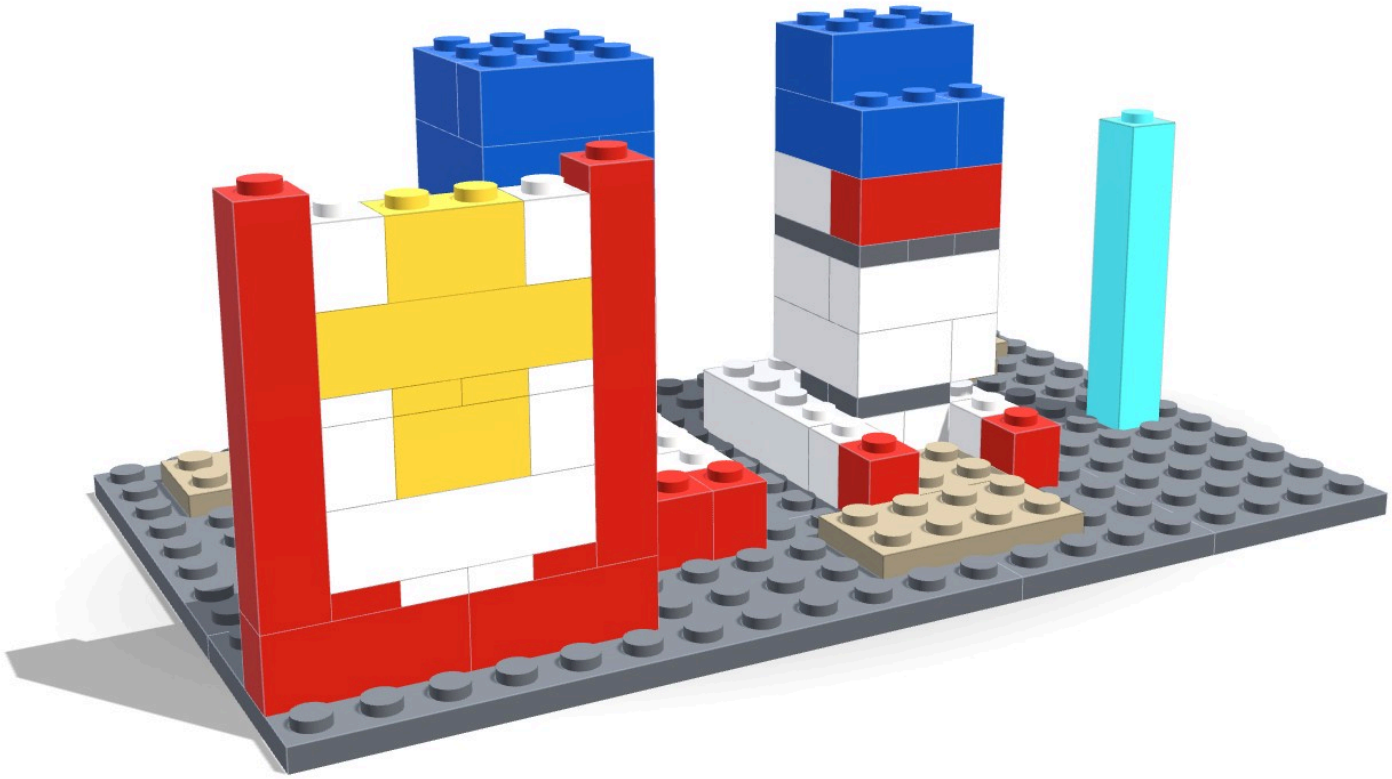
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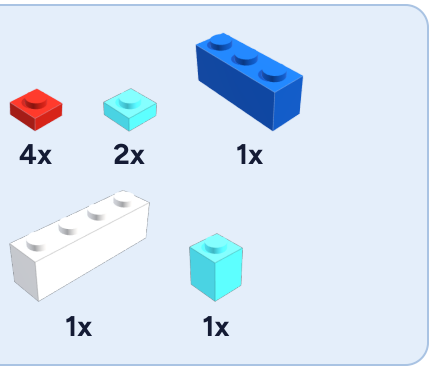
Thighs (1 of 2)

Blue thighs, two bricks each. The yellow cross is finished on the shield.



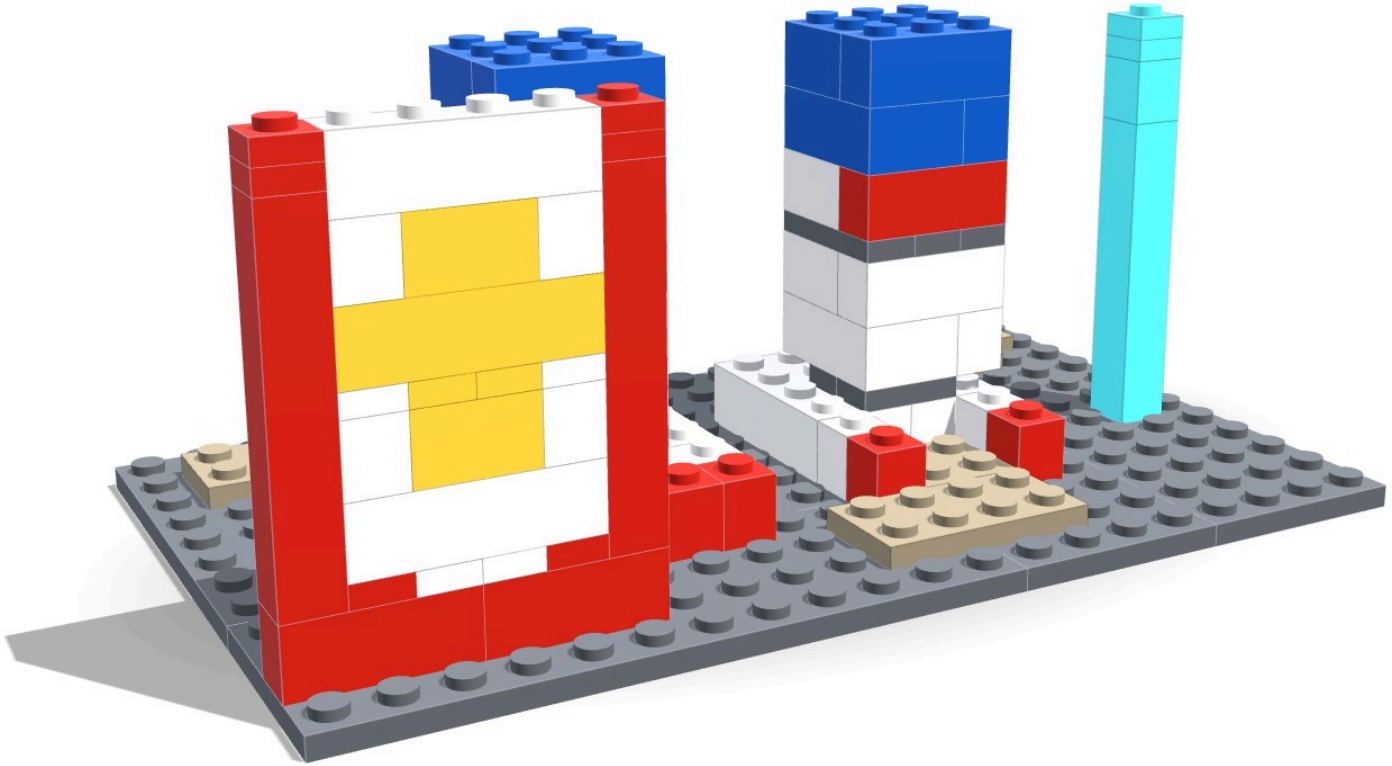
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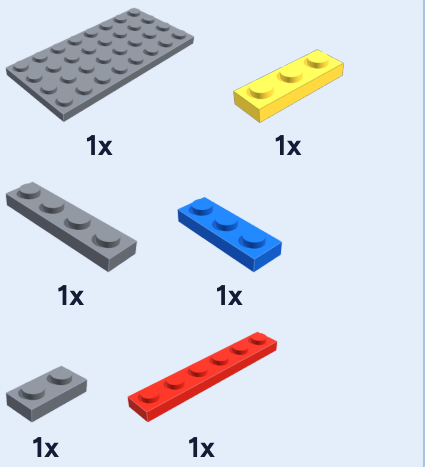
Thighs (2 of 2)

