







W14418 Craft Stick Connectors
W14417 4-Way Craft Stick Connectors
W14426 Craft Stick Connector STEM Easy Pack
Activity Guide

Contents:

Component	W14418 Craft Stick Connectors	W14417 4-Way Craft Stick Connectors	W14426 Craft Stick Connectors Easy Pack	Image
Living Hinges (red)	90	0	180	
120 Straight Connectors (blue)	100	0	200	
96 Corner Connectors (red)	90	0	180	
24 Base Connectors (blue)	20	0	40	
12 Circle Connectors (red)	20	0	40	
4-Way Craft Stick Connectors	60	100	120	
Unfinished Jumbo Craft Sticks	-	-	500	
Colored Jumbo Craft Sticks	-	-	150	

Overview - Use our exclusive Connectors to turn ordinary craft sticks into an extraordinary learning, building and entertaining experience. With the 6 different connector designs you can create an almost limitless number of structures. The Connectors are designed for use with any jumbo craft stick (5/8" x 6") with a thickness of about 0.06". The connectors are designed such that the craft sticks slide into the gaps in them and grab onto the sticks. The resulting connection is by design somewhat loose and building structures with the connectors requires a combination of planning, engineering, patience, and trial and error.

If a Connector is too loose, it should be possible to simply pinch the opening of the connector closed between your fingers. For a larger variety of structures the craft sticks can be cut to length with a good set of scissors, preferably by an adult.

A few options for an engineering / stem type of challenge are listed below.

1. Provide each team with an image of a finished structure, a specified number of craft sticks, and a specified number of connectors. Then give each team a few minutes to try to duplicate the structure.
2. Give each team a specified number of craft sticks and a specified number of connectors. Then give each team a few minutes to try to see how tall a structure they can build without it falling over.

3. Give each team a specified number of craft sticks and a specified number of connectors. Then give each team a few minutes to try to see how tall a structure that can be placed across a gap between two tables without falling apart. Add some weight to the center of their structure for an even tougher challenge.

NOTE: When done using the connectors, we recommend you remove the craft sticks from all connectors. If the craft sticks are left in the connectors, the connectors will stretch out a little and they won't be as tight the next time you use them. If a connector is too loose, just pinch the ends closed for a few seconds and it should tighten up.

The remainder of this guide provides some illustrative examples of how the connectors can be used.

