

A little steam train for the brick yard

Completed-model guide: engine, coal tender and brick flatcar.

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THIS IS HOW THE PAPER PARTS FIT TOGETHER

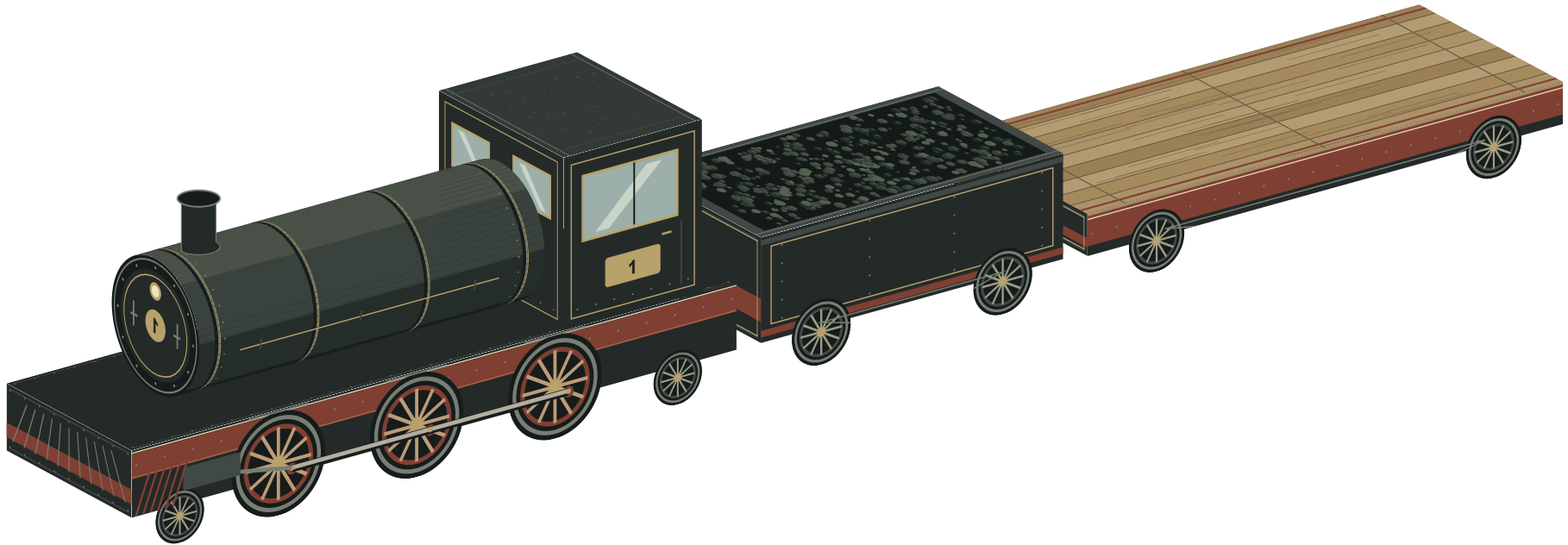


Illustration of the assembled paper models. Brick stacks are separate pieces.

BUILD ORDER

1. Build the engine chassis on page 2.
2. Add its cab from page 3.
3. Add the rolled boiler and chimney from page 4.
4. Build the coal tender and flatcar on pages 5 and 6.
5. Arrange the three cars with small gaps between them.

Use the separate 1 1/3-inch brick stacks as loads.

Created by the Restoring What Was Lost History Workshop

Representative industrial paper scenery; approximate scale, not a measured locomotive replica.

FINISHED SIZES

Engine: 7 in long x 2 in wide x about 3 in tall.

Tender: 3.5 x 2 x 1.5 in.

Flatcar: 5.5 x 2.3 x 0.8 in.

Whole train: 16 in before gaps.

