



1



1. Create 2 triangles by taping craft sticks together as shown

2



2. Use 3 more craft sticks to connect the triangles

3



3. Tape 2 craft sticks to one side of the base

4



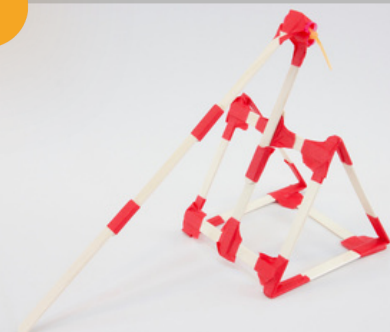
4. Tape a small piece of straw to the top of the sticks from the last step

5



5. Tape 3 craft sticks together, and tape a small piece of straw to one end

6



6. Connect the base and the arm with a cable tie through the straw pieces

7



7. Make a pneumatic system by filling 1 syringe with air, keep 1 empty, and connect with tubing

8



8. Tape the pneumatic system to the base and tie the adapter to the arm with a cable tie

9



9. Modify the pneumatic machine to complete a challenge of your choice!