Mister Blocks

FREE LEGO BUILDING INSTRUCTIONS · PDF

Dig Dog Excavator

A yellow tracked excavator with a rotating house, hazard-striped counterweight, a long stepped boom and a toothed bucket digging a dirt pile.

Free LEGO Dig Dog Excavator instructions as a printable PDF: a fan-made LEGO MOC built from 119 standard LEGO pieces in 14 steps, with the pieces for every step and a full parts list.

Build it in 3D, step by step:
misterblocks.com/builds/dig-dog-excavator-lego-build

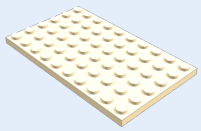
119	14	41
PIECES	STEPS	KINDS OF PIECE



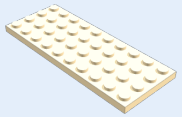
An unofficial fan build. All standard pieces; any similar colour works. Every stud is checked. LEGO is a trademark of the LEGO Group, which does not sponsor this site.

STEP

1



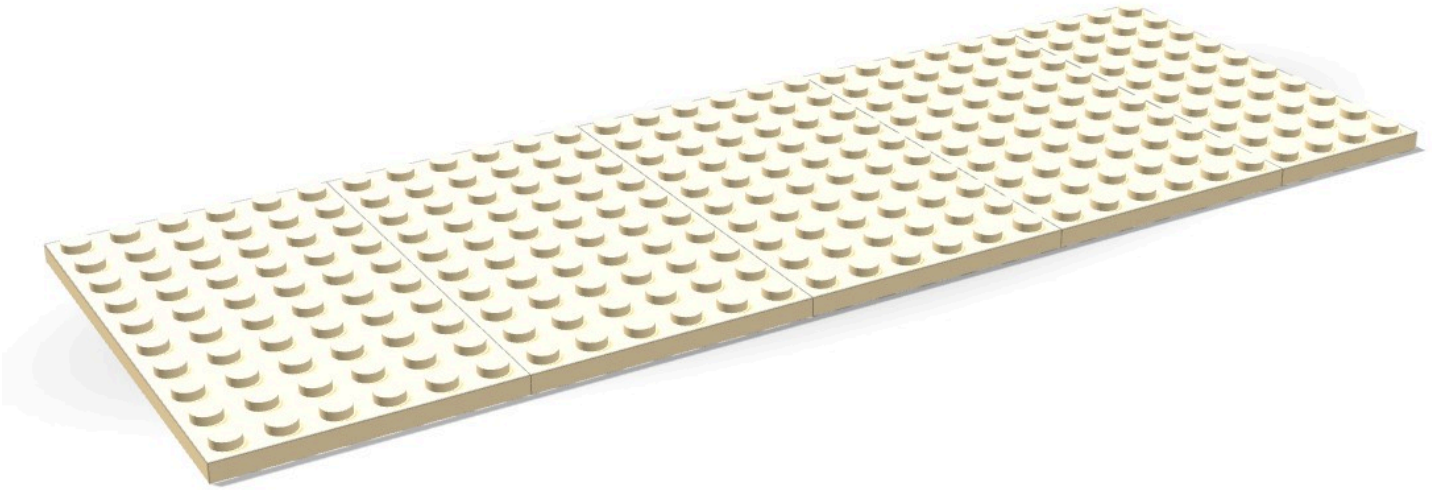
4x



1x

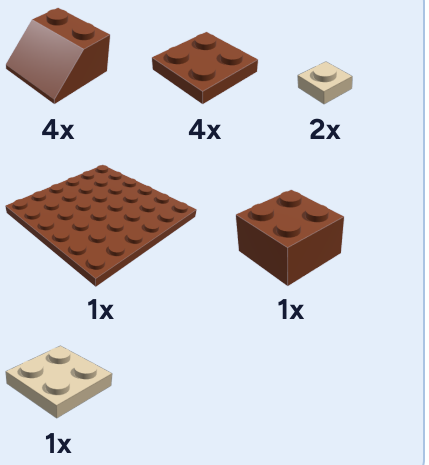
Building site

Lay a tan 4×10 plate and four 6×10 plates end to end: the ground for the dig.



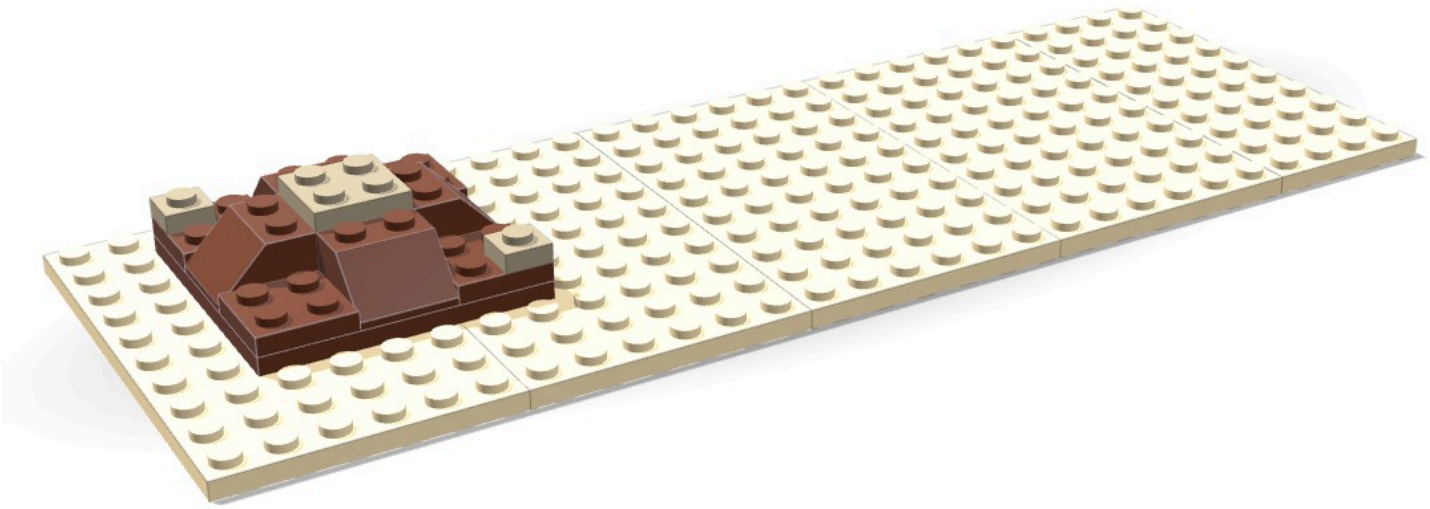
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2



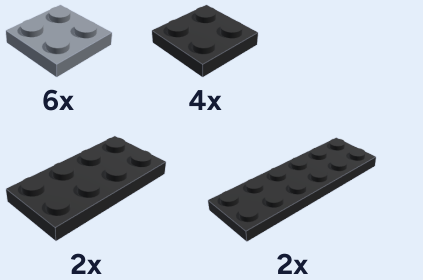
Dirt pile

A reddish-brown mound at the front end: a core brick, four slopes, four corner plates and dark-tan fresh dirt on top.