Keep going: blue thighs, two bricks each. The yellow cross is finished on the shield.



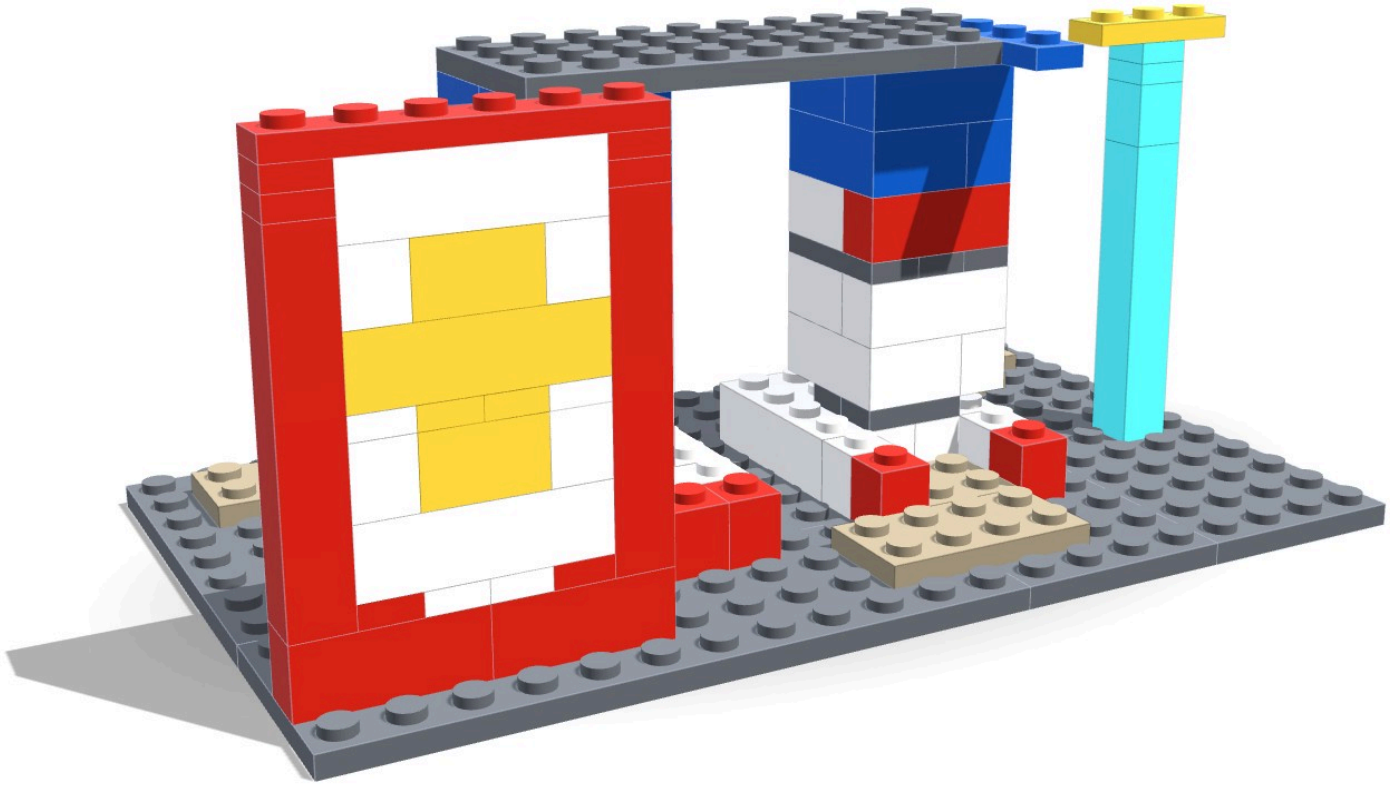
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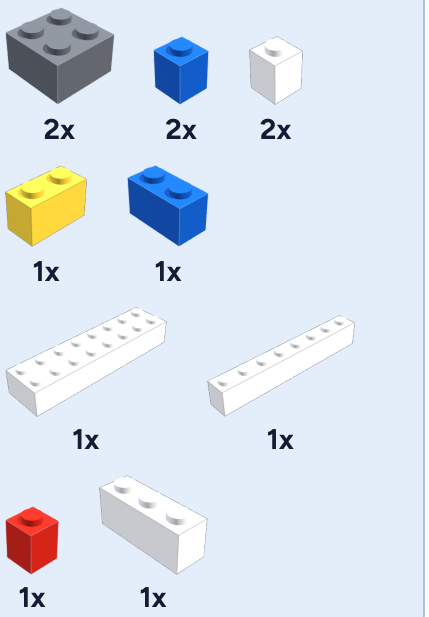
Hips and crossguard

Dark gray hips join the legs; a yellow crossguard tops the sword; the shield gets its red top.



