

Welcome to Beautiful
Bridgeland!

G8

Intro

- Have fun making our bridge, we promise to go pretty in depth in our analysis for how we made it!
- 2 parts
 - Tower
 - Length
 - cables

Tower

- Made out of water bottles
 - Either fill water bottles with water and attach with plates of cardboard
 - Cut off top of water bottles to make huge water bottle loop to fill with water and connect
 - Compress water bottle cut into bricks and use glue to connect

Length

- Made out of cardboard
 - Fold cardboard
 - Hole punch ends of cardboard
 - Tie cables at the end
 - Hole punch incrementally and connect to water bottle tower at top

Ideal Production

- We would recommend a 3:4:5 ratio of the bridge tower and cables be used

- That being said you can

Make the ratio

12in:16in:20in or you

Could make the lengths

3in:4in:5in making a predicted length of 48in if you

Make two towers front and back. Making more would

Yield a higher score!