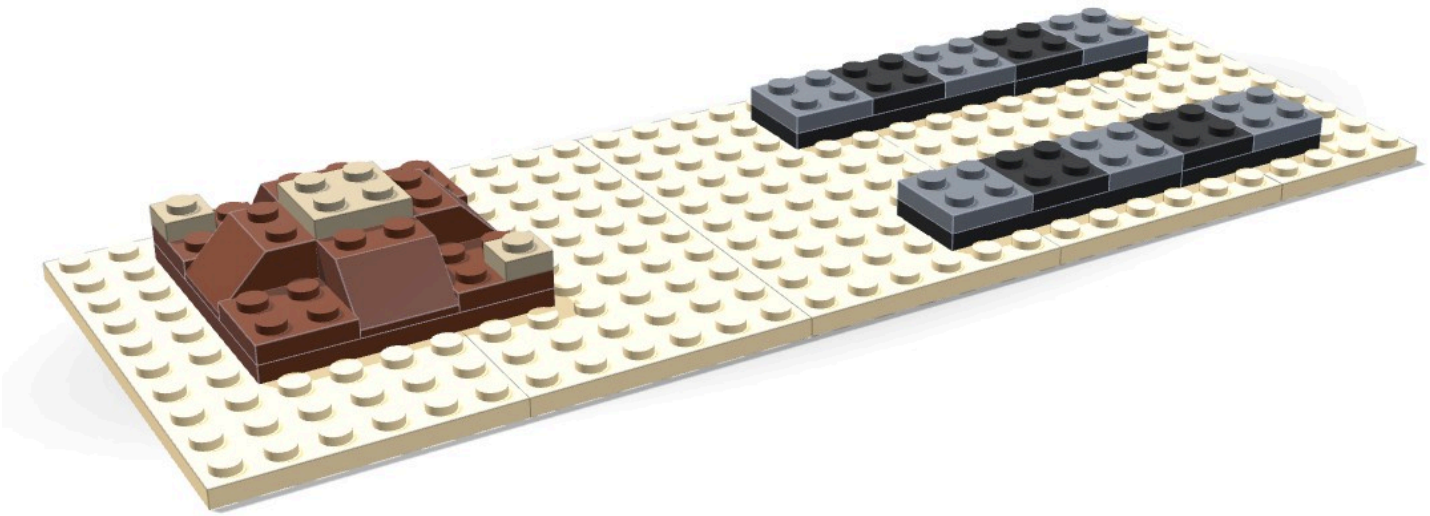
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3



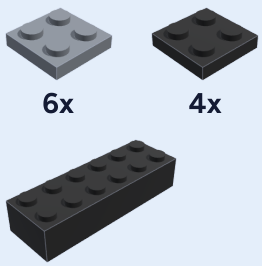
Track bottoms

Two black bottom runs, then the first layer of dark-gray rollers with black links between them.



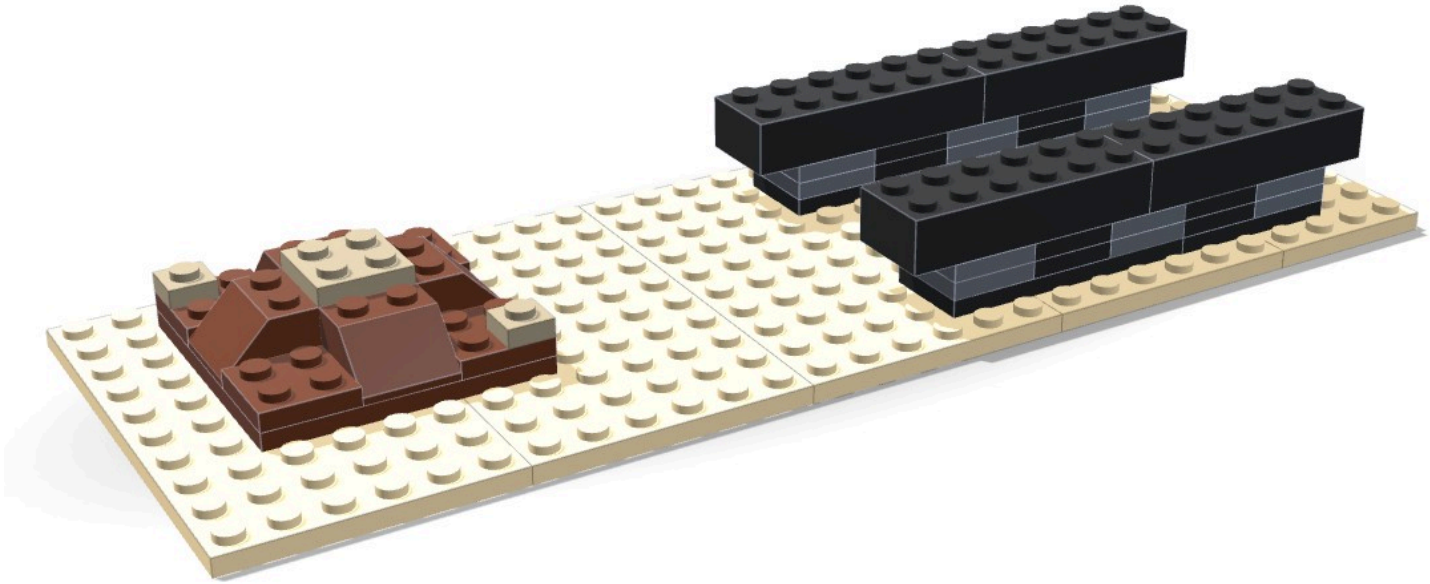
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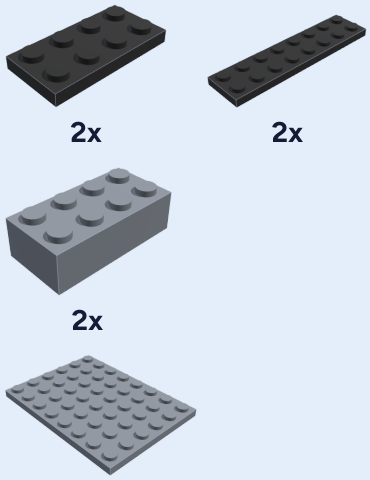
Track blocks

A second roller layer, then a long black brick block on each track, one stud longer at both ends.



