



Engineering Mystery Bag – Build a Catapult!

Supplies:

- Tape
- Glue
- Stapler
- Brown bag filled with a variety of materials, such as craft sticks, straw, pipe cleaner, yarn, rubber bands, paper clips, index card, Dixie cup, Gatorade cap...

Directions:

Using only the materials provided, create your own pom pom launcher. You DO NOT have to use everything.

STE(A)M Subject(s):

Physics, Engineering, and Art: designing, planning and building a pom pom launcher. This can be transferred to building other machines.

Related Badge(s) or Journey(s):

(B) Making Games

Additional Resources:

Additional option: <http://www.thedoseum.org/take-home-activities-mystery-bag-engineering-challenge/>

Online engineering games: <http://pbskids.org/games/engineering/>

Energy: <http://www.eschooltoday.com/energy/kinds-of-energy/all-about-energy.html>

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