1 INCH

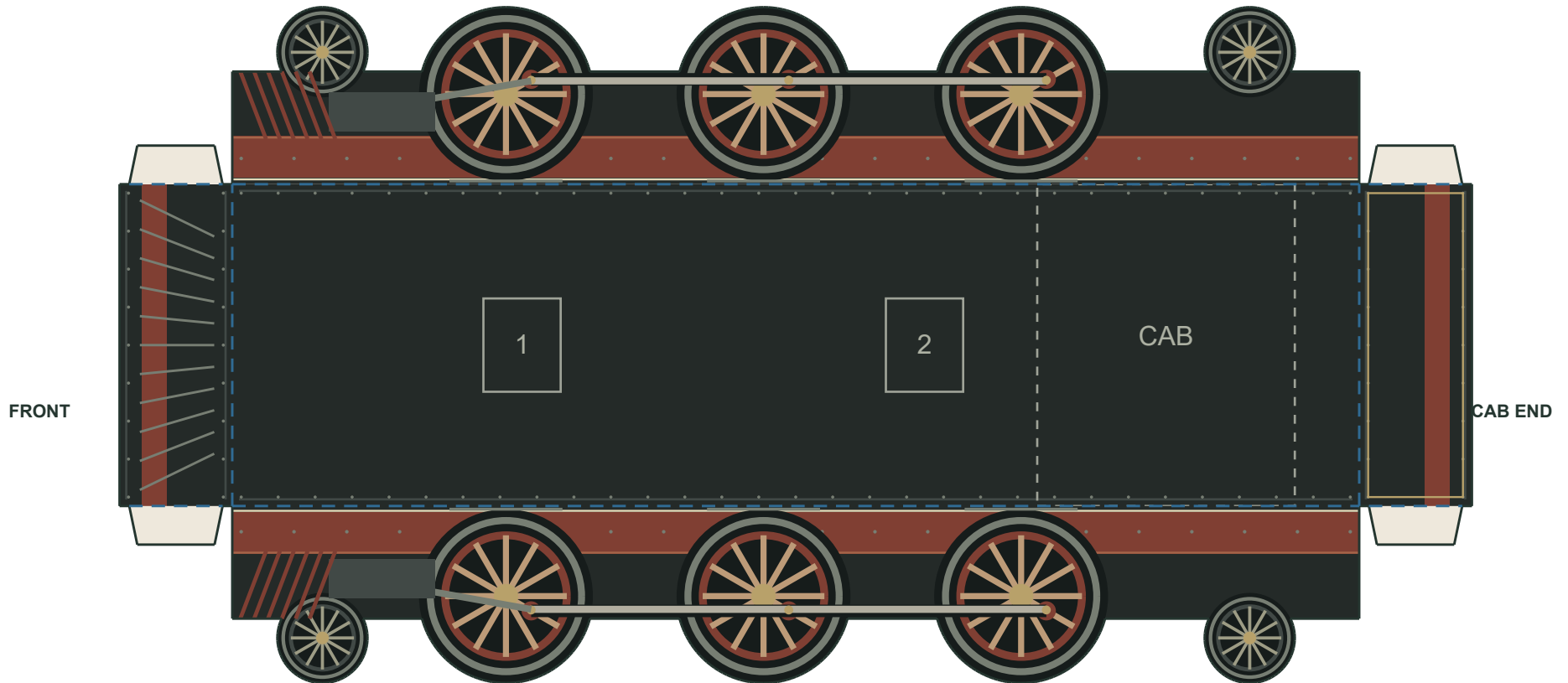
Check with a ruler

Steam engine: chassis

One complete base net. Both wheel sides remain attached to the deck.

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BUILD THE BASE

Score the blue dashed folds, then cut the full outside outline with all gray tabs.

Fold both wheel sides and both end panels down from the metal deck.

Fold the end-panel tabs inside and glue them behind the long side walls.

Keep the wheels flat on the sides. Leave the underside open.

Let the base set before adding the cab. The deck marks show where parts belong.



