DOODLE...

Fort Pitt Bridge

◀ SCAN FOR VIDEO

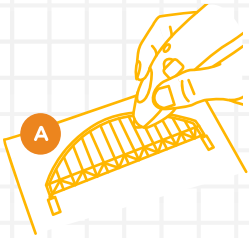
ADVANCED		20 MINUTES	
5-7 STRANDS			
W: 4.3 IN × H: 1.8 IN × D: 0.8 IN			

Bridges may appear as still structures, but they're actually in a state of flux as they react to varying weight loads, weather, and other stressors. Different types of bridges handle stress in various ways. In this challenge, learn about bridge anatomy and make a model of Pittsburgh's Fort Pitt Bridge.

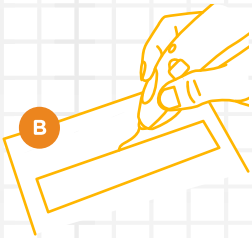
FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶

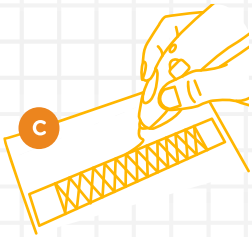
1 Doodle the arches and hangers



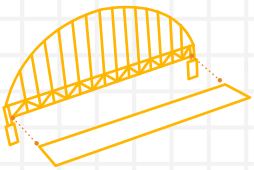
2 Doodle the road



3 Doodle the arc

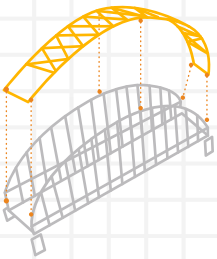


4 Attach the road to one arch



5 Attach the other arch

6 Attach the arc



DOODLE...

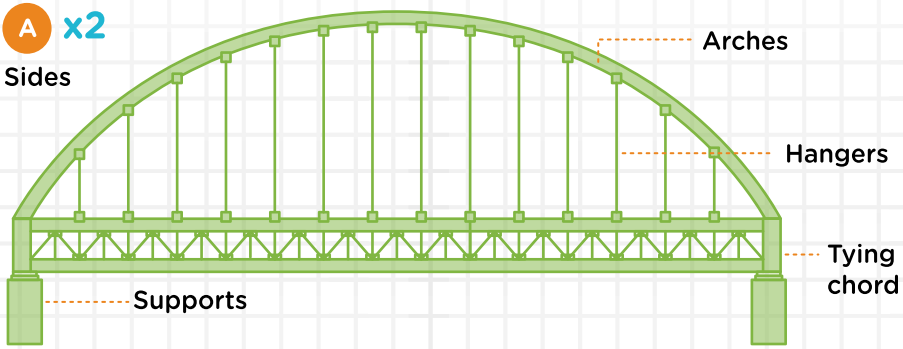
Fort Pitt Bridge

SCAN FOR VIDEO

ADVANCED		20 MINUTES	
5-7 STRANDS			
W: 4.3 IN × H: 1.8 IN × D: 0.8 IN			

A x2

Sides

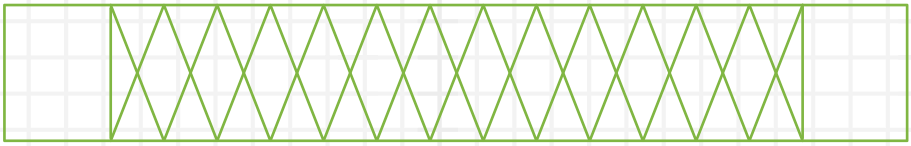


B x1

Road

C x1

Arc



GO BEYOND! Check off your progress.

☐	Now create more bridges or design your own!
☐	Explore different types of bridges to understand the design and purpose.
☐	Share your Doodles with us! **Upload them in the 3Doodler app.**