Suspension bridge

Difficulty :

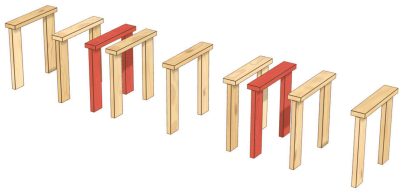
Pieces : ~133

Age : +8

Duration : ~60 min

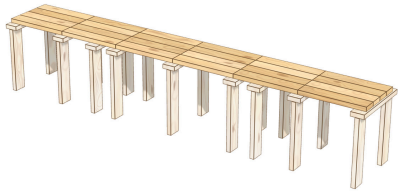


1



Stand 2 planks up on their short end and lay 1 piece flat across them: that's a gateway, a little door that will carry the road. Make 7 wooden ones in a line, about one plank length apart. Slip 2 red gateways in, one on each side of the middle, between the 2nd and 3rd: these are the feet of the towers.

2



Lay 24 planks flat end to end on the gateways, in 4 rows side by side: that's the deck, the road of the bridge. Every joint between 2 pieces lands on a crossbar.

3



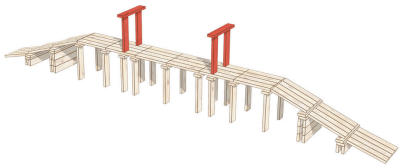
On each side of the bridge, build 2 abutments, the pillars that will carry the ramp. The closer one: 2 little walls of 3 planks on edge, topped with 2 flat pieces. The farther one: 2 planks on edge, topped with 2 flat ones.

4



Lay 4 planks flat side by side, sloping, from the end of the deck down to the first abutment. Make another slope of 4 between the 2 abutments, then a last one down to the ground. Do the same on the other side: 24 planks in all.

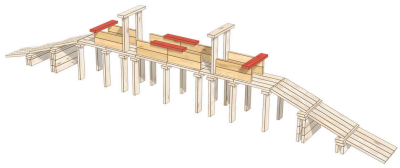
5



Above each red gateway, stand 2 red pieces up on the deck, one at each edge of the road, then lay 1 red plank flat across them. The towers are the tall pillars that hold the cables.

6

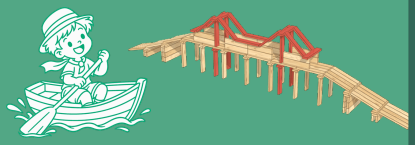
SUPER !



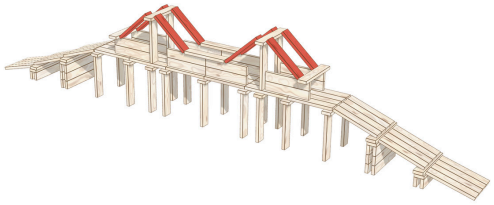
Along the 2 edges, lay 8 planks on edge: 2 end to end in the middle, 1 beyond each tower. Add a 2nd row on top: that's the railing, the fence of the bridge. Top the middle one with a flat red piece and the end of the others with a red one across: those are the anchors.

WOODELS
BUILDING IMAGINATION

Suspension bridge



7



Lay the cables, red planks set at a slope. On each edge, 1 goes from the middle railing up to the top of the tower, another comes back down to the anchor. Finish one tower before the other: 8 cables in all. Your suspension bridge is done!

BRAVO!

WOODELS
BUILDING IMAGINATION