Check with a ruler

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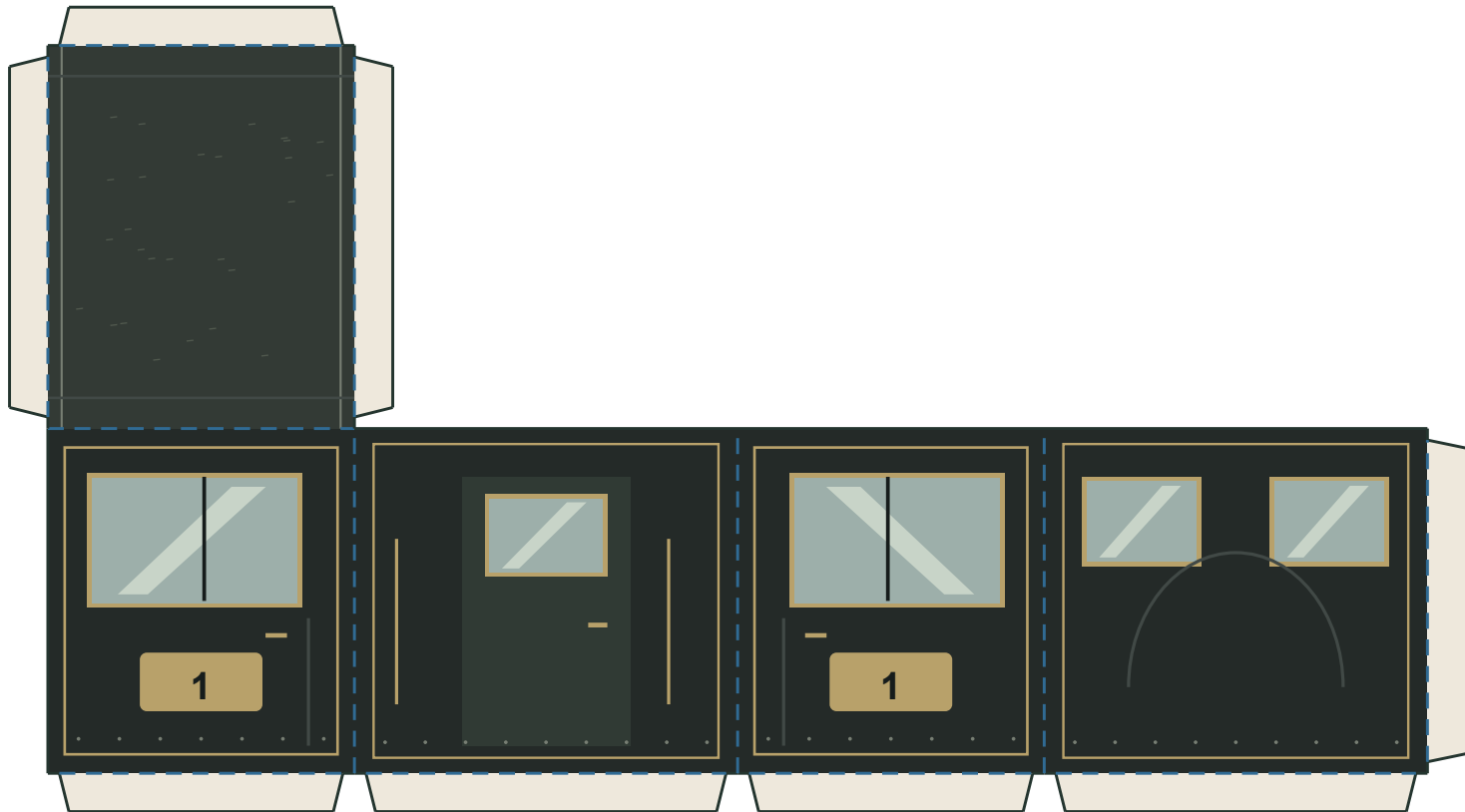
Representative industrial paper scenery; approximate scale, not a measured locomotive replica.

Steam engine: cab

Four walls, an attached roof and inward-folding bottom tabs.

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ADD THE CAB

Score the blue folds and cut the complete shell, keeping every gray tab.

Fold the four walls into a box; glue the narrow end seam inside.

Fold the bottom tabs inward. Glue the cab onto the rear deck rectangle marked CAB.

Fold the roof tabs inside and close the roof. Keep the printed walls facing outward.

The boiler fits against the front of this cab; continue with page 4.

