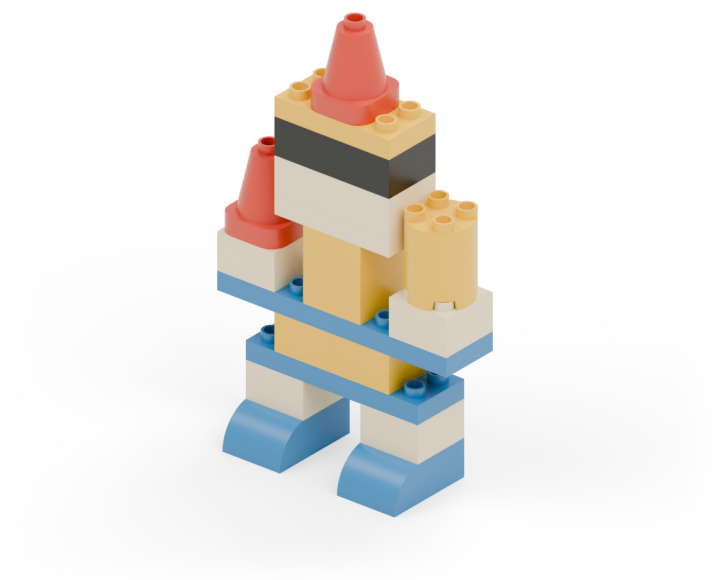
Robot workshop

18 pieces | 10 steps

A blue-footed robot with a bright body, dark visor and interchangeable hand tools. Lift off its head or swap its tools to give your helper a new job.



Before you build

Find the right shape

Match the shape, size and colour to the parts pictures. A stud is a round bump on top. Count rows and columns from one edge.

Follow the pictures

New pieces keep their full colour. Earlier pieces are lighter. Keep the front of the model facing you unless a step says to turn it.

Build and play together

Gather all the pieces first, then take each step at your own pace. Help your child press pieces together and lift removable parts gently.

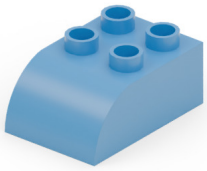
Gather pieces

Colours show the pictured version. Cream represents Tan and brown represents Reddish Brown. Match shapes and quantities first; other colour choices have not been checked for this edition.

2 × Red

2 × 2 cone

Part 47408



2 × Blue

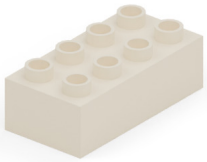
2 × 3 curved brick

Part 2302b

1 × Black

2 × 4 brick

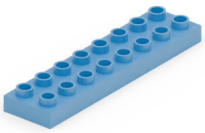
Part 3011



1 × Cream

2 × 4 brick

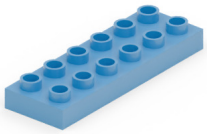
Part 3011



1 × Blue

2 × 8 plate

Part 44524



1 × Blue

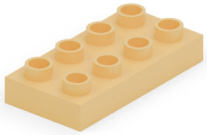
2 × 6 plate

Part 98233

1 × Cream

2 × 4 plate

Part 40666



1 × Yellow

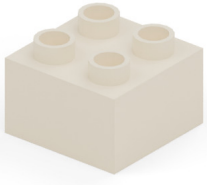
2 × 4 plate

Part 40666

1 × Yellow

2 × 2 round tower brick

Part 98225



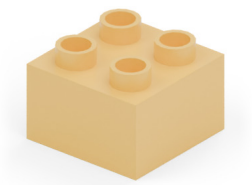
4 × Cream

2 × 2 brick

Part 3437

Gather pieces - continued

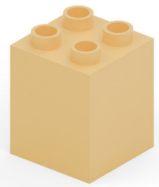
Colours show the pictured version. Cream represents Tan and brown represents Reddish Brown. Match shapes and quantities first; other colour choices have not been checked for this edition.



2 × Yellow

2 × 2 brick

Part 3437



1 × Yellow

2 × 2 double-height brick

Part 31110

Shape-only checklist

Use this list to check the shapes and total quantities. Colours stay as listed on the previous pages.

