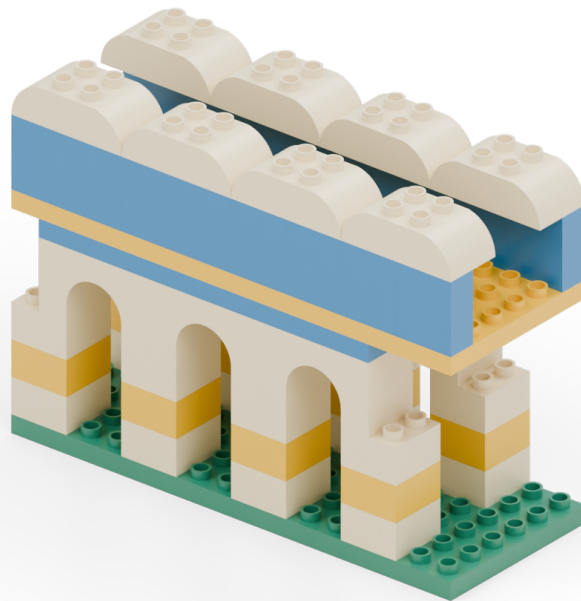


BUILD TOGETHER

Grand viaduct

66 pieces / 11 steps

Rows of cream arches support a long raised walkway. Build the matching pillars and join them with the deck for a satisfying larger project.



A little model, a little story

Count the arches from both sides.

Imagine what lies beneath the bridge.

Tell a story about someone crossing the walkway.

Digital guide; no bricks included. Make it together with an adult.

GETTING STARTED

Before you build

Match the shapes

Compare each part with its picture and count its rows of studs. A square brick has two rows of two studs; a long brick has two rows of four. Use the full parts list for the exact shapes and quantities.

Follow the colours

Match the shapes and quantities. The pictures show our colours. Colour names in the steps refer to the pictures. Keep contrasting colours where they help you recognise the model.

Count the studs

The bumps on top are called studs. Count them when a step asks for a gap or an overhang. Put the build on a flat surface and keep its front facing the same way as in the pictures.

Add a little at a time

New pieces keep their colour in each step. Earlier pieces look lighter so you can see what has changed. Each list tells you exactly what to add.

Build together

An adult can read the steps while a child finds the pieces. The counts are for this one model. For two models to stay built, add their parts lists together.

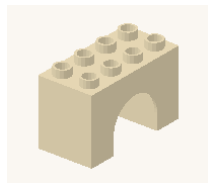
About this build

This is a model bridge with fixed rails. No matching vehicle clearance has been checked.

GATHER YOUR PIECES

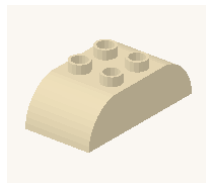
Exact parts checklist

Match the shapes and quantities. The pictures show our colours. Choose your own colours for the same parts; changing a part's shape is a different substitution.

**6 x Arch brick (2 × 4 studs)**

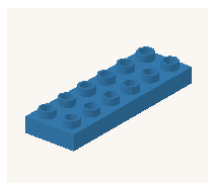
Cream

Part 11198

**8 x Double curved brick (2 × 4 studs)**

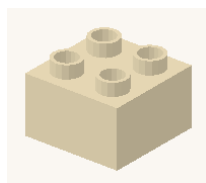
Cream

Part 98223b

**4 x Medium plate (2 × 6 studs)**

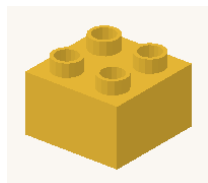
Blue

Part 98233

**16 x Square brick (2 × 2 studs)**

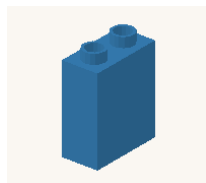
Cream

Part 3437

**8 x Square brick (2 × 2 studs)**

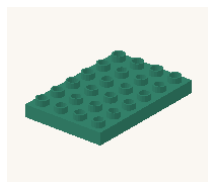
Yellow

Part 3437

**16 x Wall brick (1 × 2 studs, double height)**

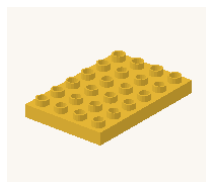
Blue

Part 4066b

**4 x Wide plate (4 × 6 studs)**

Green

Part 25549

**4 x Wide plate (4 × 6 studs)**

Yellow

Part 25549

GATHER YOUR PIECES

Shape-only checklist

Use this list to sort the shapes. Check the full colour list before building; the two lists count the same pieces.

[] 6 x Arch brick (2 × 4 studs)

[] 8 x Double curved brick (2 × 4 studs)

[] 4 x Medium plate (2 × 6 studs)

[] 24 x Square brick (2 × 2 studs)

[] 16 x Wall brick (1 × 2 studs, double height)

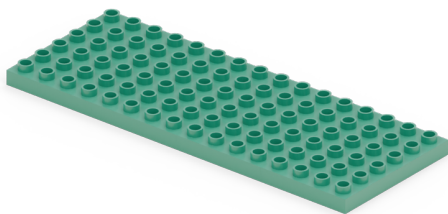
[] 8 x Wide plate (4 × 6 studs)

Total: 66 pieces

BUILD, ONE STEP AT A TIME

Step 1 - 2

01 / Set four green wide plates side by side to make a long sixteen-by-six-stud base.