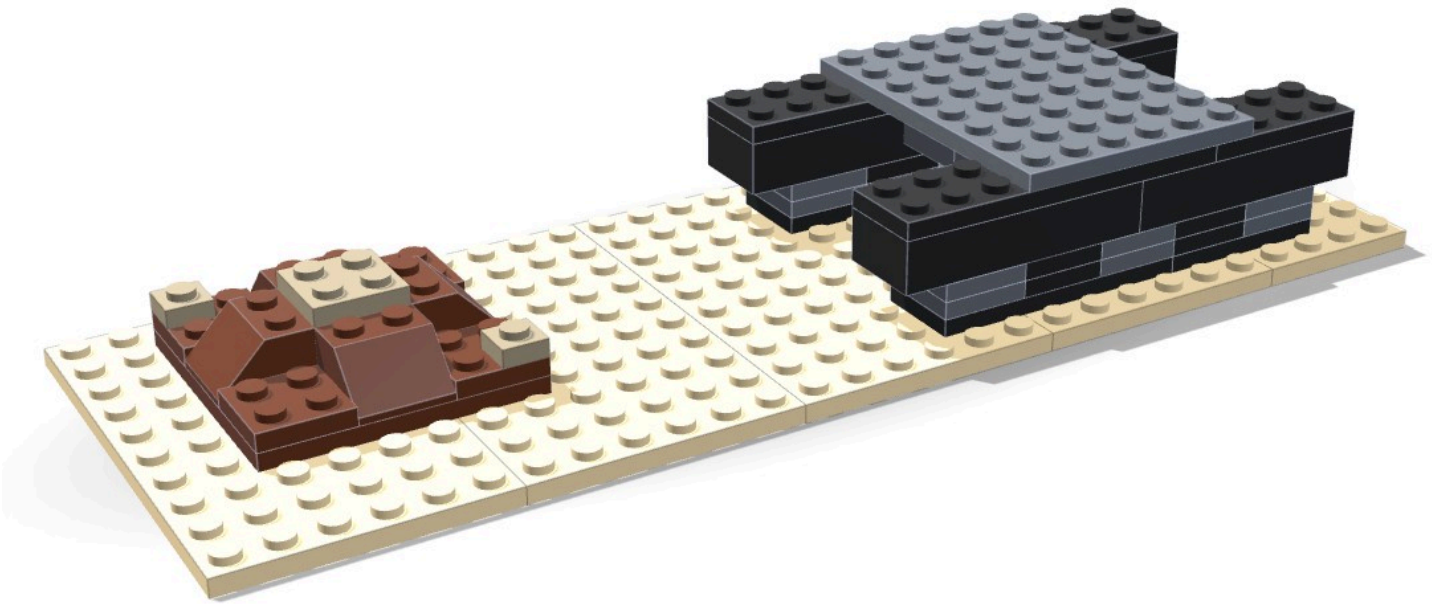
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5



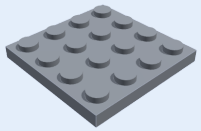
Undercarriage

Black top runs, the dark-gray car body across both tracks and the block hanging under it.

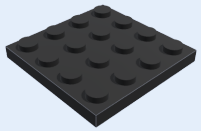


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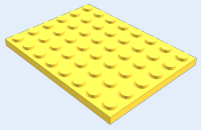
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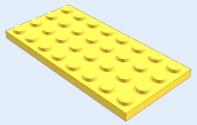
1x



1x



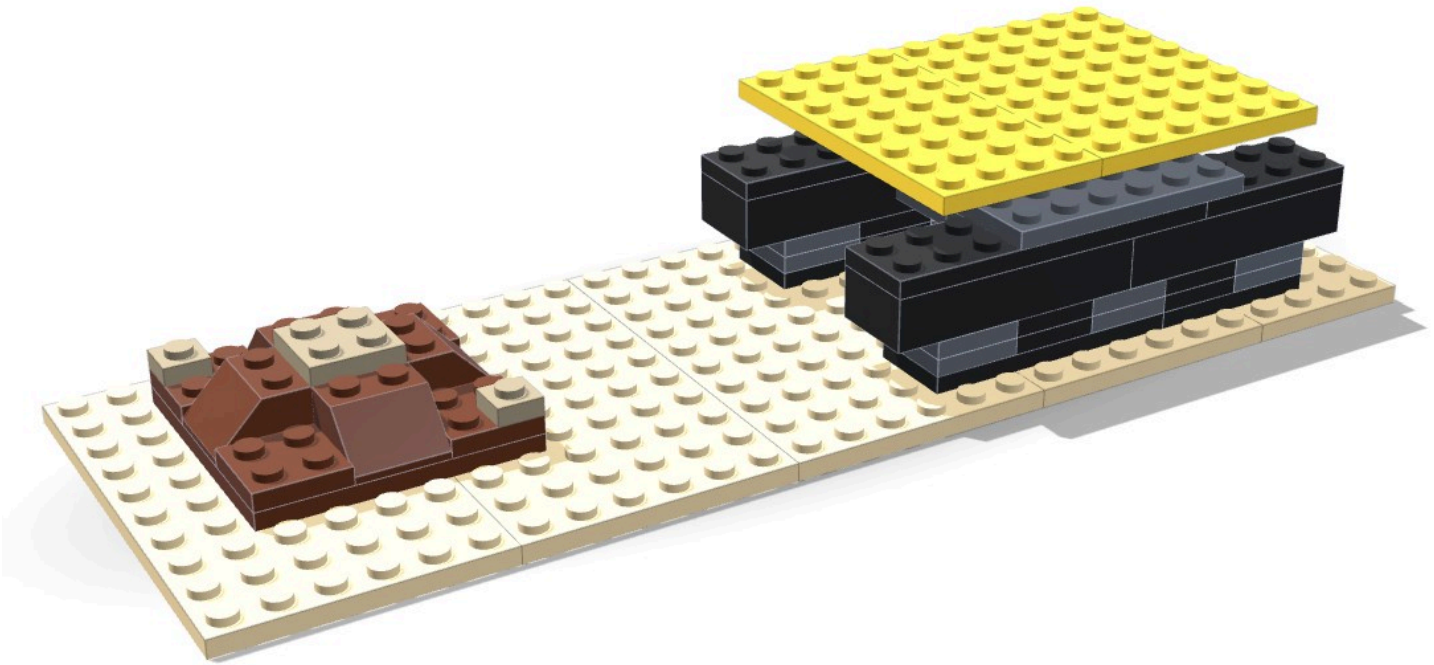
1x



1x

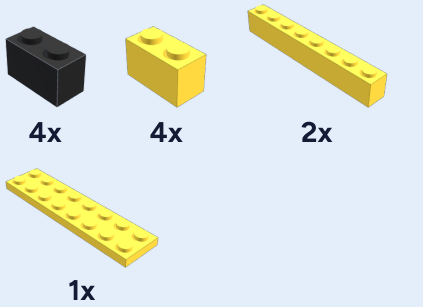
Turntable and floor

A dark-gray and black turntable, then the wide yellow house floor that overhangs it all round.