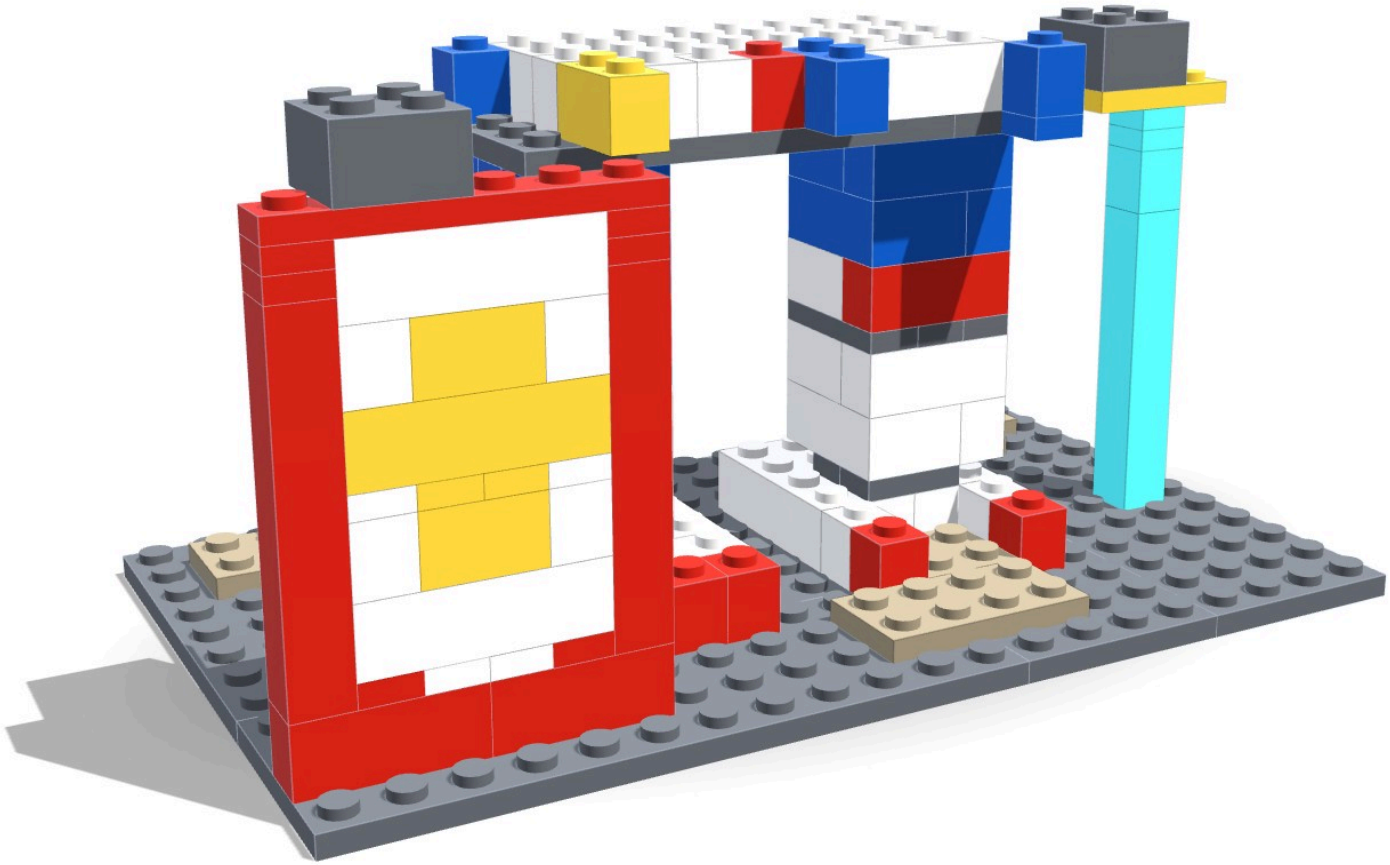
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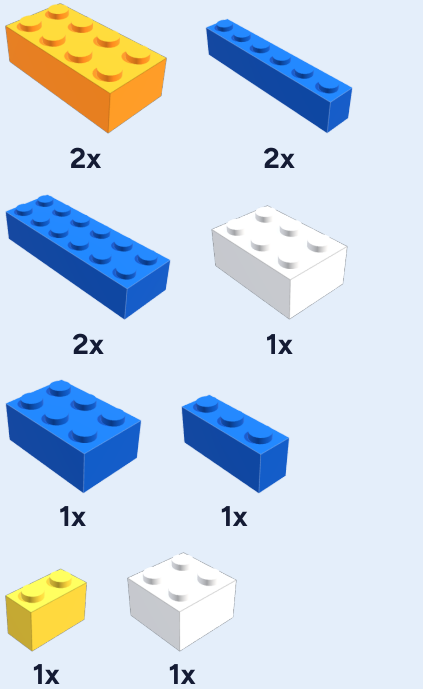
Waist and hands

A white waist with a red buckle. The right hand rests on the crossguard of the sword, the left on top of the shield.



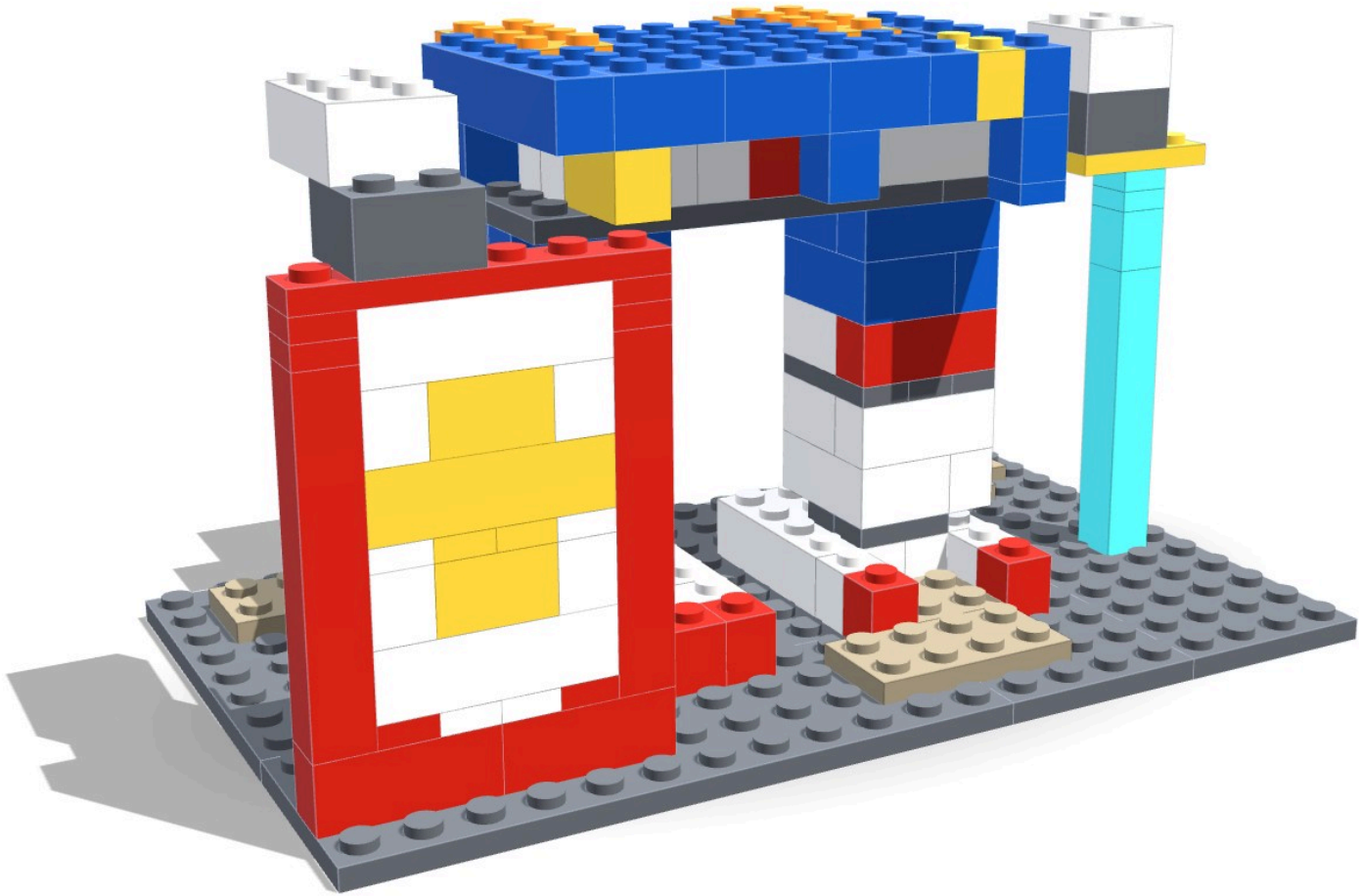
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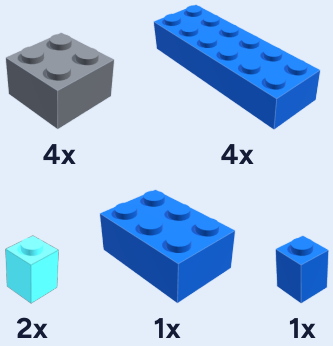
Chest and forearms

A blue chest with yellow vents, the white forearms, and two glowing orange thruster flames behind the back.