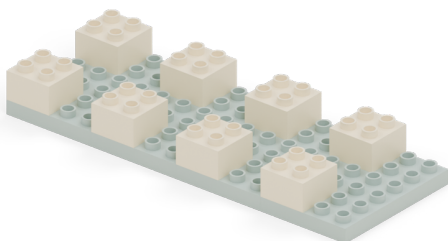


ADD THESE PIECES

4 x Wide plate (4 × 6 studs) (Green)

New pieces keep their colour. Earlier pieces are lighter.

02 / Start eight pillars with cream square bricks: four along the front edge and four along the back. Start at the left edge and leave two stud columns between neighbouring pillars.



ADD THESE PIECES

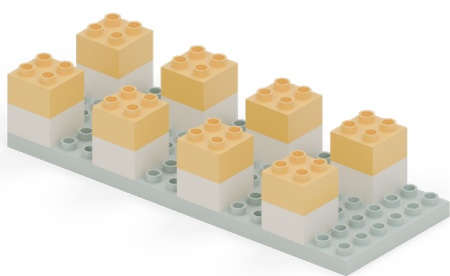
8 x Square brick (2 × 2 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 3 - 4

03 / Add one yellow square brick directly above each cream pillar. Keep the gaps between the pillars clear.

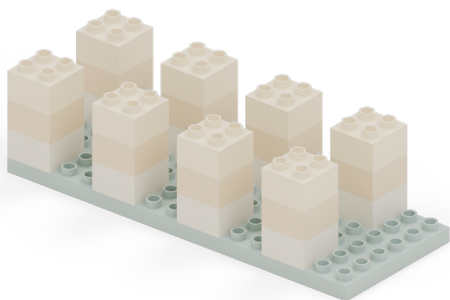


ADD THESE PIECES

8 x Square brick (2 × 2 studs) (Yellow)

New pieces keep their colour. Earlier pieces are lighter.

04 / Add one cream square brick directly above each yellow brick. All eight pillars should now be three bricks high.



ADD THESE PIECES

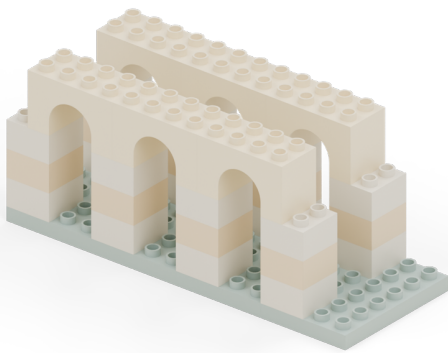
8 x Square brick (2 × 2 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 5 - 6

05 / Join the pillars with three cream arches along each side. Each arch starts one stud column in from its left pillar, sharing the middle pillars with its neighbour.

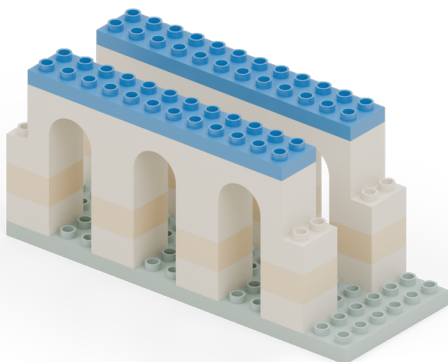


ADD THESE PIECES

6 x Arch brick (2 × 4 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

06 / Lay two blue medium plates end to end over each row of arches, starting one stud column in from the left edge.



ADD THESE PIECES

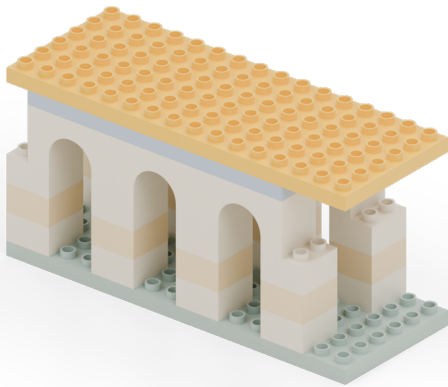
4 x Medium plate (2 × 6 studs) (Blue)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 7 - 8

07 / Bridge the front and back strips with four yellow wide plates, lined up over the base plates.

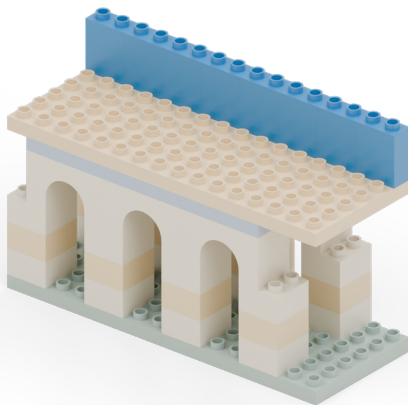


ADD THESE PIECES

4 x Wide plate (4 × 6 studs) (Yellow)

New pieces keep their colour. Earlier pieces are lighter.

