



Chain Reactions



1. Stairs.

In this component of a chain reaction, you create a set of stairs and then pick the best object to go down them. In this case, it is a slinky that is going down the stairs. The slinky will trigger the next chain reaction when it falls on an object at the bottom of the stairs.



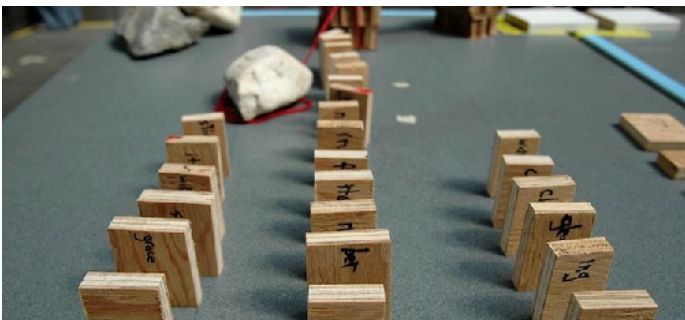
2. Inclined Surface.

You can create a track that is taller on one side than the other so something can roll or slide down it. In this picture, the golf ball is rolling down the tube and will trigger the next action by knocking over the white square.



3. Car.

Toy cars or anything with wheels can travel across an area and trigger the next action.



4. Dominos.

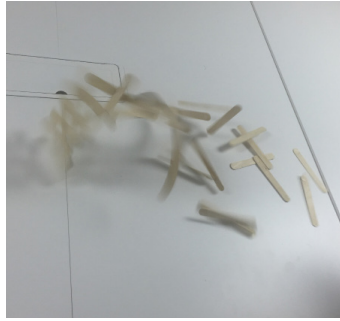
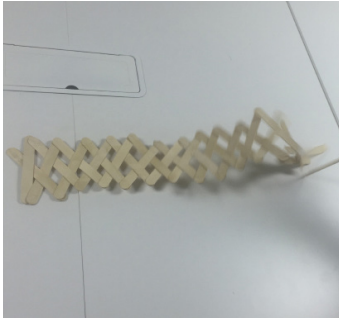
Dominos can be set up close to each other and when one falls over, it can cause the one next to it to fall and eventually all of the dominos will fall over. The last one that falls can be used to trigger the next action.

Supplies

Box of craft sticks (tongue depressors work best)

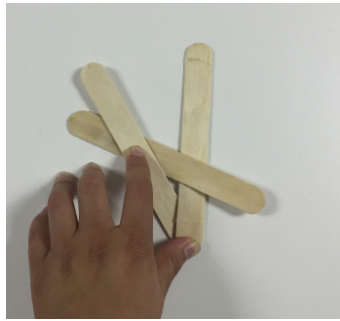


Chain Reactions, continued



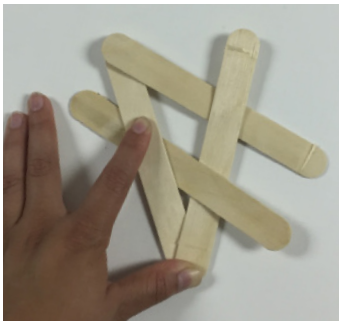
5. Stick Bomb: Cobra Weave.

A stick bomb is a form of kinetic art where flat sticks are woven together in a way that creates pressure. All of the sticks go flying when you remove the last stick in the chain. In the cobra weave, the chain raises up as it is flying off and it looks like a snake.



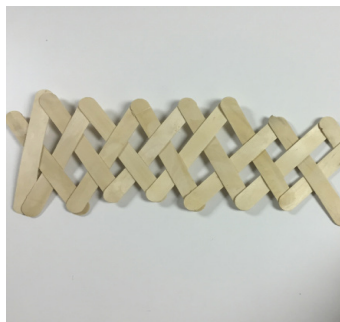
6. Start cobra weave.

Create a "V" using two sticks. » Place a third stick behind the stick on the left and above the stick on the right.



7. Continue the pattern.

Weave the fourth stick on top of the left stick from your "V" and below the right stick from your "V." » Weave a fifth stick on top of the third stick you placed down and below the fourth stick.



8. Detonate your bomb!

Continue weaving in the same pattern for as long as you want. » To "detonate" the stick bomb, pull out the last stick you wove in.