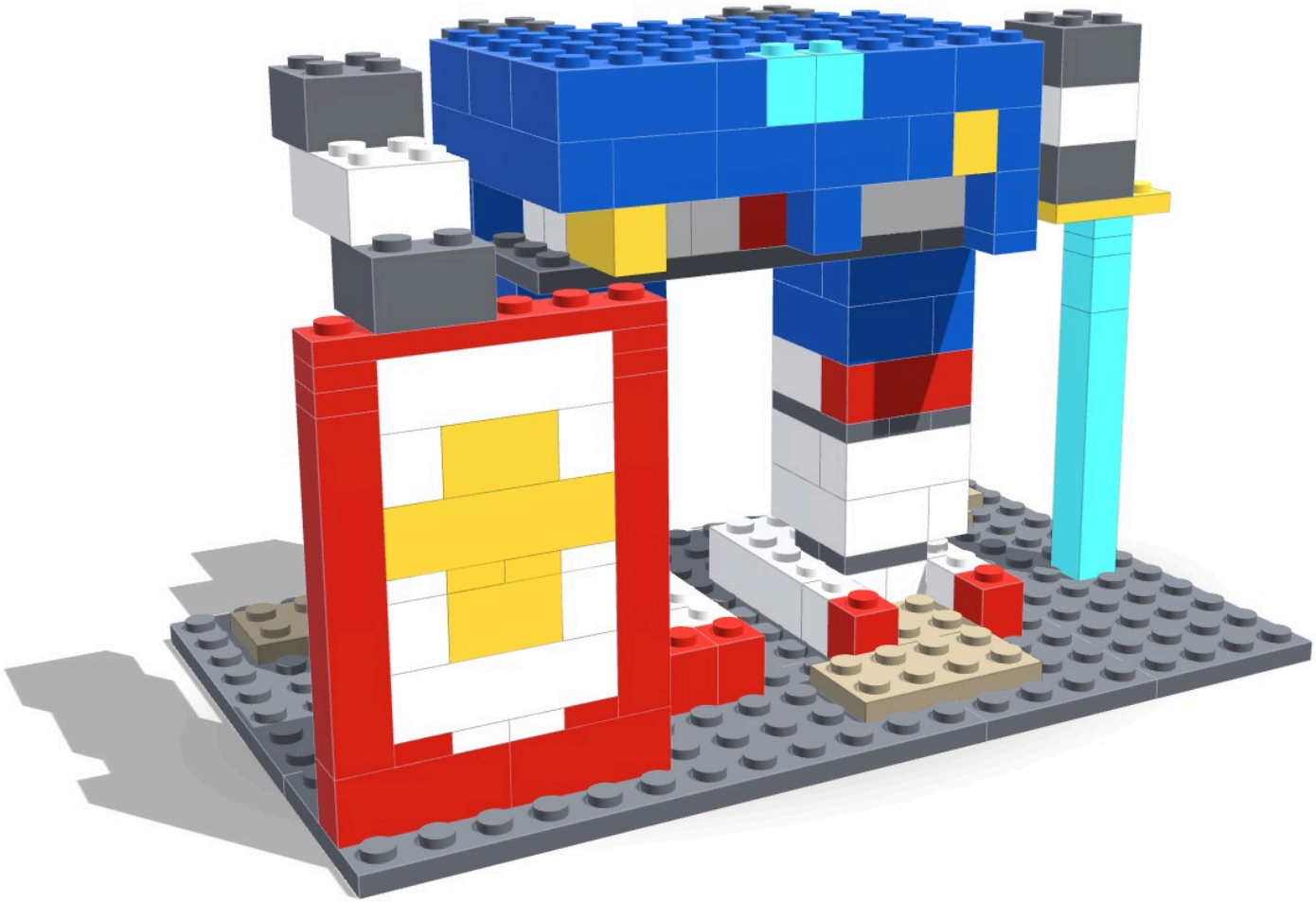
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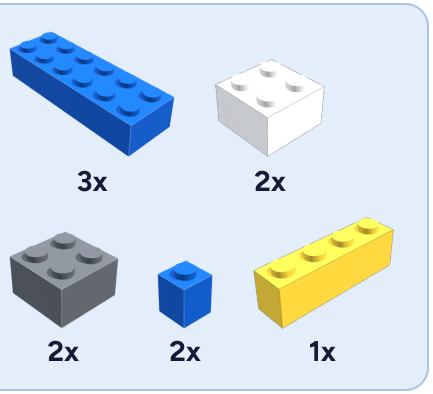
Chest core and elbows

The glowing chest core, dark gray elbows and the thruster nozzles.



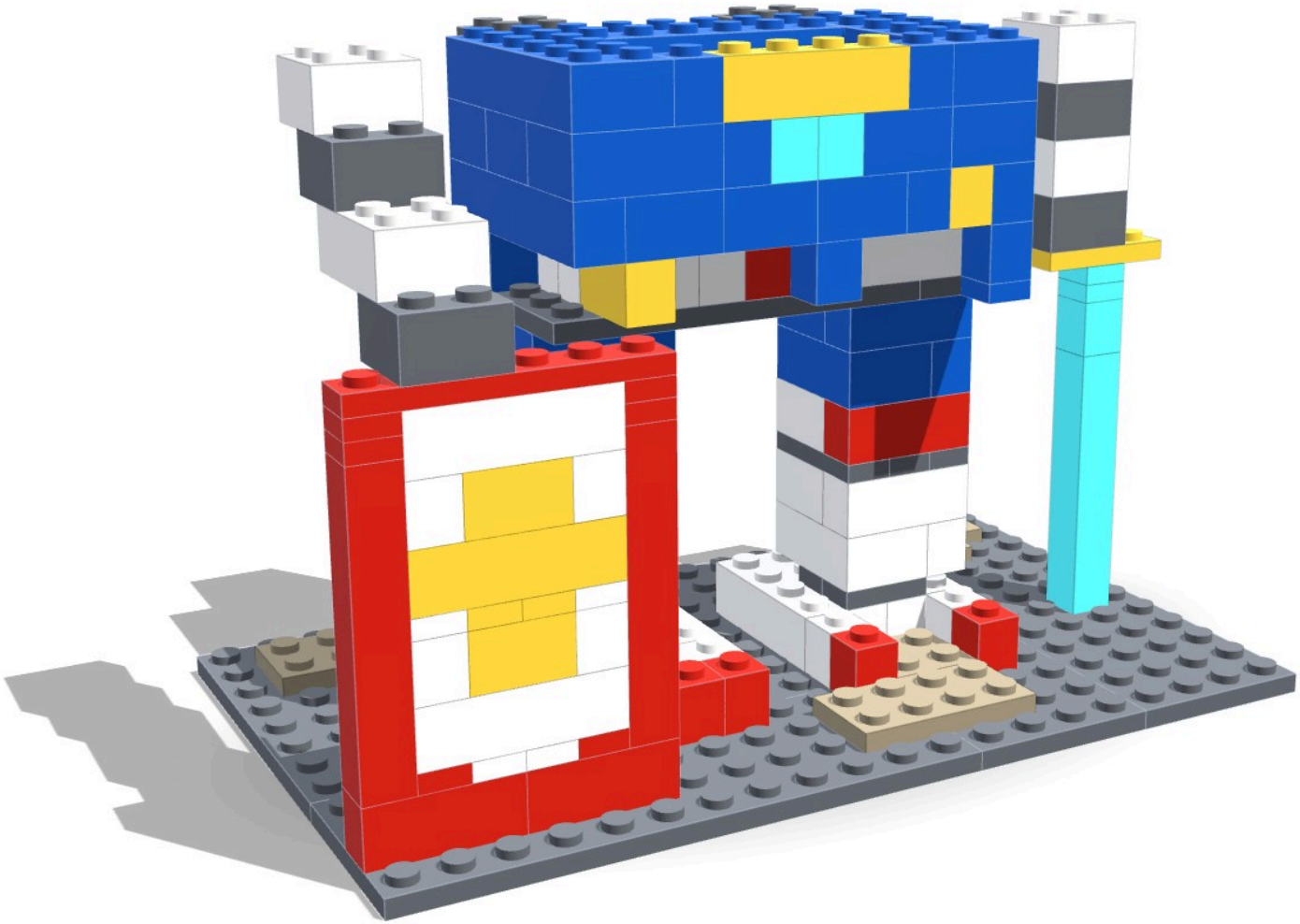
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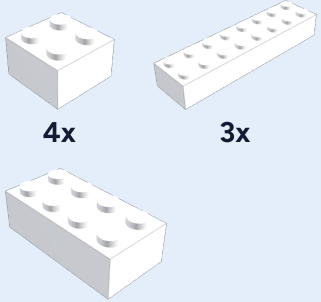
Chest band and upper arms

