Popsicle Bridge

Materials:
- 30-50 Popsicle Sticks
- Tape
- Two separate even stacks of books
- Weight (Examples: pennies, shoe, etc.)

Directions:
1. Watch step by step video on our outreach website: www.eng.auburn.edu/outreach
2. Line some of your popsicle sticks together and tape them.
3. With the remaining sticks design a bridge truss. Trusses help with bearing some of the load for bridges.
4. Place the bridge between the two stacks of books.
5. Place your weight on top of the bridge to see if it can hold the full weight. If it does add more weight.
6. Keep adding to see how strong your bridge is!

Expert Level: Try to build a bridge that can hold 10 pounds!

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