



Life:Powered

**COBRA WEAVE: A
Lesson on Kinetic and
Potential Energy for
All Students**

COBRA WEAVE: A Lesson on Potential and Kinetic Energy for Elementary Students

ENGAGE: Cobra Weave Instructions

Materials

- Lots of popsicle sticks

Step 1: Place two popsicle sticks so that they are in the shape of an X. Stick #1 will be on top and stick #2 will be on bottom.



Step 2: Place stick #3 so that one end goes under an end of stick #2 and the rest of it lies on top of stick #1.



Step 3: Place one end of stick #4 under the loose end of stick #2 so that the rest of it lies on top of stick #3.



Step 4: Place stick #5 under the loose end of stick #1 so that the rest of it lies on top of stick #4.



Step 5: Continue adding sticks in the pattern.



To end the cobra weave, add a stick under and over the last two sticks. For a handle, tie a string to the middle of the last stick before securing it to the cobra. To release the cobra weave, remove the final stick or pull on the string.