[ ] 2 × 2 × 2 cone

[ ] 2 × 2 × 3 curved brick

[ ] 2 × 2 × 4 brick

[ ] 1 × 2 × 8 plate

[ ] 1 × 2 × 6 plate

[ ] 2 × 2 × 4 plate

[ ] 1 × 2 × 2 round tower brick

[ ] 6 × 2 × 2 brick

[ ] 1 × 2 × 2 double-height brick

Total: 18 pieces

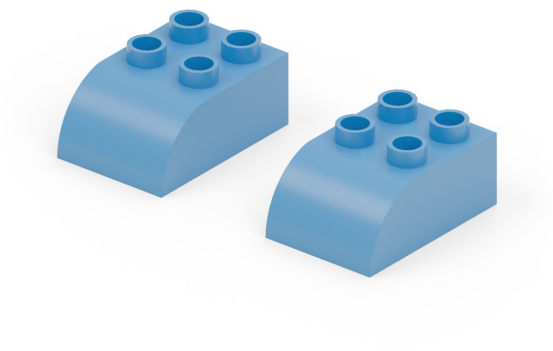
The head and tools detach at ordinary stud connections. The arms and legs do not bend.

The two tools share a 2 × 2 connection so they can swap places. Rebuild the head using the same shapes.

Build

Step 1 of 10

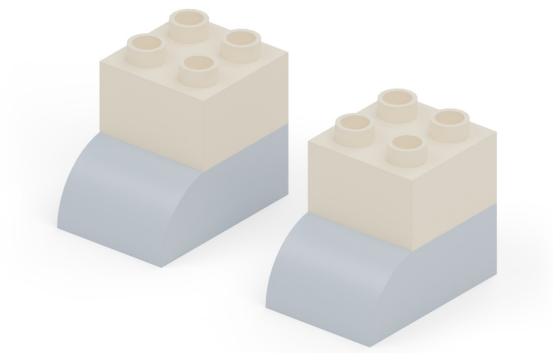
2 × blue 2 × 3 curved brick



Set two blue curved bricks side by side, rounded toes towards you. Leave a two-stud gap between them.

Step 2 of 10

2 × cream 2 × 2 brick

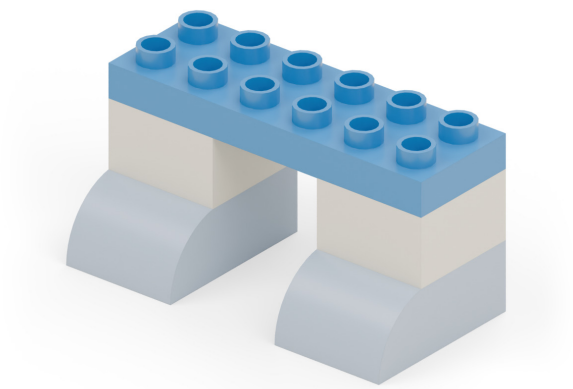


Put a cream square brick on the flat two rows at the back of each foot.

Build

Step 3 of 10

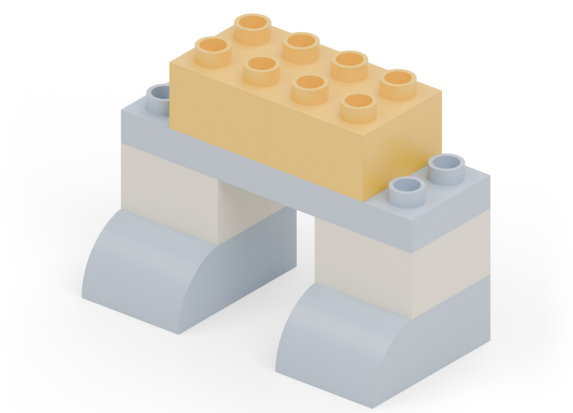
1 × blue 2 × 6 plate



Join the legs with the blue 2 × 6 plate laid across them. Its ends line up with the outer edges of the legs.