A yellow band across the chest and the upper arms.



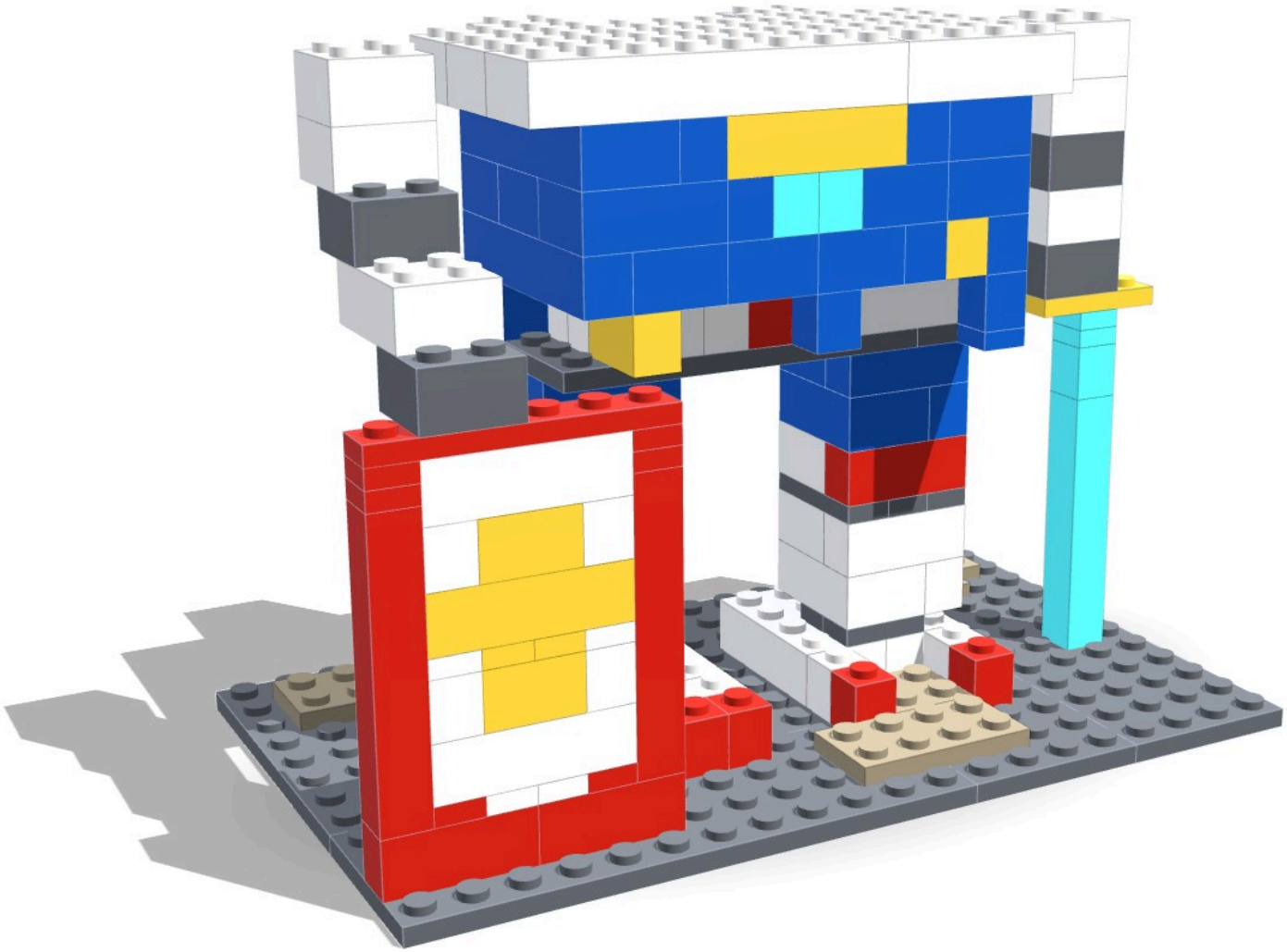
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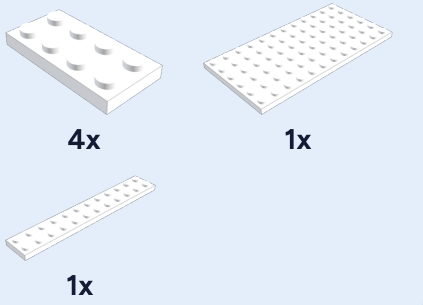
Upper chest

A wider white upper chest, the tops of the arms and the thrusters.



