



# CLUB



**This week's theme is bridges! See the samples below or get creative and build your own maze! Share your LEGO creations with us as a comment to our LEGO Club video post!**

## **LEGO BRIDGE BUILDING CHALLENGE**

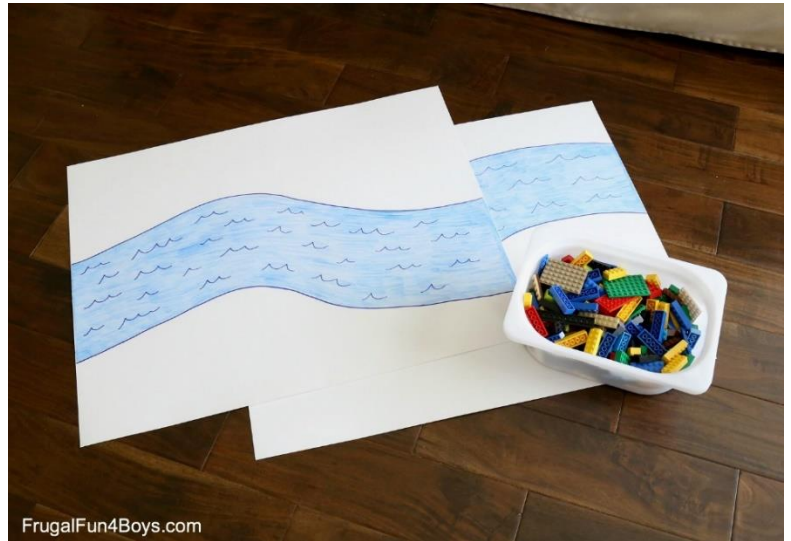
### **Here is what you need:**

- Basic LEGO bricks
- LEGO people and/or animals
- Paper or poster board
- Crayons or colored pencils

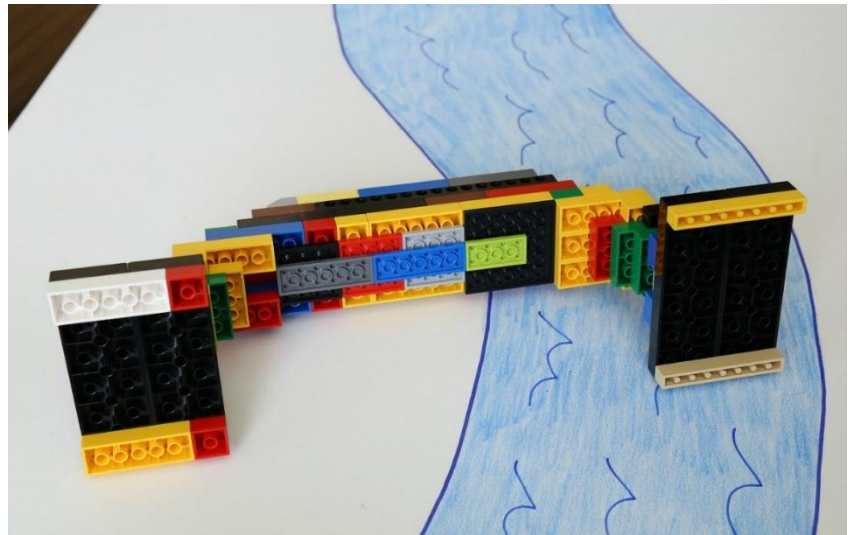
### **Build your Bridge:**

Create a visual goal of the distance that your bridge should span. Color a river on your paper or poster board.

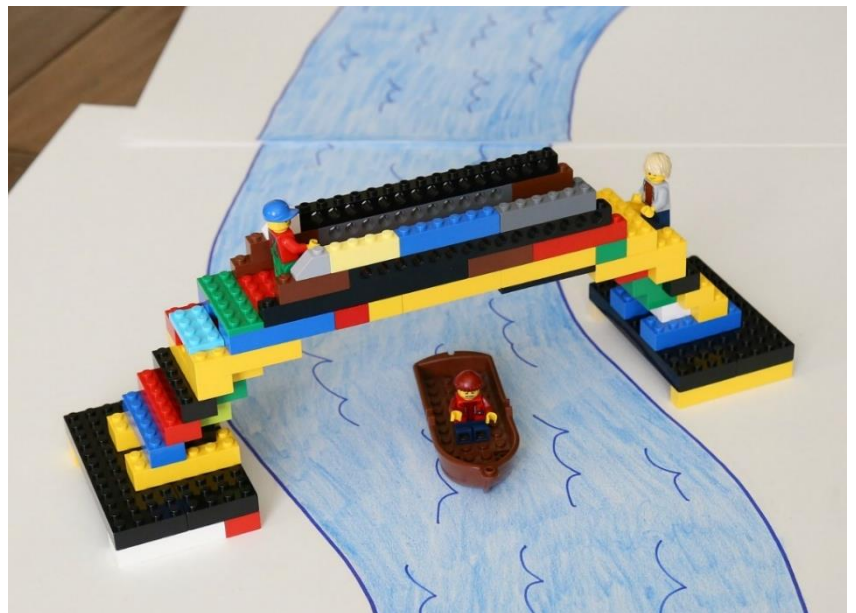
Begin building! Remember that your bridge's beam or the horizontal part of the bridge needs to be strong and able to hold a lot of weight. Just one layer of Lego bricks will not be very strong or hold much weight. If you reinforce your bridge with a layer of overlapping plates, it will be much stronger.



The supports of a bridge that go into the ground are called the piers or piles. Add these to your bridge's beam.



Test how much weight your bridge can hold! Walk your people and animals across the bridge to get to the other side!



Source: <https://frugalfun4boys.com/lego-bridge-building-challenge>