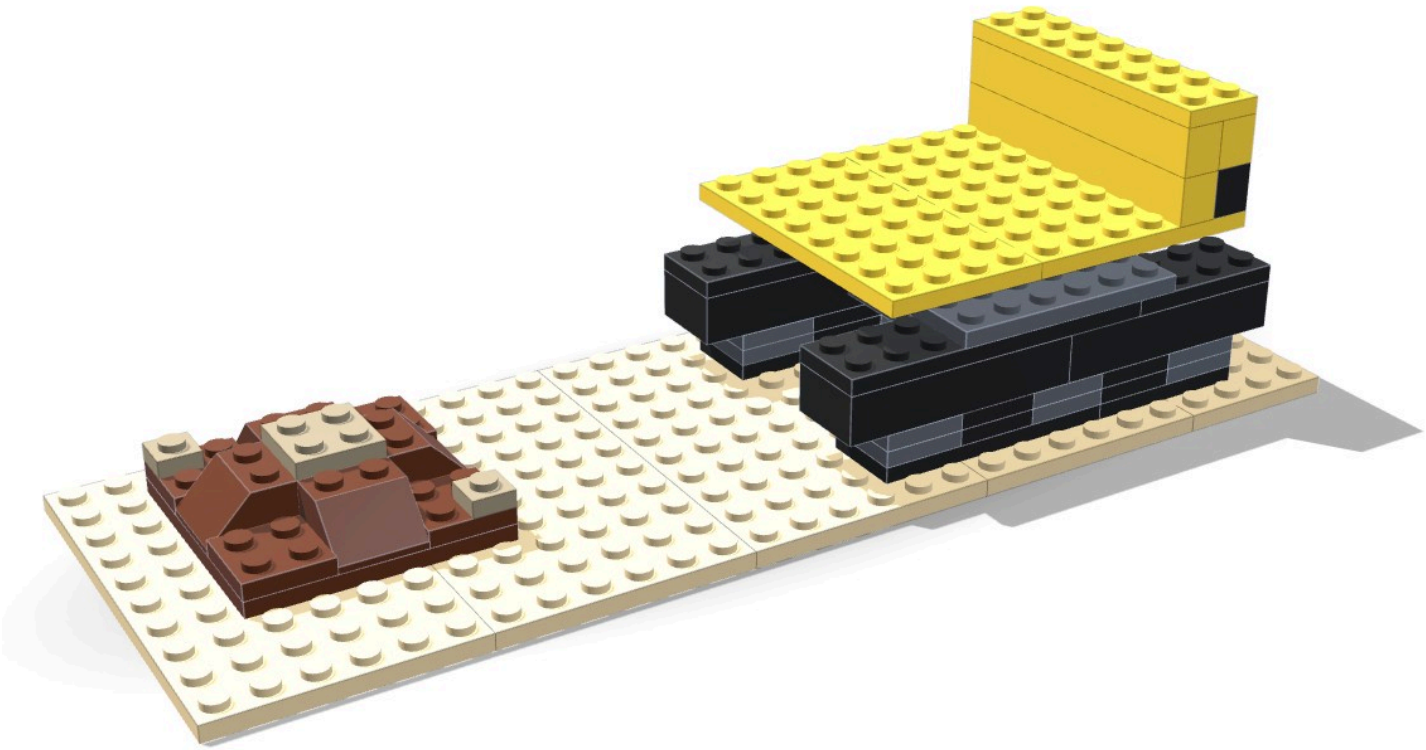
STEP

7



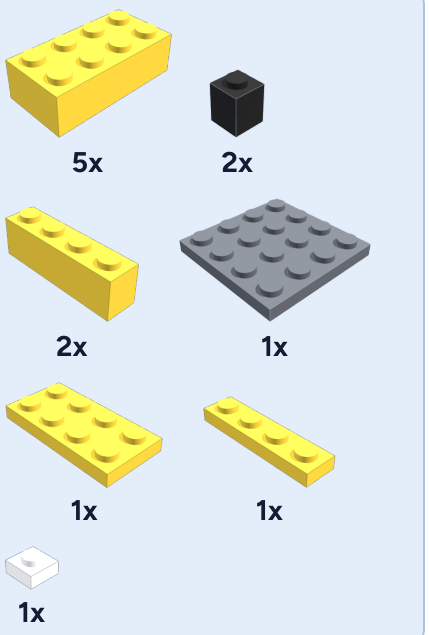
Counterweight

Black and yellow bricks swap places on the two layers to paint hazard stripes on the back.



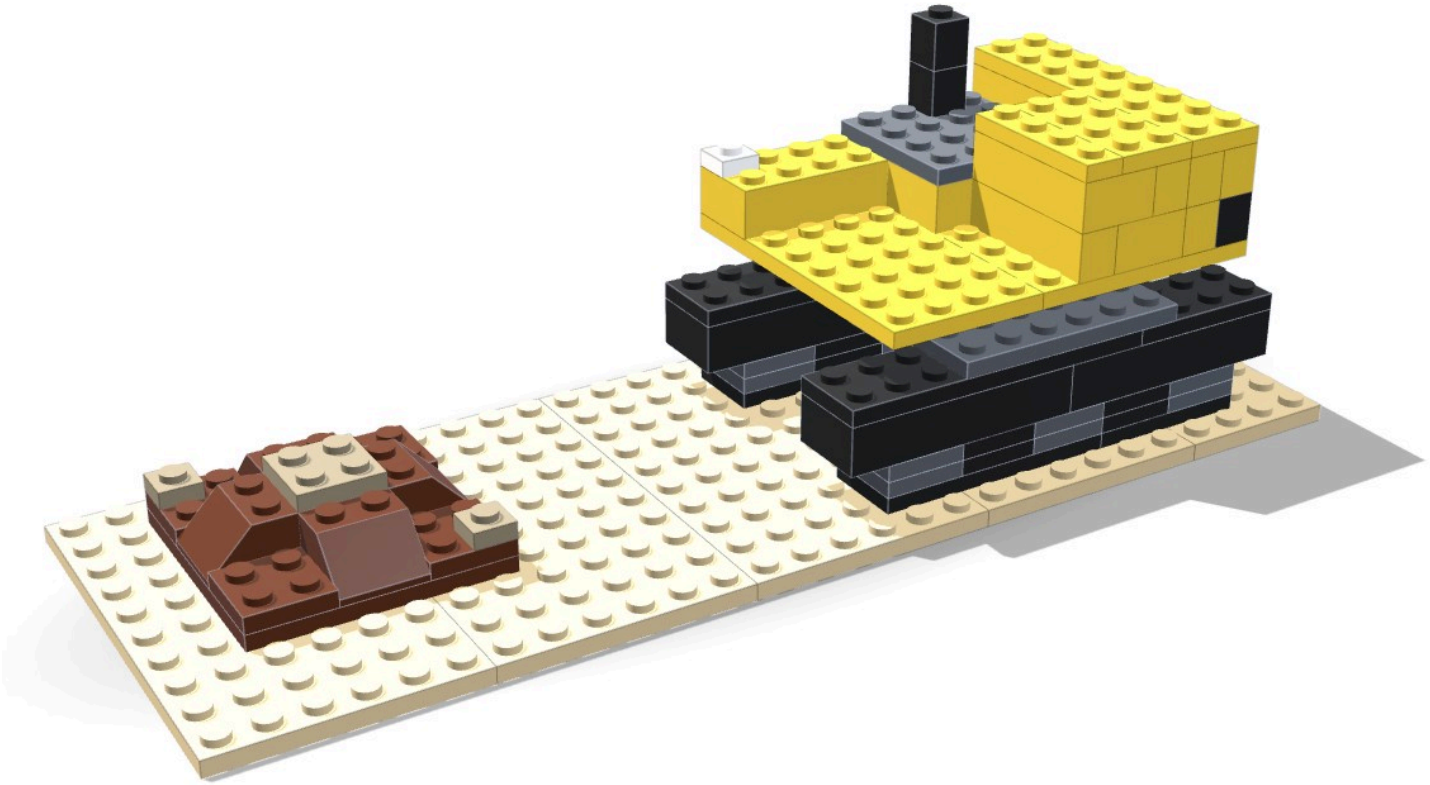
STEP

8



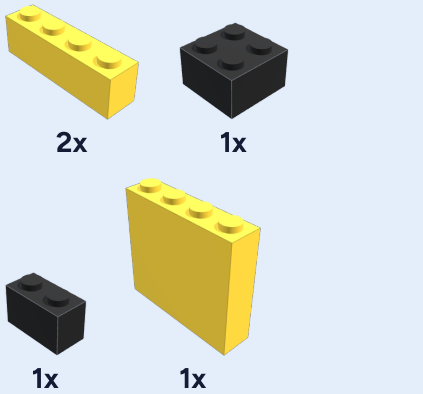
Engine and body

The engine with its gray grille and black exhaust, the body behind the cab and the side box with a headlight.