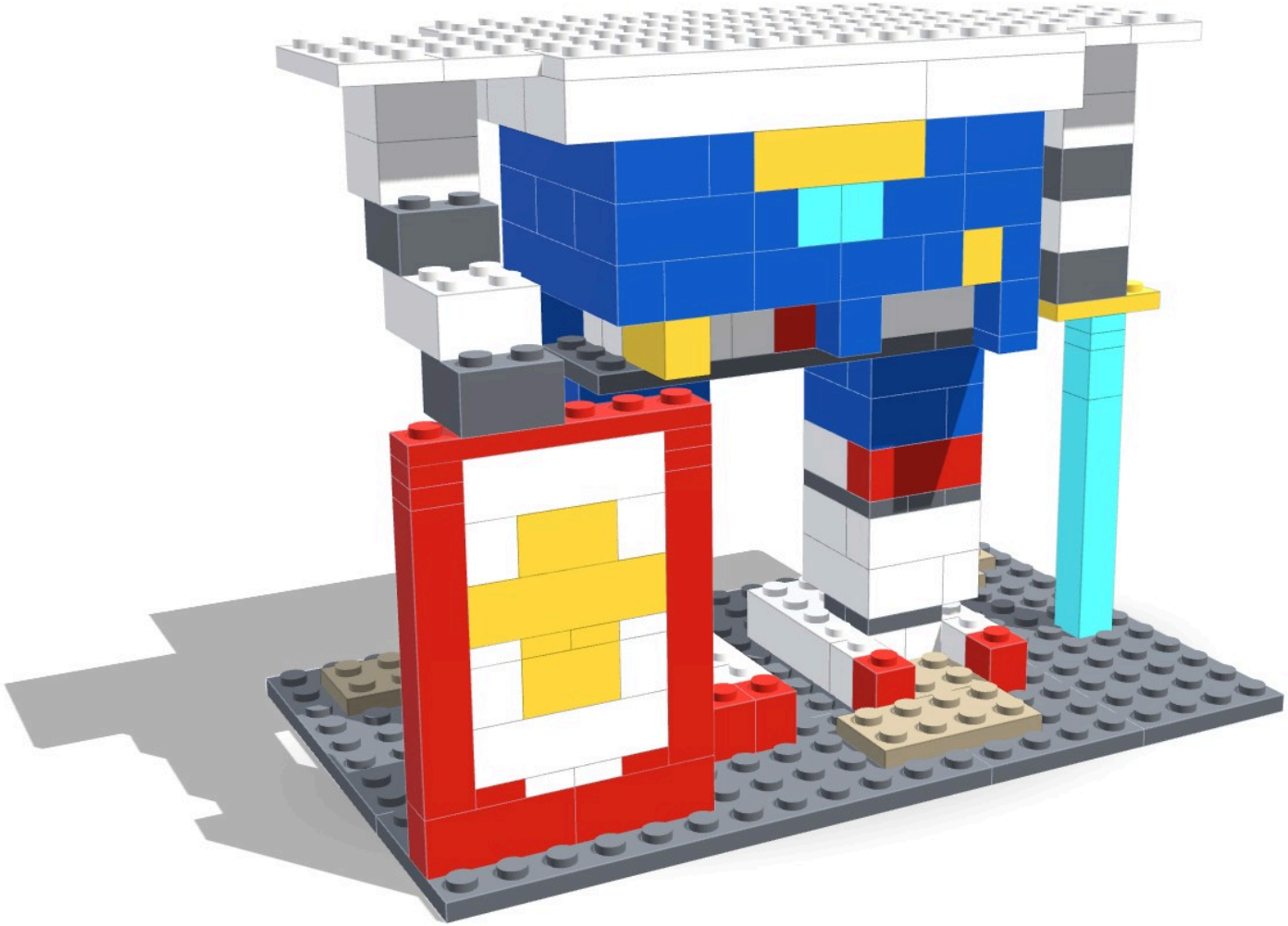
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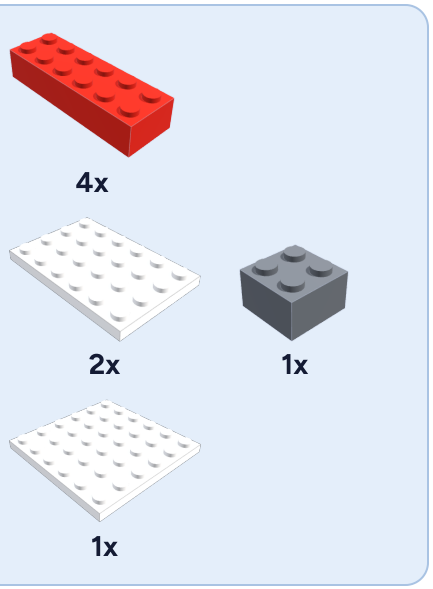
Shoulders

One white plate over everything: it locks the arms and thrusters to the chest.



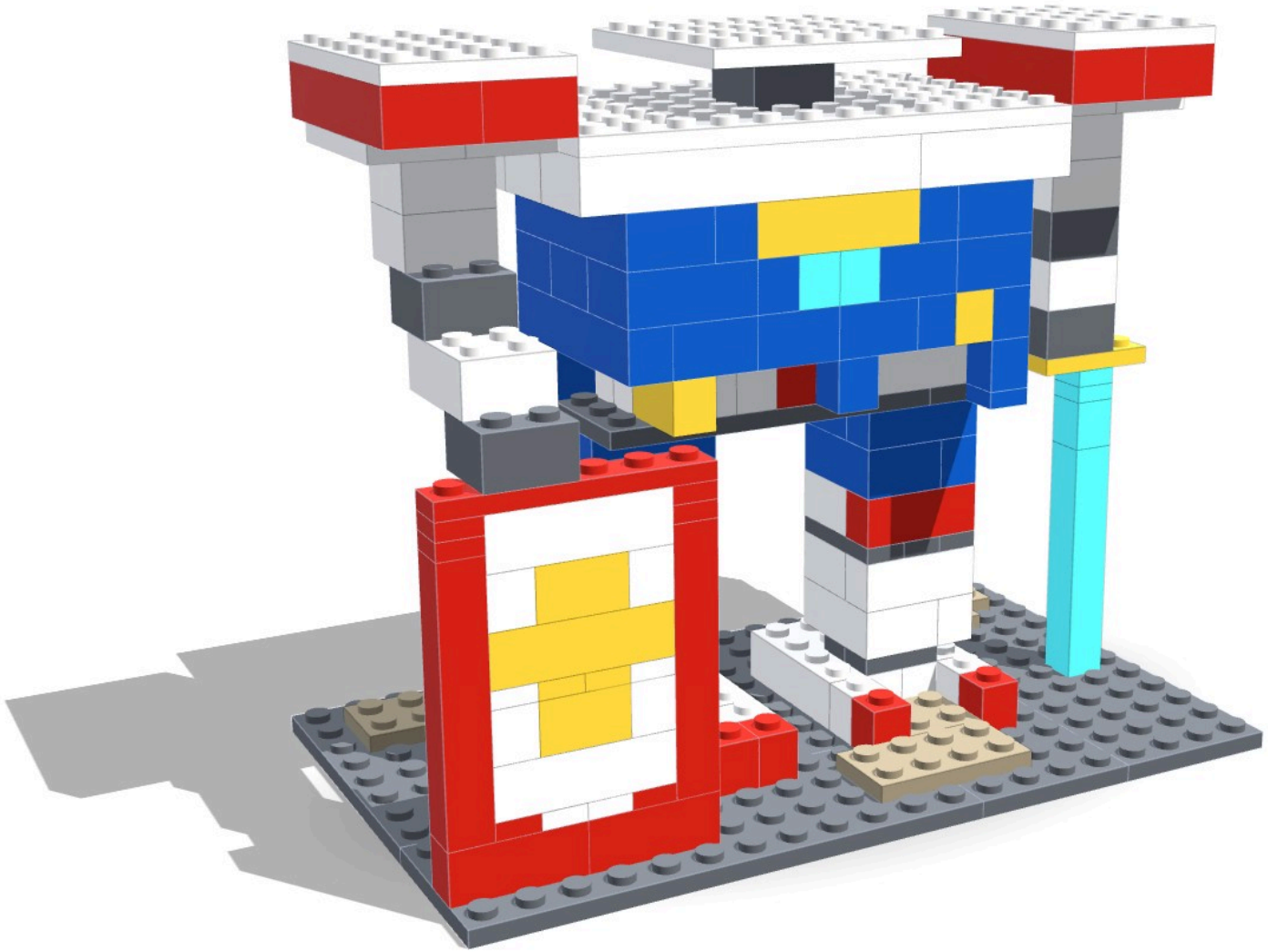
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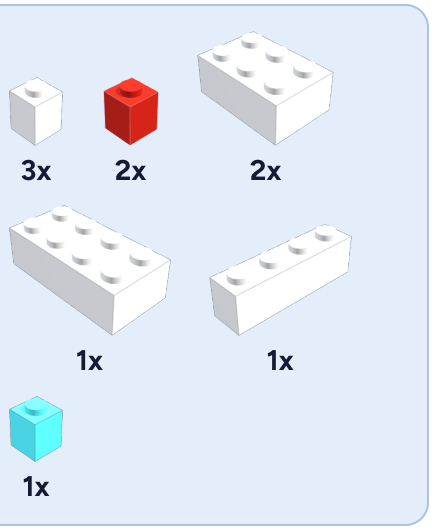
Shoulder pads

