



Recyclable STEAM Crafts

Superhero Cuffs

The magic of imagination is one of the best parts of being young. With this super fun and easy activity, imagination reigns supreme as learners embody their favorite superhero through a little STEAM creativity!

MATERIALS:

The great thing about recyclable crafts is that you don't have to go out and buy a bunch of materials — you can find most things around you!

For this star-studded craft, you need:

- 2 Toilet paper rolls
- Construction paper (in the colors you desire)
- Glue
- Scissors
- Ruler
- Pencil (if desired)

HANDS-ON STEM EDUCATION



For over 30 years, PCS Edventures has inspired students to develop a passion for Science, Technology, Engineering and Mathematics (STEM), focusing our efforts on making learning and discovery a fun and interactive process for grades K-12.

- CLASSROOM
- AFTER-SCHOOL
- HOME LEARNING

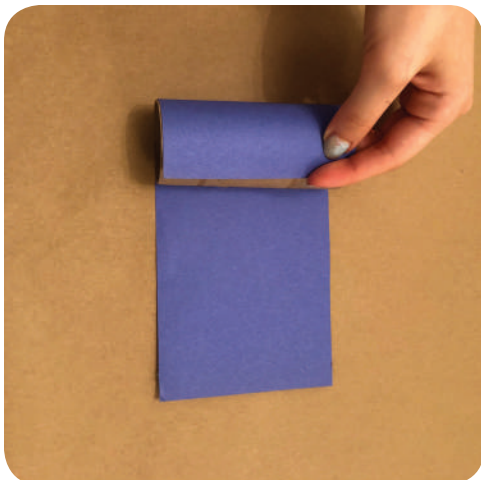
STEPS FOR SUPERMAN CUFFS



- 1 Gather materials.



- 2 Cut blue construction paper in the *height* of the toilet paper roll.
- The height of our toilet paper roll was 4 inches.



- 3 Cut blue construction paper in the circumference of the toilet paper roll.
- You can do this by rolling, marking and cutting.



- 4 Glue the blue construction paper around the toilet paper roll.



- 5 Cut yellow construction paper into a triangle and glue to the toilet paper roll.



- 6 Cut red construction paper in an S shape and glue it on top of the yellow triangle.



- 7 Vertically cut the toilet paper on the opposite side of the Superman mark all the way through.



- 8 Repeat steps 1-8 on another toilet paper roll for a pair of cuffs.



- 9 Put cuffs around wrists and enjoy your newfound Superman powers!

This process can be repeated for any of your learners' favorite heroes. If you've got a particularly creative bunch, this is a great opportunity for their imaginations to really run wild by challenging them to design their own superhero. What would their powers be? Can they draw a full costume design? How would their cuffs look? Gauge your student interest and take this STEAM activity to the next level!



The world of comic books is full of heroes, villains, challenges and triumphs — and the heroes need help! Ready to see just what it takes to be super? In this freshly redesigned favorite, students answer the call for aid by dissecting superhero skill-sets to uncover the science behind superpowers. Through 12 days of hands-on exercises in biology, engineering and technology, students fly alongside Superman, sling webs with Spider-Man and recognize the real-life heroes of our world. Dive headfirst into the pages of comic books where collaboration, communication and community awareness reign supreme.

Learn more at edventures.com/collections/

PCS edventures!™ EXPERTS IN HANDS-ON STEM EDUCATION



DRONES



cubelets