BUILD AND TEST BRIDGES

BEAM BRIDGE

Materials used: wooden blocks and card stock paper or folded newspaper. You can use floral pebbles or small rocks as weights to test the bridge, counting each time you build a new bridge to see how many it could hold.
BEAM BRIDGE VERSION II

Does the number of piers and the distance between them change the strength of the bridge?
Try placing the accordion folded paper on top of the bridge. Does it allow the beam bridge to hold even more floral pebbles?
ARCH BRIDGE
OTHER VARIATIONS

TIME TO CREATE YOUR OWN BRIDGE!