

Make a da Vinci Bridge

Try Leonardo da Vinci's design to make a self-supporting bridge that can be assembled with no tools, fasteners, or extra equipment.

Supplies

- Jumbo popsicle sticks (it helps to have 3-4 different colors)

You can also try dowels, sticks, Lincoln Logs, or other sticks. Do different materials give you different results? Try adding weight to your completed bridge. Which building supplies can hold the most weight?

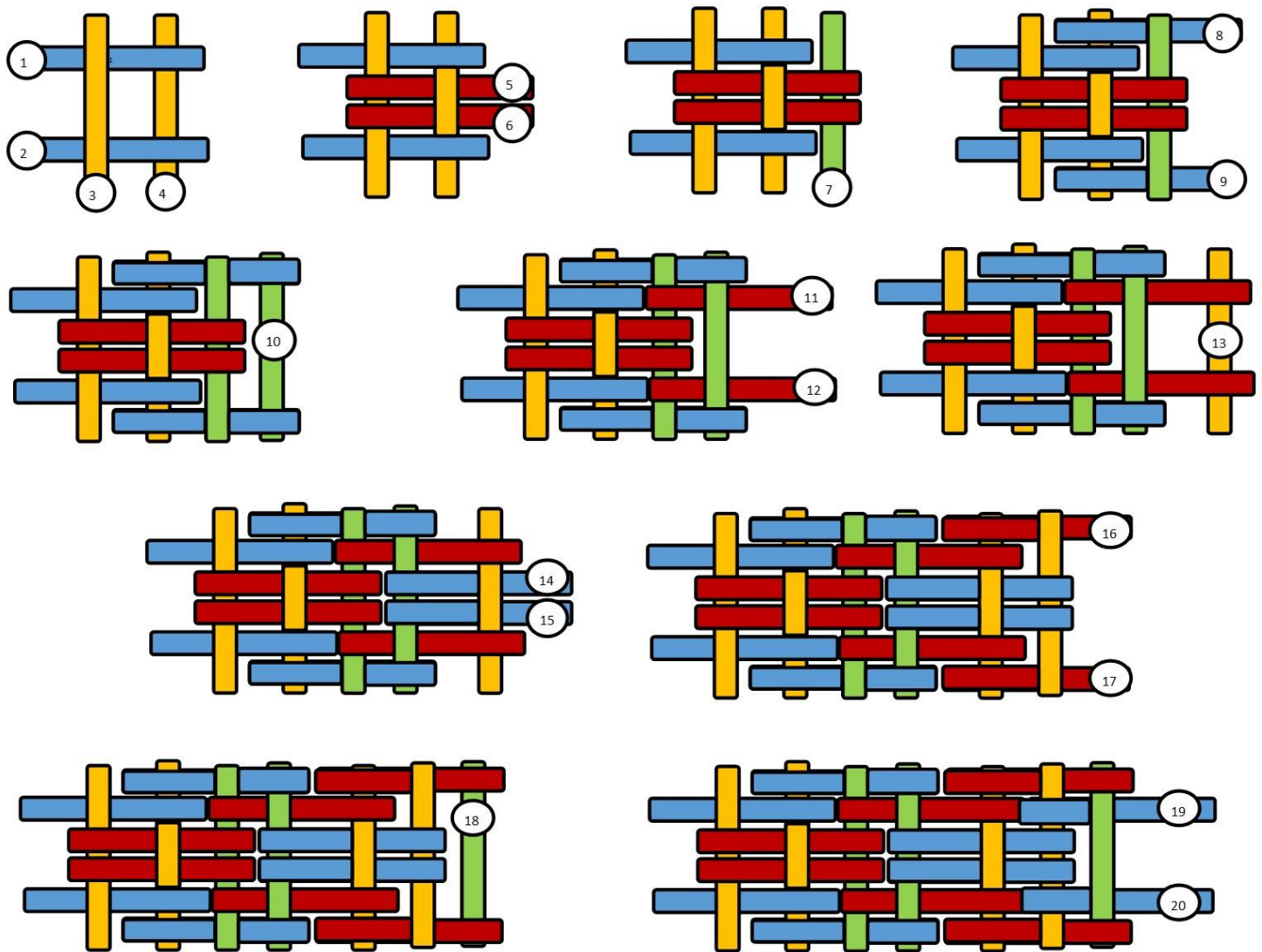


Instructions

Follow the diagram on the next page, adding sticks from left to right.

To increase stability as you construct your bridge, use your fingers to add some pressure to the top as you are building onto your structure. (It helps to have an extra set of hands, so ask a friend or family member to help.)





Want to learn more? Try these great books!

- **Leonardo da Vinci** by Mike Venezia <https://bit.ly/3raoysb>
- **I am Leonardo da Vinci** by Brad Meltzer <https://bit.ly/2UbEq1x>