Step 4 of 10

2 × yellow 2 × 2 brick

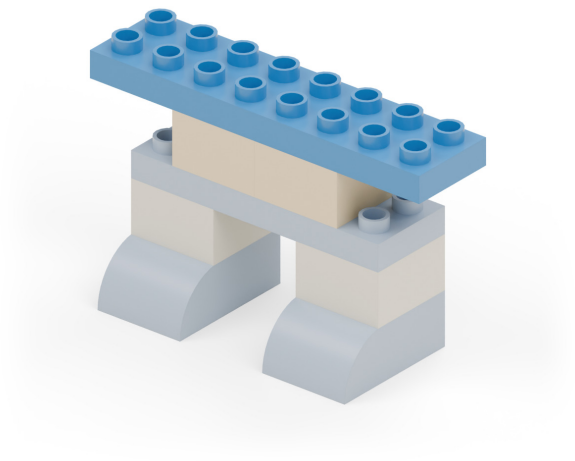


Centre two yellow square bricks side by side on the hip plate. Leave one blue stud column visible at each end.

Build

Step 5 of 10

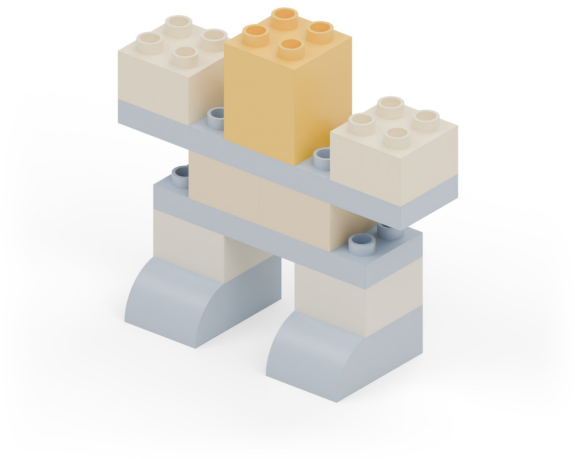
1 × blue 2 × 8 plate



Centre the blue 2 × 8 plate across the yellow body. It extends two stud columns beyond the yellow body on each side.

Step 6 of 10

1 × yellow 2 × 2 double-height brick; 2 × cream 2 × 2 brick

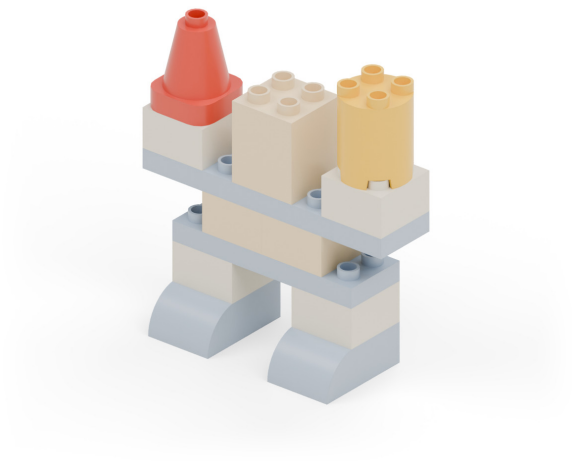


Stand the yellow double-height square in the middle of the shoulder plate. Add a cream square at each outer end as the two hands. Leave one blue stud column between each hand and the chest.

Build

Step 7 of 10

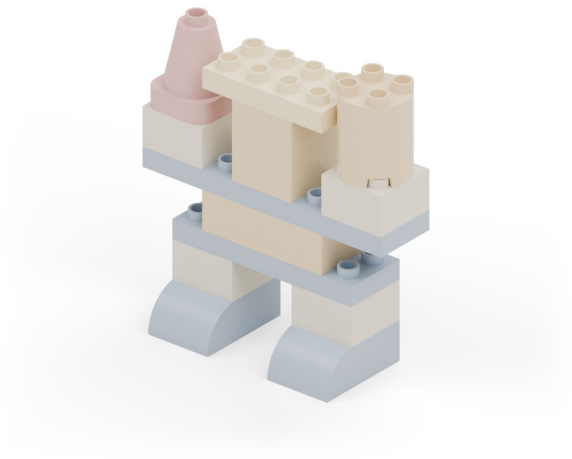
1 × red 2 × 2 cone; 1 × yellow 2 × 2 round tower brick



Put a red cone on the left hand and a yellow round tower brick on the right. These two tools can swap places.