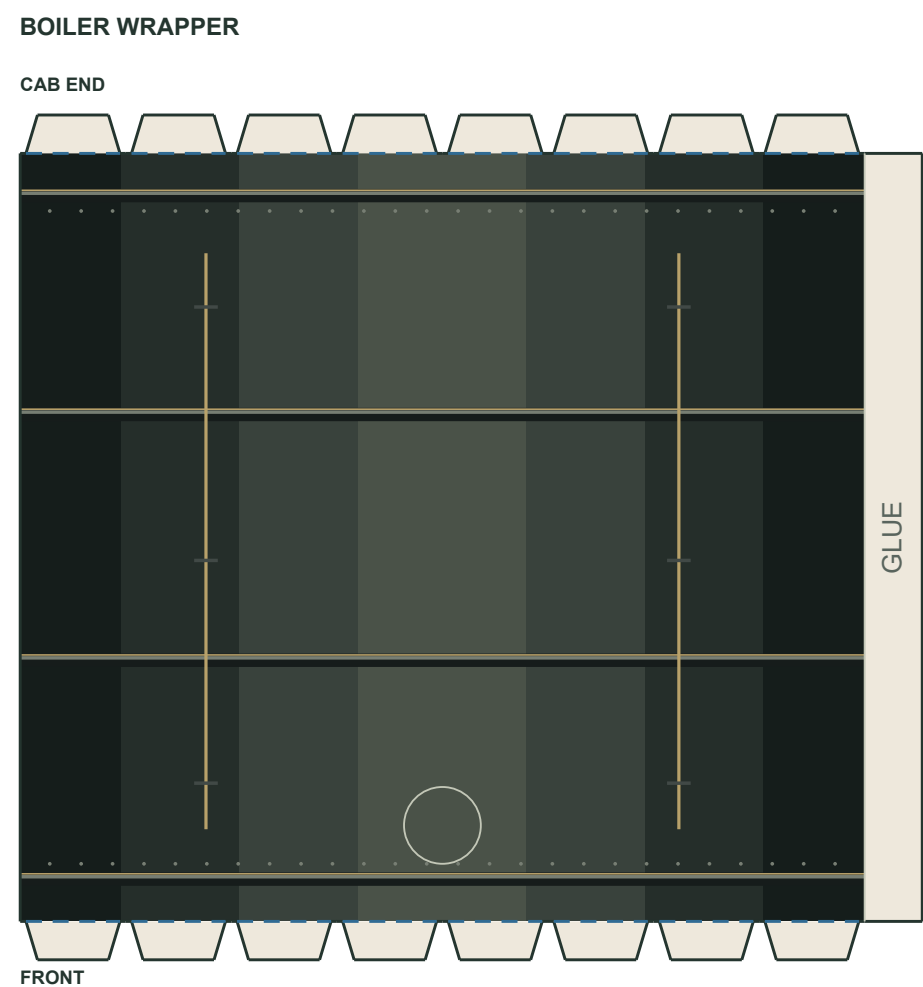


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Steam engine: boiler and chimney

A round 1.4-inch-diameter boiler, 4 inches long. Keep the long seam underneath.

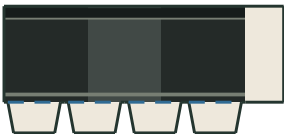
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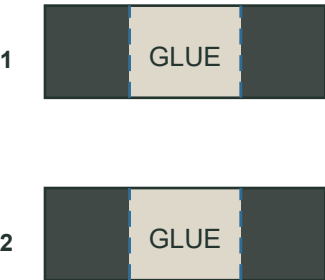
ROUND FRONT CAP



CHIMNEY



BOILER SUPPORTS



MAKE THE ROUND PARTS

1. Roll the boiler skin into a tube. Glue its long gray overlap tab inside.
2. Fold the small tabs at both ends inward. Glue the round cap onto the FRONT end.
3. Glue each support center onto the matching deck mark. Raise its two wings 45 degrees.
4. Glue the boiler onto the supports, seam down. Glue its rear tabs against the cab front.
5. Roll the chimney; glue its long seam. Fold the four bottom feet outward.
6. Glue those feet onto the small circle on top of the boiler.

