



# Catenary Arch



Build the arch according to the directions. How are the hanging chains and the arch similar?

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What happens when you gently push on the side of the arch or on the top of the arch?

Pushing on the side: \_\_\_\_\_

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Pushing on the top: \_\_\_\_\_

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Challenge! Try to build an arch that will remain standing without using all the blocks?

How did you build it? What were your results?

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