Step 8 of 10

1 × cream 2 × 4 plate

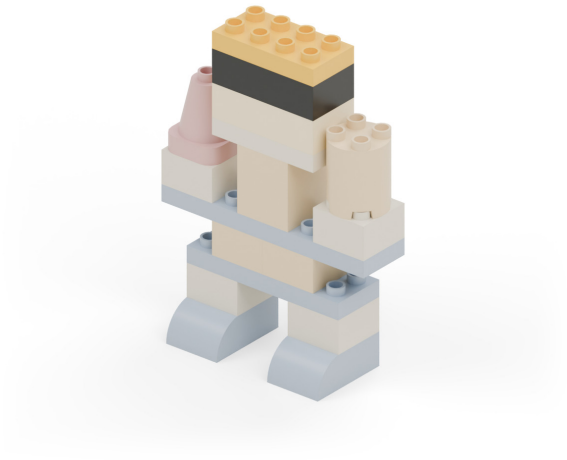


Centre the cream 2 × 4 plate across the top of the yellow chest. It projects one stud column to each side.

Build

Step 9 of 10

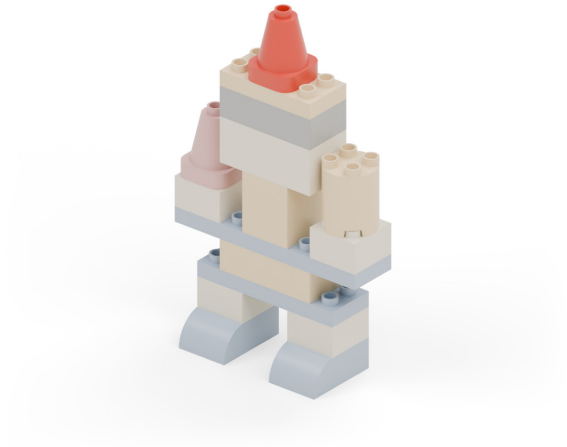
1 × cream 2 × 4 brick; 1 × black 2 × 4 brick; 1 × yellow 2 × 4 plate



Build the head with a cream 2 × 4 brick, then a black 2 × 4 brick for the visor. Cap it with a yellow 2 × 4 plate.

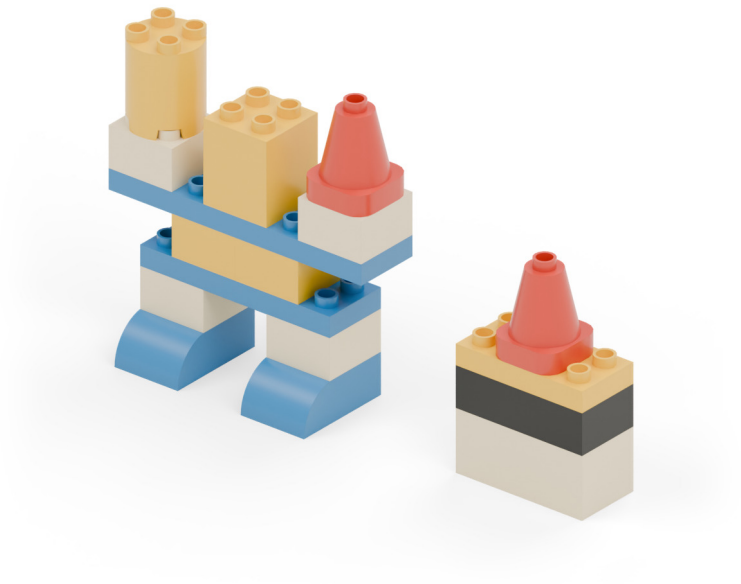
Step 10 of 10

1 × red 2 × 2 cone



Centre the red cone on the yellow head as an antenna. Try gently lifting the head plate with an adult to detach the complete head.

Ready to play



The tools have swapped hands. The complete head rests beside the robot, ready to put back.

1. Swap the red and yellow tools. Give your robot a different pretend job.
2. Lift the complete head by its cream base, then put it back on the body.
3. Send your robot to help at a harbour, in a garden or on a paper planet.

The head and tools detach at ordinary stud connections. The arms and legs do not bend.

The two tools share a 2 × 2 connection so they can swap places. Rebuild the head using the same shapes.

Sources and credits

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