Medium cardstock works well for the flat parts. If it resists rolling, print the two tube parts on ordinary paper. Make a plain-paper test first.



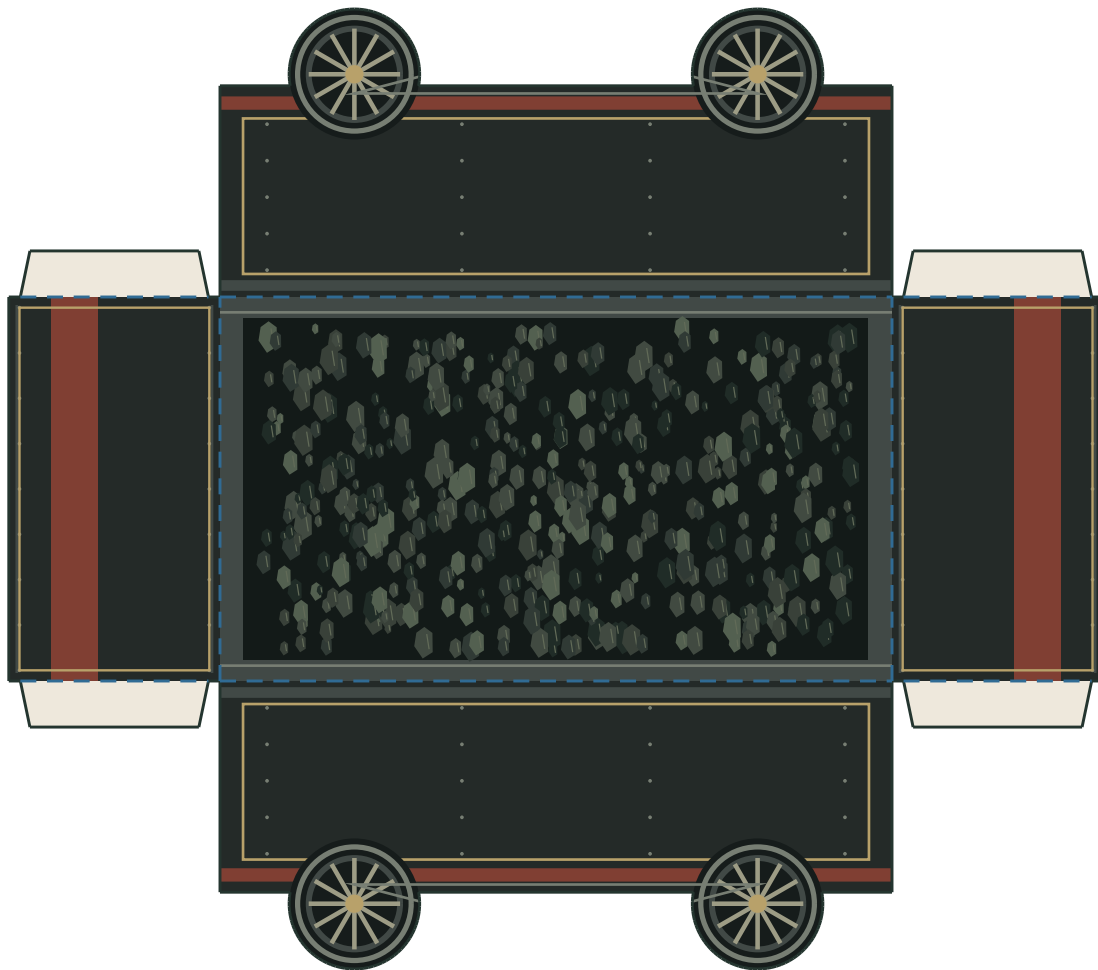
Check with a ruler

Coal tender

Finished: 3.5 inches long x 2 inches wide x 1.5 inches tall.

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BUILD THE TENDER

Score the blue dashed folds, then cut the outside outline, keeping every corner tab.

Fold both wheel sides and both ends down from the coal top.

Fold the end tabs inside and glue them behind the long side walls.