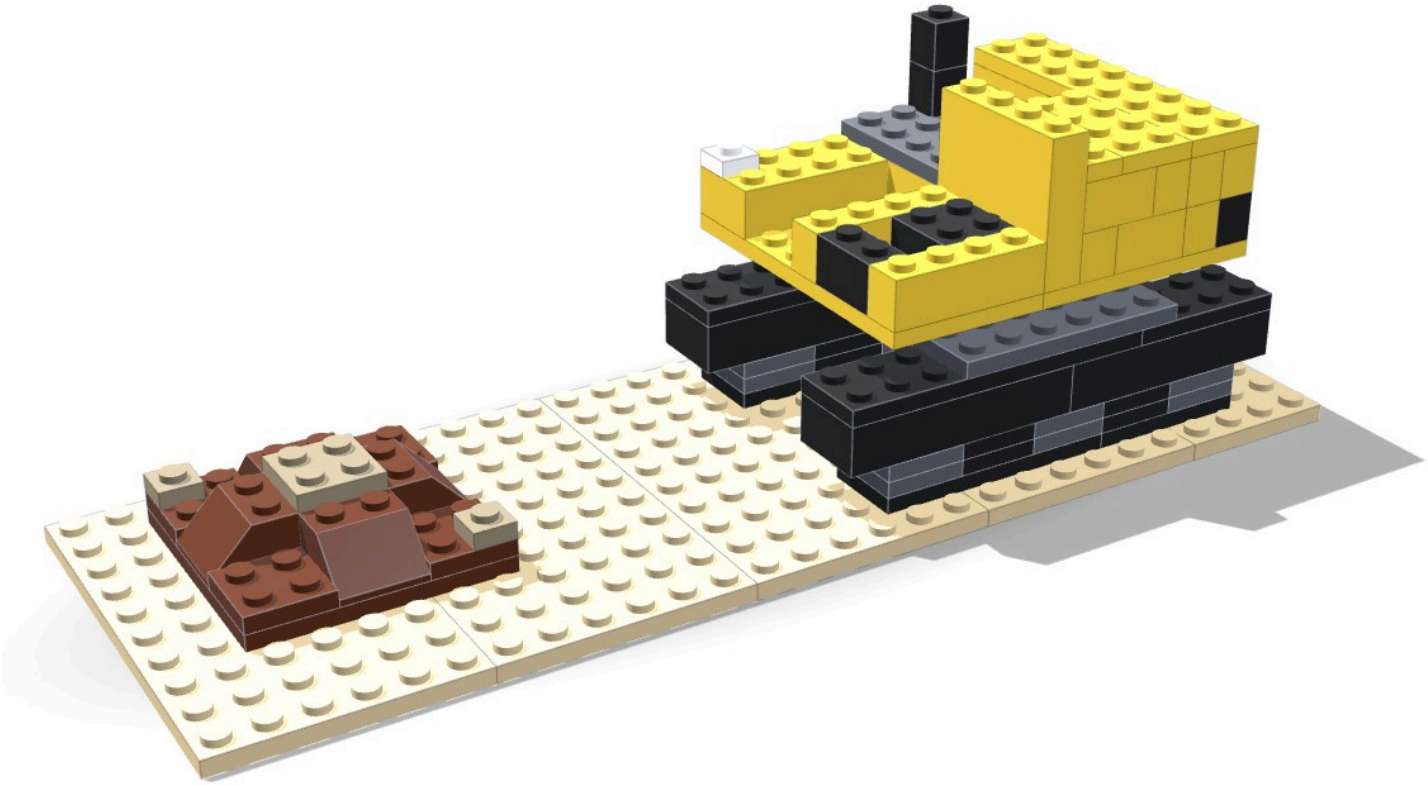
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9



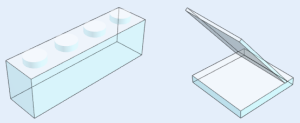
Cab floor

The cab walls, the black seat and the dashboard.



