

MARCH

ENGINEERING ACTIVITY

MATERIALS

- Cardboard
- Tape
- Pipe Cleaners
- 11 Popsicle sticks
- Sauce cup
- Orange ping pong ball
- 5 Rubber bands

March Madness

Directions:

1. Watch step by step video on our outreach website:
www.eng.auburn.edu/outreach

Basketball goal -

1. Cut out 2 small squares from cardboard.
2. Bend pipe cleaner into a circle and tape it to one square.
3. Tape 1 popsicle stick to one cardboard square and connect to the other cardboard square to finish the basketball goal.

Catapult -

1. Stack 8 popsicle sticks together and wrap rubber bands on each side.
2. Stack 2 popsicle sticks together and wrap one end with a rubber band.
3. Slide the stack of 8 sticks into the stack of 2.
4. Wrap the remaining rubber bands to secure the two sets together. It should create an X in the center.
5. Tape the sauce cup at the top of the catapult.
6. Shoot ping pong ball into the hoop!

Expert Level: See how far you can launch your basketball!