Keep the wheel pictures flat. The underside stays open.

Place this car immediately behind the steam engine.

1 INCH

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Representative industrial paper scenery; approximate scale, not a measured locomotive replica.

Check with a ruler

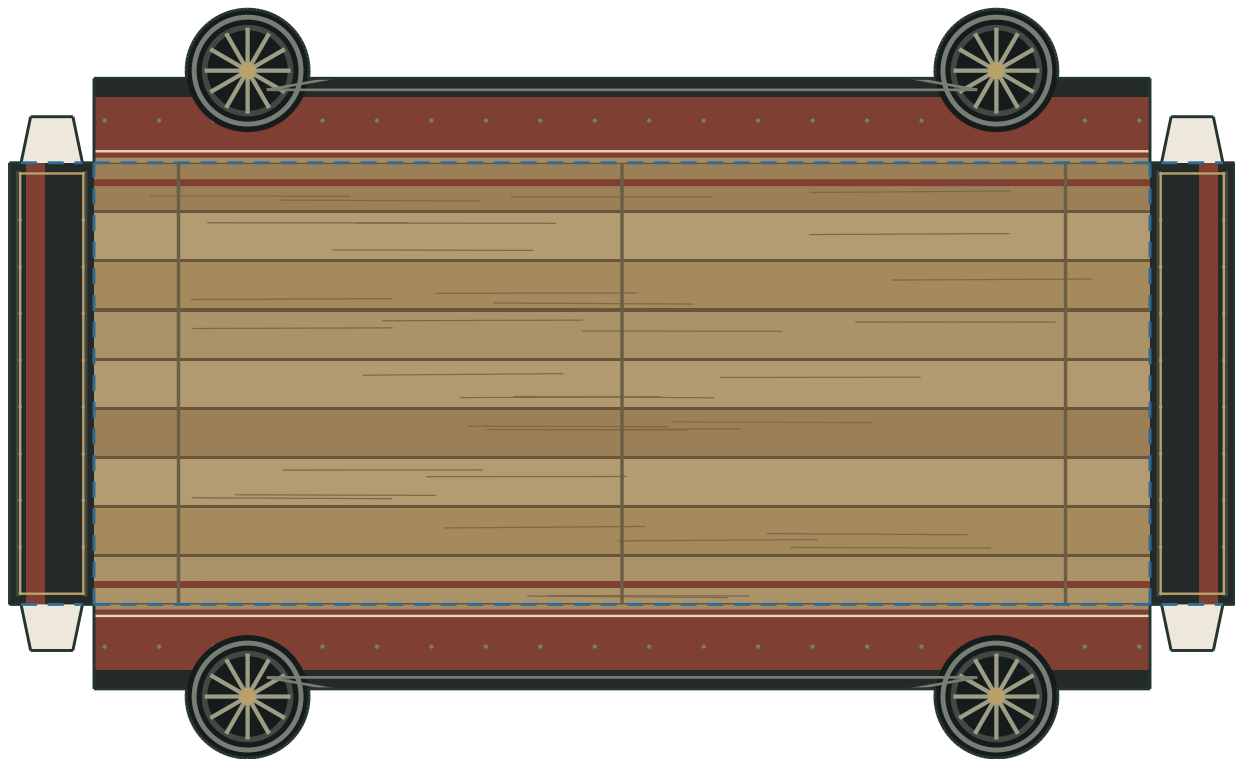
Brick flatcar

Finished: 5.5 inches long x 2.3 inches wide x 0.8 inch tall.

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WOODEN LOAD DECK



BUILD AND LOAD THE FLATCAR

Score the folds and cut the complete outside outline with its corner tabs.

Fold both wheel sides and both ends down from the wooden deck.

Glue the end tabs behind the side walls; leave the underside open.

Let the flatcar dry before adding the separate 1 1/3-inch brick stacks.

Two stacks fit easily, with room to space them along the deck.

Arrange the engine, tender and flatcar end to end, allowing small gaps.

Glue the completed scenery onto your layout when you like the position.

The completed-train illustration is on page 1.

1 INCH

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