STEP

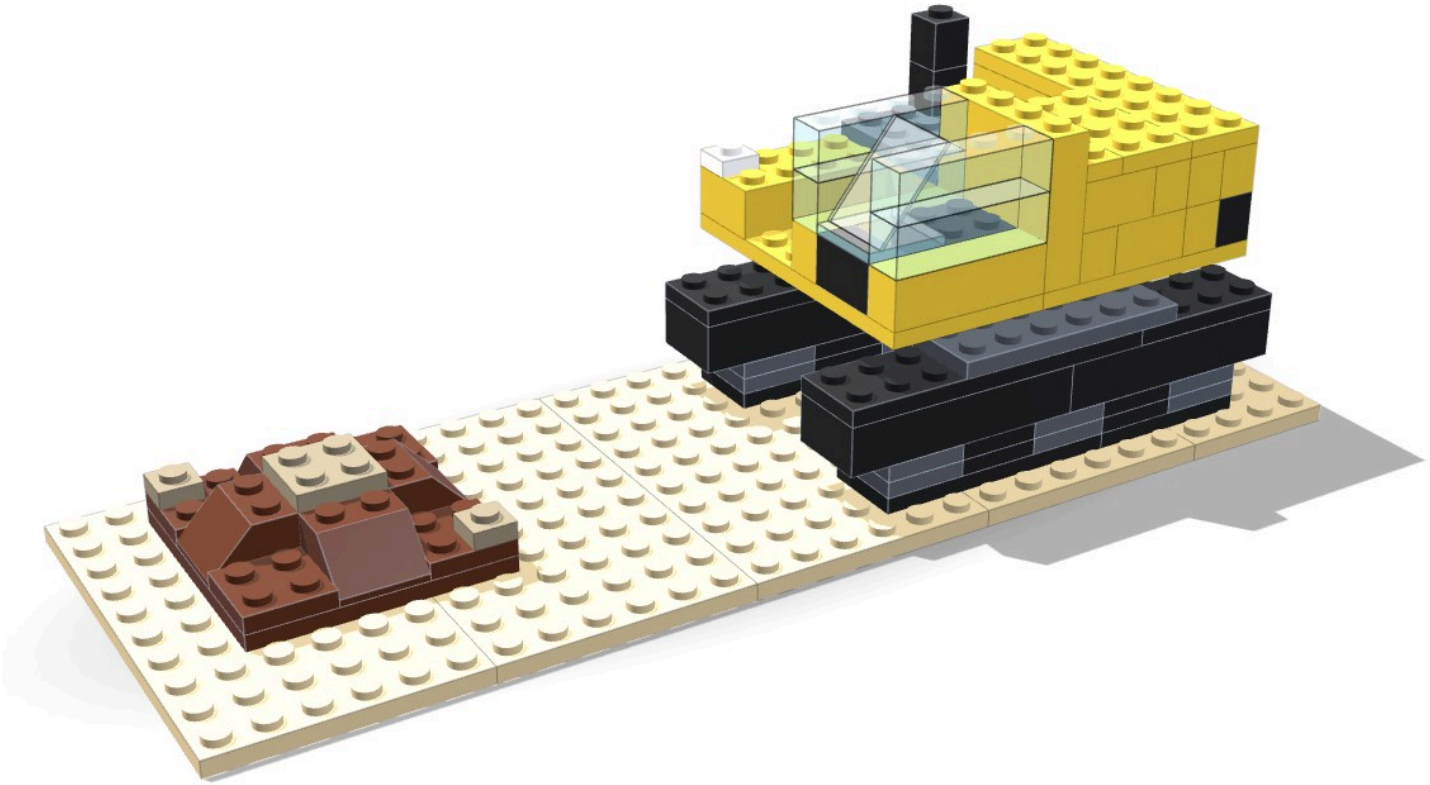
10



4x 1x

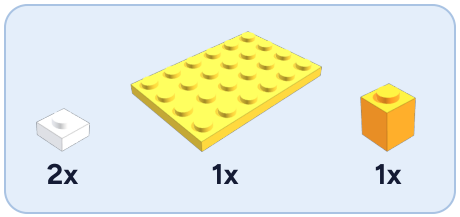
Windows

Light-blue side windows two bricks tall, the yellow back wall and the windscreen on the dashboard.



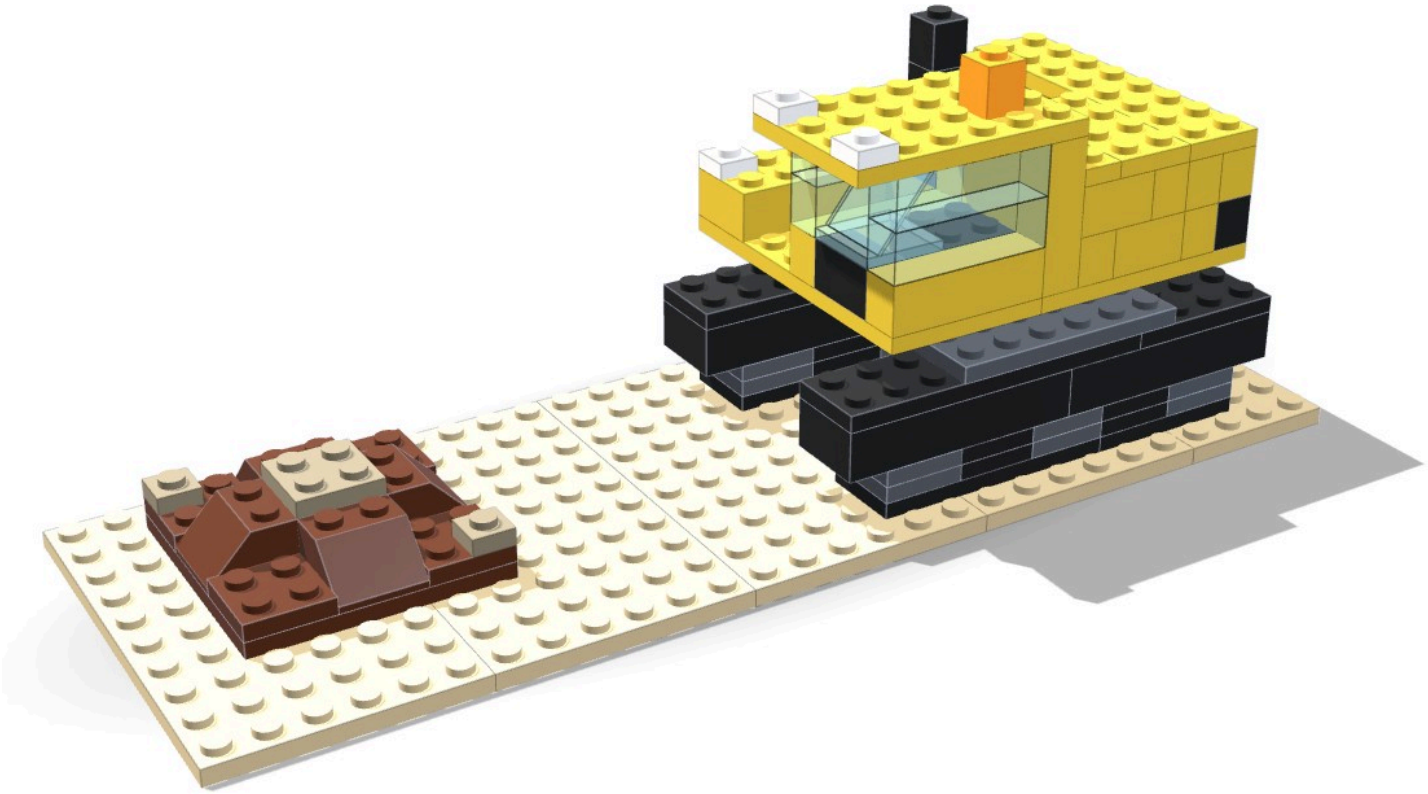
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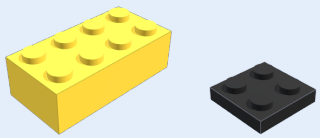
Cab roof

The roof sticks out over the windscreen; two work lights and an orange beacon go on top.



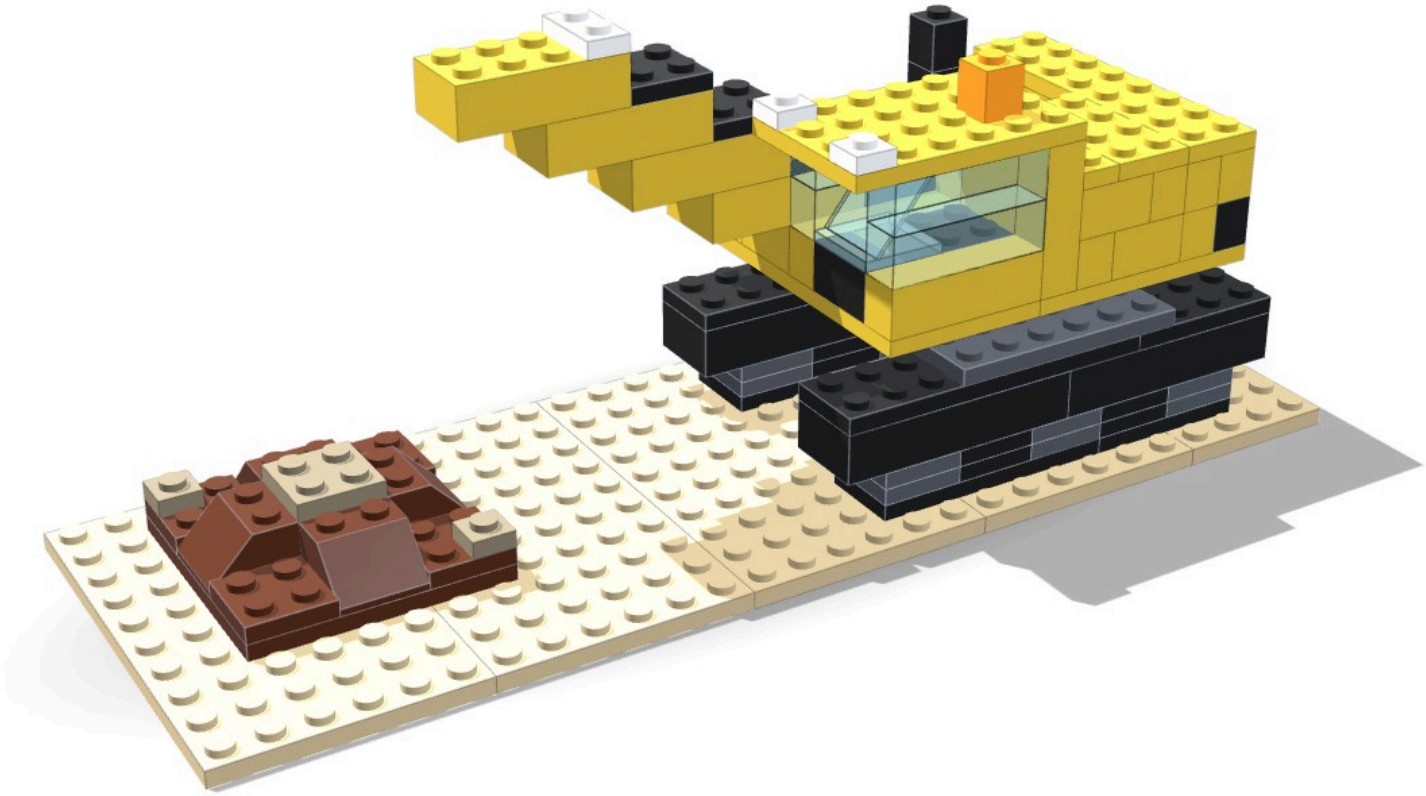
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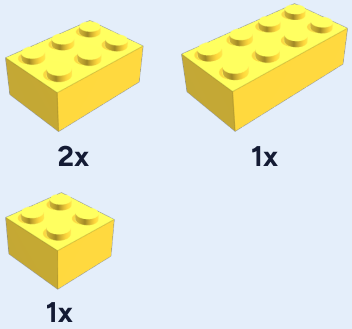
Boom