08 / Add a row of blue wall bricks along the back edge of the deck, turned across the bridge.



ADD THESE PIECES

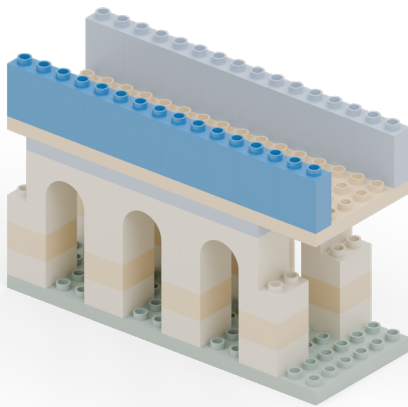
8 x Wall brick (1 × 2 studs, double height) (Blue)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 9 - 10

09 / Add a row of blue wall bricks along the front edge of the deck, turned across the bridge.

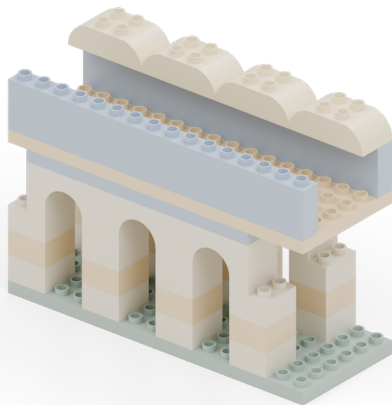


ADD THESE PIECES

8 x Wall brick (1 × 2 studs, double height)
(Blue)

New pieces keep their colour. Earlier pieces are lighter.

10 / Cap the back rail with four cream double-curved bricks. Their rounded ends follow the length of the bridge.



ADD THESE PIECES

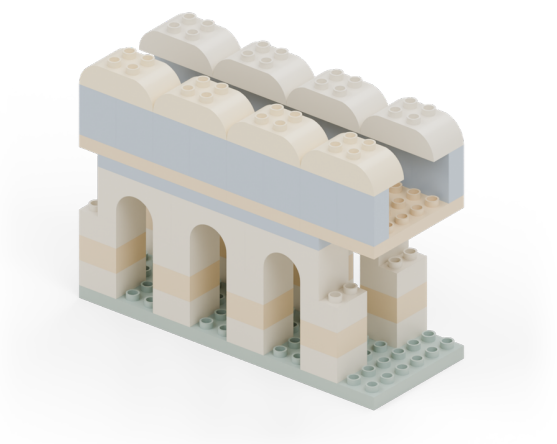
4 x Double curved brick (2 × 4 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 11

11 / Cap the front rail with four cream double-curved bricks. Their rounded ends follow the length of the bridge.



ADD THESE PIECES

4 x Double curved brick (2 × 4 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

READY TO PLAY

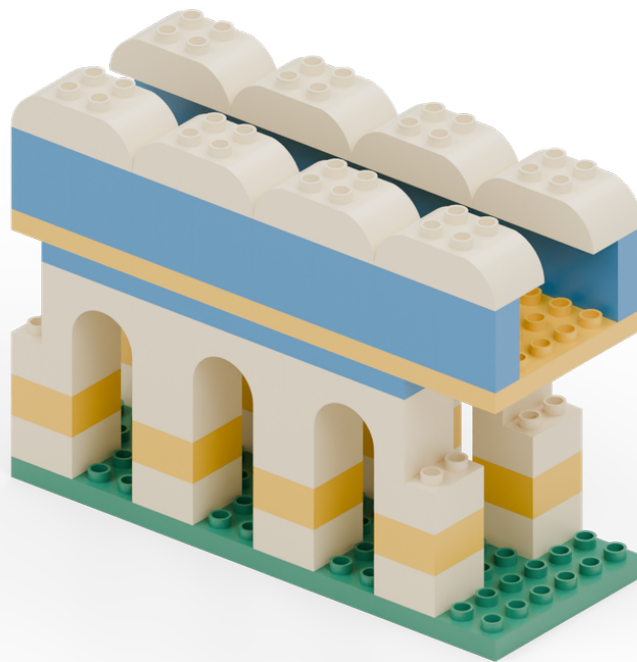
Your little story

Count the arches from both sides.

Imagine what lies beneath the bridge.

Tell a story about someone crossing the walkway.

This is a model bridge with fixed rails. No matching vehicle clearance has been checked.



SOURCES AND CREDITS

Part references

Original assembly. Part geometry adapted from the LDraw Parts Library; attribution and source notices retained. Colours are illustrative.

Source revision: 0f94417f8536e73a5b20530f71d71225304f5cde32e6853a319074915f4b3f94

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<https://library.ldraw.org/library/official/parts/98223b.dat>

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