



# LEGO BRIDGE CHALLENGE COMPANION WORKSHEET

Materials:

- LEGO bricks
- LEGO Technic pieces (optional)
- Weights (bottles of water, bags of rice or dried beans)

## 1. DESIGN YOUR BRIDGE.

**2. TEST YOUR BRIDGE.**  
**HOW MUCH POUNDS CAN IN HOLD?**

**4. HOW MANY POUNDS CAN YOUR  
MODIFIED BRIDGE HOLD?**

**5. WAS YOUR MODIFIED BRIDGE STRONGER?**  
**HOW MANY MORE POUNDS CAN THIS BRIDGE HOLD?**

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**3. WHAT CAN YOU MODIFY ON YOUR BRIDGE TO  
MAKE IT STRONGER?**

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