The boom foot beside the cab, then four bricks, each two studs further out and one brick higher, with black treads on the steps.



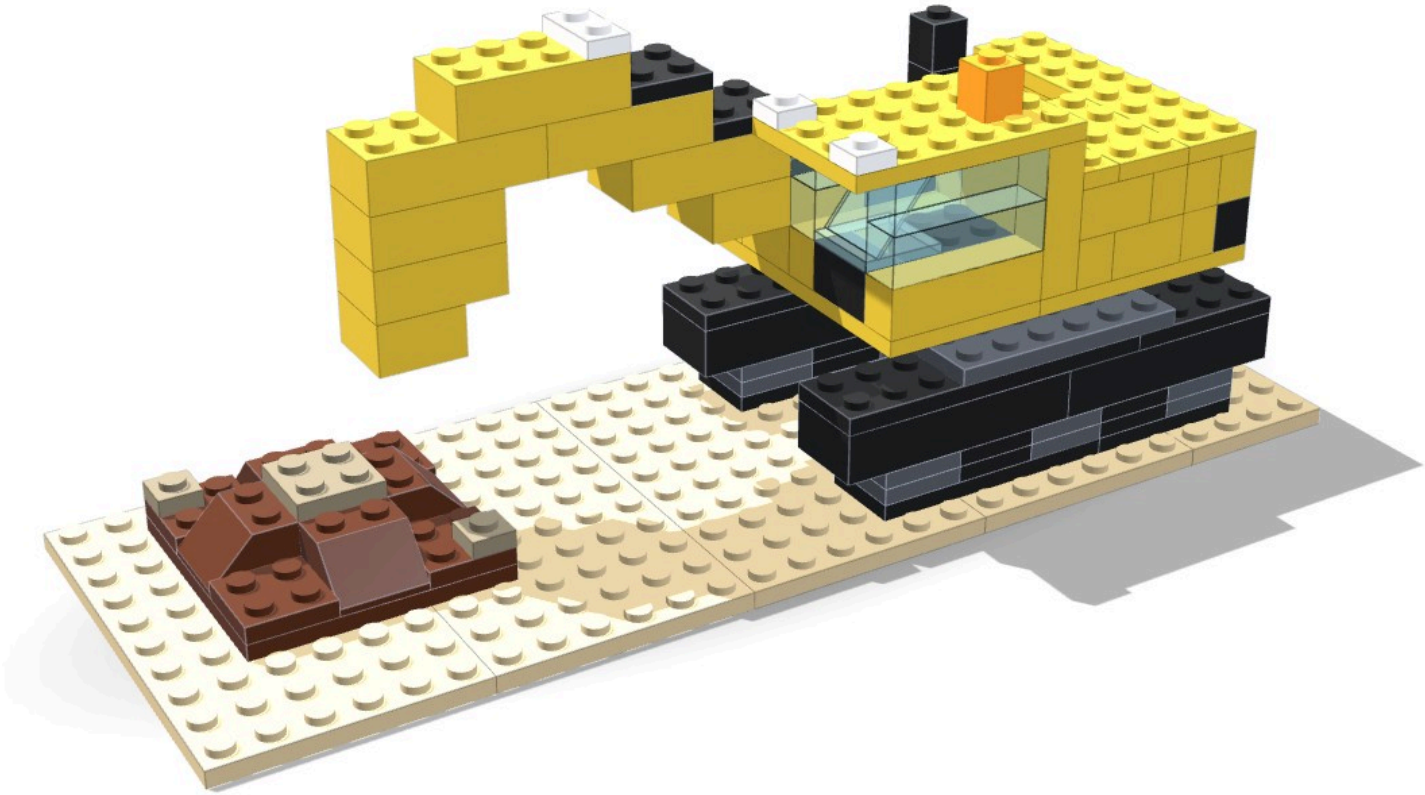
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13



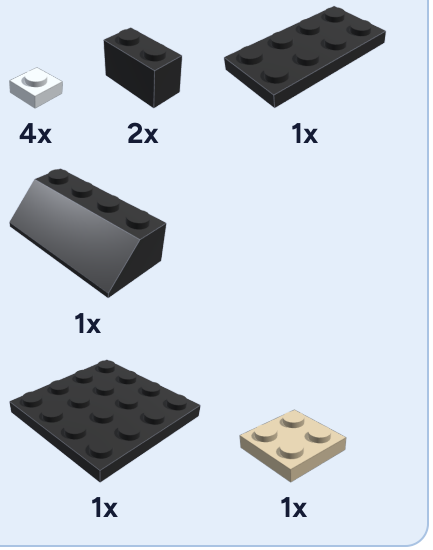
Stick

Four bricks hang down from the boom tip, each one clipped under the brick above it.



