

Sin Separates us from God, yet Jesus is our bridge to reach God's promises! (1 John 2:1, 2)

### YOU WILL NEED:

- Cardboard
- Printer Paper
- 1 Large Washer
- 2 Keys
- Skewers
- Scissors
- Pencil
- Marker
- Ruler
- String
- Electric Tape
- Hot Glue Gun
- Awl
- Diagonal Cutters
- Craft Knife



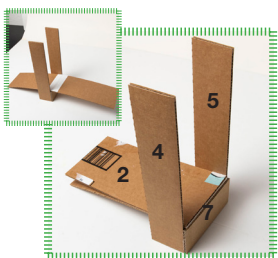
### DIRECTIONS:



**1.** Print out the attached pattern. Use the pattern to cut all parts out of cardboard. Notice that some of the same shapes are cut out 2 or 3 times.



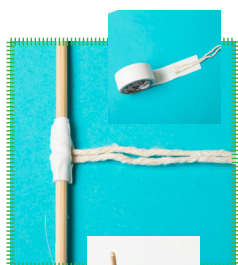
**2.** Put parts 1 and 2 together end to end and fasten with electrical tape. The joint should be able to bend.



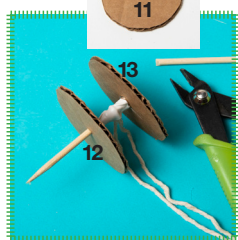
**3.** Glue the lower edges of parts 4 & 5 to the edges of part 7 as shown to form base. Rest parts 1 and 2 over 7 with tape on 1 touching 7 and glue to base from underneath. The end of part 1 should touch the tabletop and part 2 should move vertically.



**4.** Glue part 6 to the top of the structure as shown.



**5.** Cut two pieces of string about 36" long. Stick the ends of the string onto a 2" piece of tape and wrap the tape around the end of a 1 1/2" skewer.



**6.** With the awl, make a small guide hole in the center of parts 11, 12 & 13. Thread the skewer with strings through parts 12 and 13 and secure with glue. Poke another 1 1/2" skewer into part 11, between the edge and the center hole. Glue in place.



**7.** Punch a hole in the middle of the upright part of the base (piece 4) 3 1/2" from the bottom. Thread the skewer with pieces 12 & 13 on it through the new hole in piece 4 from the inside as shown. Place 11 on the outside. Trim off excess skewer on the outside of bridge and glue; the three circles should rotate freely.



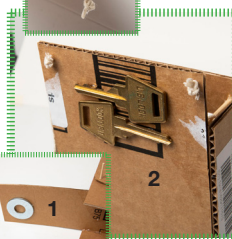
**8.** Glue parts 3, 8, 9 & 10 together as shown. The end of part 3 should rest on the tabletop.



**9.** Pass a skewer through the upright parts of the base, 1/2" from the top. Trim excess and secure with glue. Poke a short skewer into the cardboard on one side just above the long one. Add another below the long skewer on the other side. Glue. Thread both strings as shown.



**10.** Punch two holes at the end of the bridge (part 2). Thread one string into the left hole and the other into the right hole. Rest part 2 on the structure made in step 8. Pull both threads to tighten. Mark the thread where the knot will be with a marker. Tie few knots just below the mark. Trim excess string.



**11.** Glue the keys underneath the end of part 2. Glue the washer underneath the end of part 1.



**12.** The bridge is ready to go. The hinged bridge can be raised and lowered to allow safe passage.



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4 1/4 x 1"

**6**

9 x 4" (3)

**1, 2, 3**

10 x 2" (2)

**4, 5**

4 1/4 x 2" (2)

**7, 8**

2 x 2" (2)

**9, 10**

2 x 2" (1)

**11**

2 x 2" (2)

**12, 13**