

“In the Construction Zone”

The logo for "EXPLORE IT" is enclosed in a black rectangular border. The word "EXPLORE" is in a bold, sans-serif font, with the letter "O" highlighted in green and the letter "R" in purple. The word "IT" is in a smaller, regular sans-serif font.

Module 10, Reflective Accessories

Prompt:

A construction worker needs to be very visible when they are on the job! Sometimes they work at night or during bad weather. For this activity, you will make a reflective accessory, like a necklace or a hat, that you can wear as you do your *Explore It* projects and out in the real world!

Materials:

- Construction paper
- Cardboard scraps
- Tape
- Glue stick or regular glue
- Scissors
- Reflective and shiny materials:
 - [Glow-in-the-dark tape](#)
 - [Glow-in-the-dark stickers](#)
 - Tin foil
 - Strips of [mylar emergency blanket](#)
 - Washi tape or [iridescent tape](#)
 - Rhinestones, confetti, or glitter
- Hole punch
- Yarn or string
- Markers and crayons
- Scrap paper
- Stapler (for adult use)

Instructions:

1. Read the prompt with your child.
2. Help your child decide what kind of accessory they would like to make. Some options are: a hat, a bracelet, or a necklace.

- a. For a hat, cut out a strip of construction paper long enough to fit around your child's head (you will have to tape or staple a few pieces of paper together). Attach the two ends together to create a hat/crown.
 - b. For a bracelet, do the same as above but for the size of their wrist (note: make it big enough so that they can slip it on and off their hand).
 - c. For a necklace, cut a shape out of cardboard (triangle, heart, square, etc.) and punch a hole in it. Then, string it onto a piece of yarn or string that's large enough to fit over your child's head and hang loose on their body.
3. Show your child the supplies they have to decorate their accessories with. Point out which materials reflect well and show up in darker conditions. They might even want to test some out by taking them into darker spaces to see how well they work.
 4. Give your child plenty of time to work on their design.
 5. When they have finished, encourage them to make another design-- either for themselves or a friend/family member!

Resources:

Check out some examples of reflective and high visibility gear in real life! All images from Google.





Extensions:

If your child needs more challenges to go along with this activity:

- Invite your child to test out their gear in a dark room. Does anything glow? Give them a flashlight to shine on their designs. Does anything light up?
- Help your child brainstorm all the different real-life occasions they can wear their accessories-- for trick-or-treating, biking, walking home from school/camp, etc.
- Encourage your child to come up with other safety gear that construction workers wear. Invite them to create some of this gear themselves (using art supplies) or have them draw a self-portrait where they are wearing construction gear.
- Challenge your child to set up a mini construction site in a play area in your home. They can pretend to be a construction worker at work!

Together with your child, go to the "In the Construction Zone " topic on Flipgrid and share their reflective accessories.