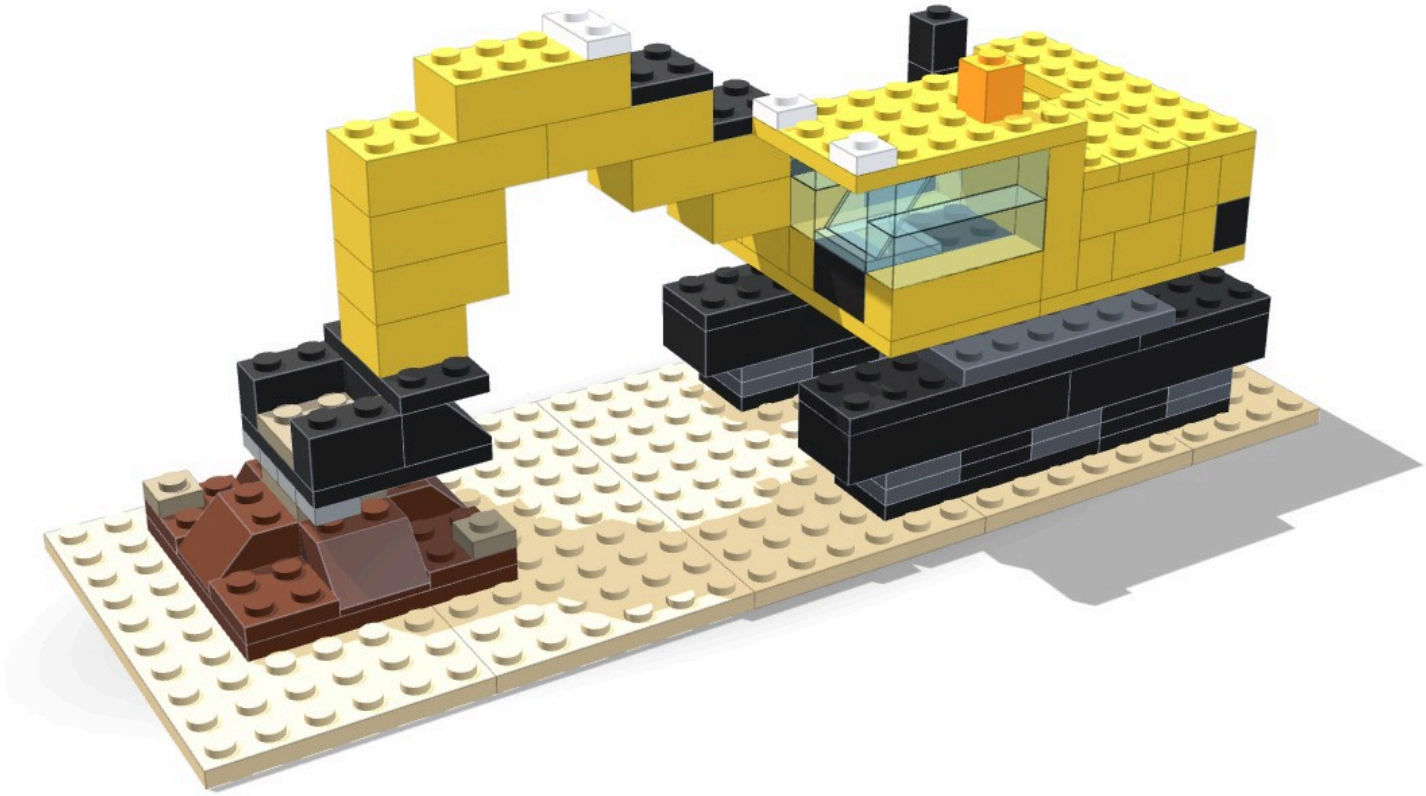
STEP

14



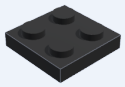
Bucket

The black bucket under the stick: hinge plate, rounded back, floor, two side walls, a scoop of dirt and four steel teeth biting into the pile.



Parts list

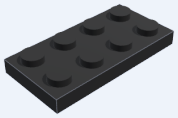
119 pieces, 41 kinds. Any similar colour works.



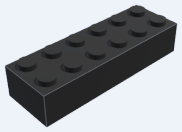
12x
2×2 plate, black



7x
1×2 brick, black



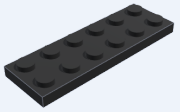
5x
2×4 plate, black



4x
2×6 brick, black



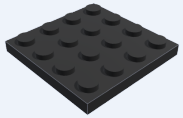
2x
1×1 brick, black



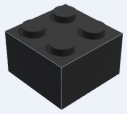
2x
2×6 plate, black



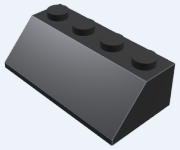
2x
2×8 plate, black



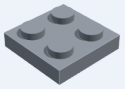
2x
4×4 plate, black



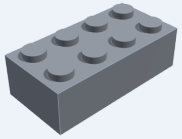
1x
2×2 brick, black



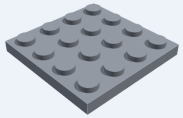
1x
2×4 slope 45°, black



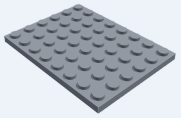
12x
2×2 plate, dark bluish gray



2x
2×4 brick, dark bluish gray



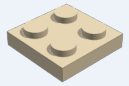
2x
4×4 plate, dark bluish gray



1x
6×8 plate, dark bluish gray



2x
1×1 plate, dark tan



2x
2×2 plate, dark tan



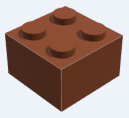
4x
1×1 plate, light bluish gray



4x
2×2 plate, reddish brown



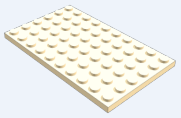
4x
2×2 slope 45°, reddish brown



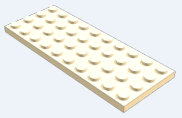
1x
2×2 brick, reddish brown



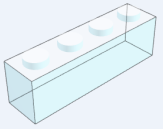
1x
6×6 plate, reddish brown



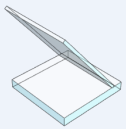
4x
6×10 plate, tan



1x
4×10 plate, tan



4x
1×4 brick, trans-light blue



1x
2×2×2 windscreen, trans-light blue



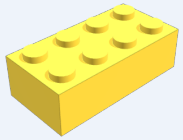
1x
1×1 brick, trans-orange



3x
1×1 plate, white



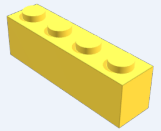
1x
1×2 plate, white



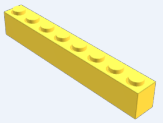
11x
2×4 brick, yellow



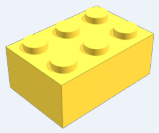
4x
1×2 brick, yellow



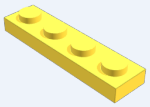
4x
1×4 brick, yellow



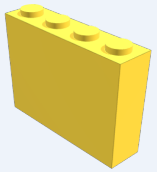
2x
1×8 brick, yellow



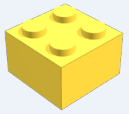
2x
2×3 brick, yellow



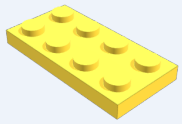
1x
1×4 plate, yellow



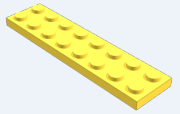
1x
1×4×3 brick, yellow



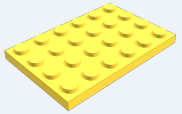
1x
2×2 brick, yellow



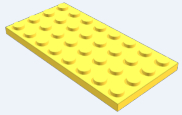
1x
2×4 plate, yellow



1x
2×8 plate, yellow



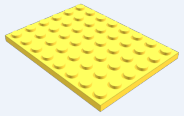
1x
4×6 plate, yellow



1x
4×8 plate, yellow

Parts list (continued)

119 pieces, 41 kinds. Any similar colour works.



1x
6×8 plate, yellow

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