Big red shoulder pads with white tops, the neck, and the head base.



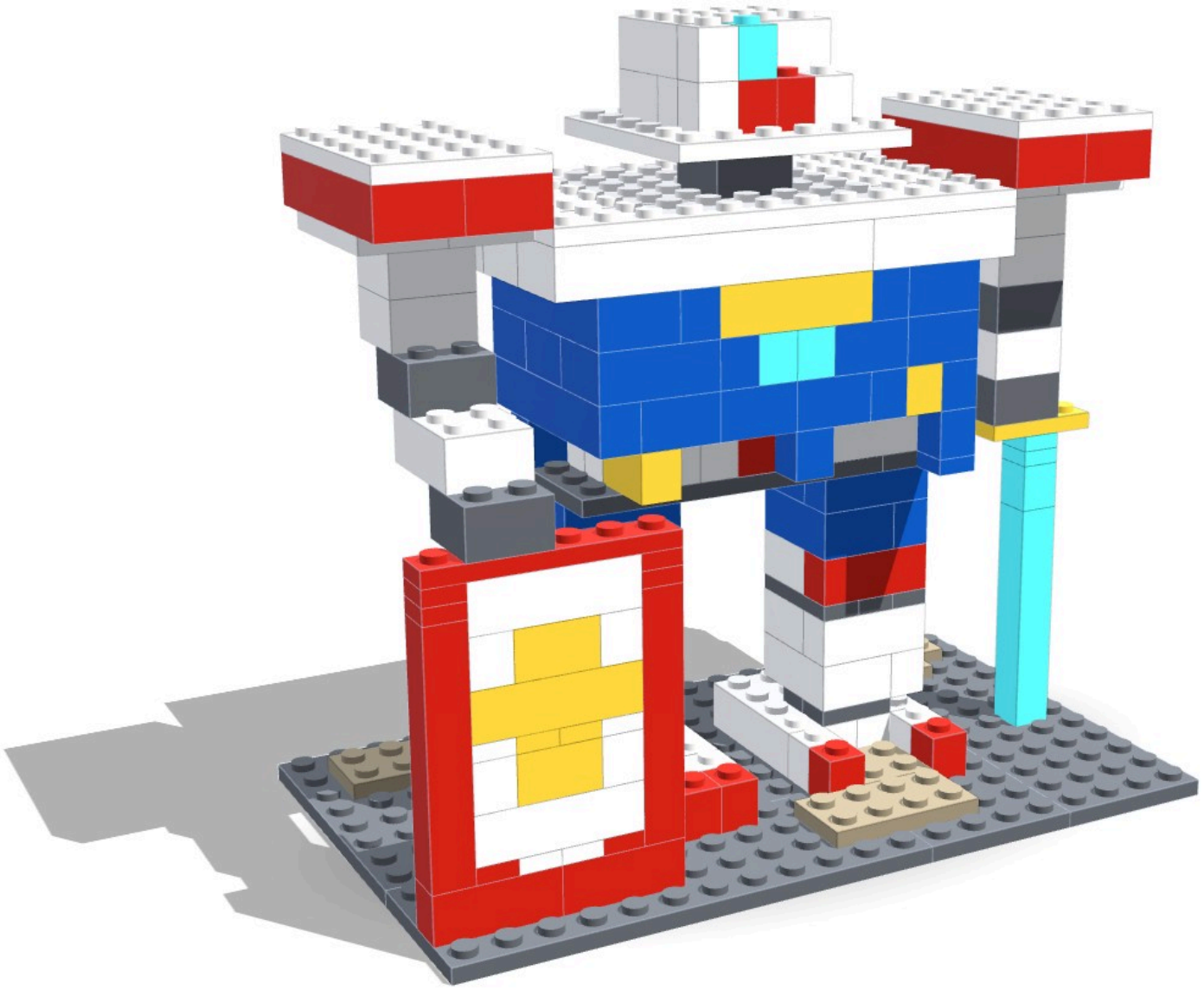
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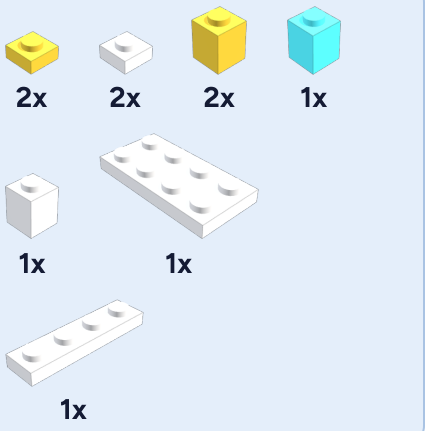
Head (1 of 2)

A red mouth guard, a glowing blue visor, and two yellow horns on top.



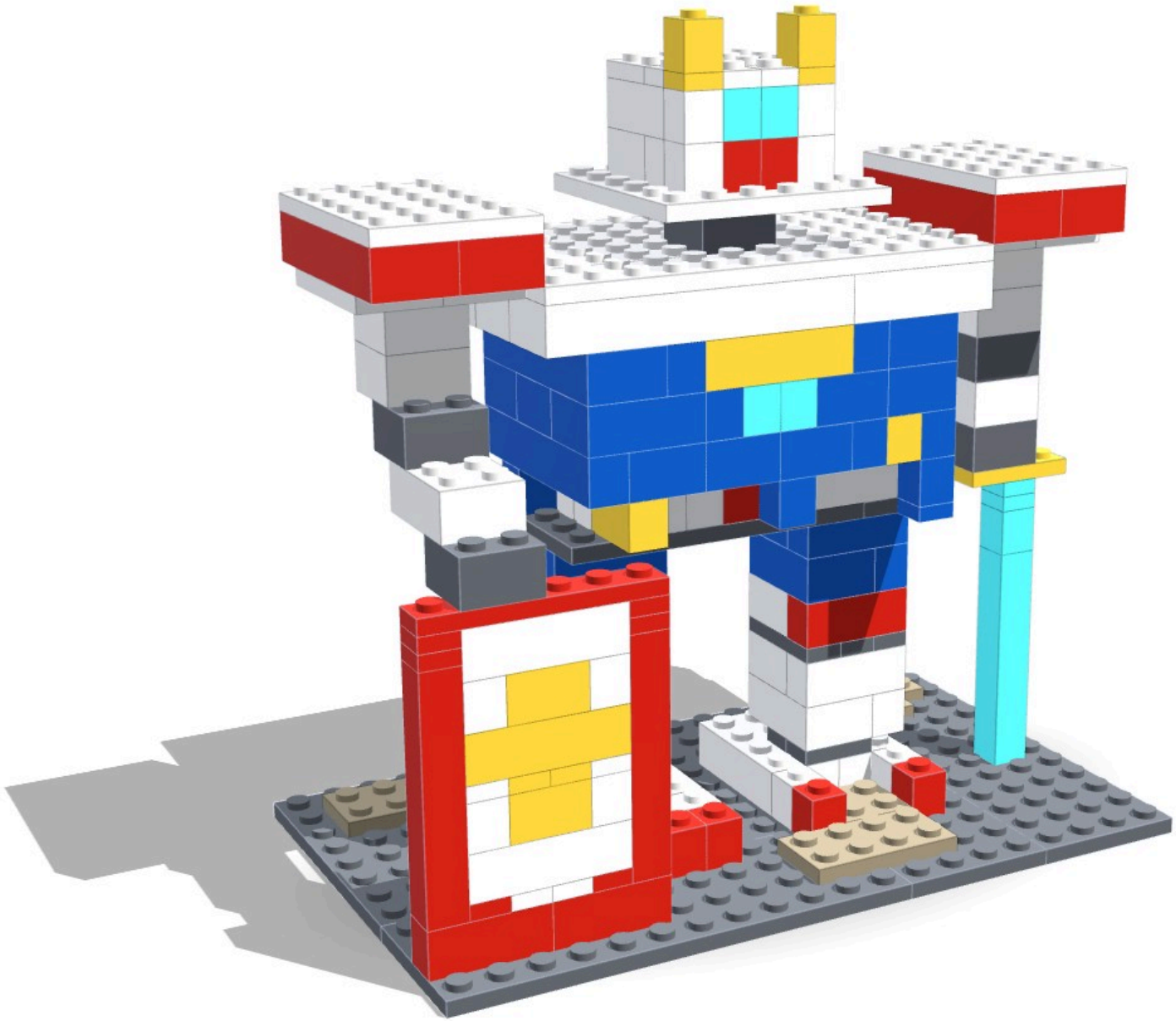
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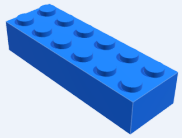
Head (2 of 2)

Keep going: a red mouth guard, a glowing blue visor, and two yellow horns on top.

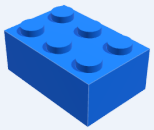


Parts list

175 pieces, 49 kinds. Any similar colour works.



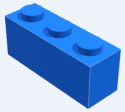
9x
2×6 brick, blue



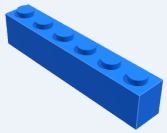
6x
2×3 brick, blue



5x
1×1 brick, blue



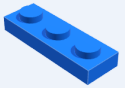
5x
1×3 brick, blue



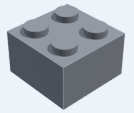
2x
1×6 brick, blue



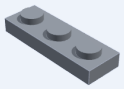
1x
1×2 brick, blue



1x
1×3 plate, blue



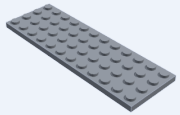
9x
2×2 brick, dark bluish gray



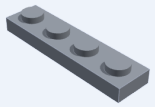
6x
1×3 plate, dark bluish gray



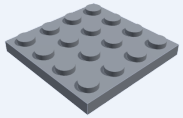
5x
1×2 plate, dark bluish gray



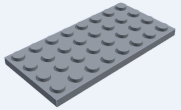
2x
4×12 plate, dark bluish gray



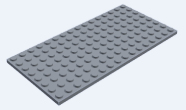
1x
1×4 plate, dark bluish gray



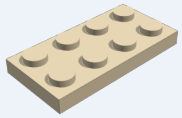
1x
4×4 plate, dark bluish gray



1x
4×8 plate, dark bluish gray



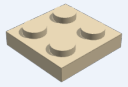
1x
8×16 plate, dark bluish gray



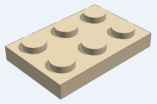
2x
2×4 plate, dark tan



1x
1×2 plate, dark tan



1x
2×2 plate, dark tan



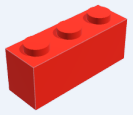
1x
2×3 plate, dark tan



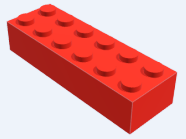
6x
1×1 brick, red



6x
1×1 plate, red



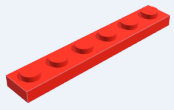
5x
1×3 brick, red



4x
2×6 brick, red



2x
1×1×5 brick, red



1x
1×6 plate, red



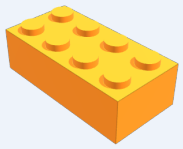
5x
1×1 brick, trans-light blue



2x
1×1 plate, trans-light blue



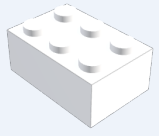
1x
1×1×5 brick, trans-light blue



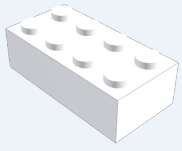
2x
2×4 brick, trans-orange



12x
1×1 brick, white



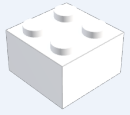
9x
2×3 brick, white



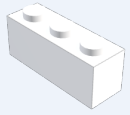
8x
2×4 brick, white



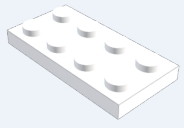
7x
1×1 plate, white



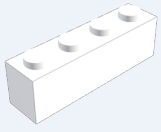
7x
2×2 brick, white



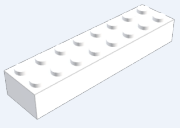
5x
1×3 brick, white



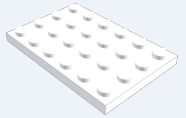
5x
2×4 plate, white



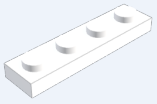
4x
1×4 brick, white



4x
2×8 brick, white



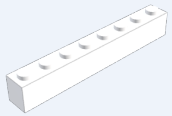
2x
4×6 plate, white



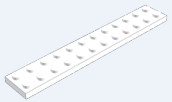
1x
1×4 plate, white

Parts list (continued)

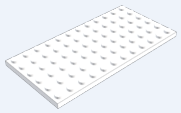
175 pieces, 49 kinds. Any similar colour works.



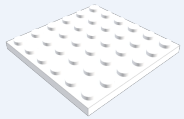
1x
1×8 brick, white



1x
2×12 plate, white



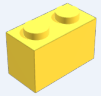
1x
6×12 plate, white



1x
6×6 plate, white



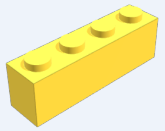
4x
1×1 plate, yellow



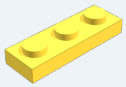
4x
1×2 brick, yellow



2x
1×1 brick, yellow



2x
1×4 brick, yellow



1x
1×3 plate, yellow

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