

# GEOMETRIC COLOR CATCHER



## PROJECT DESCRIPTION

Would you like to know how to color light? This project incorporates natural light, color, geometry, and architecture elements for a version of a stained glass window that will make sunlight dance!

## RECOMMENDED AGE/SKILL LEVEL:

Recommended for ages 4 and up with adult supervision.

## MATERIALS

- Cardstock, black construction paper or recycled food box material
- Uncolored cellophane (recycled or new) or gallon freezer bag
- Glue stick
- Scissors
- Colored permanent markers
- Black marker
- Ruler
- Tape
- Pencil

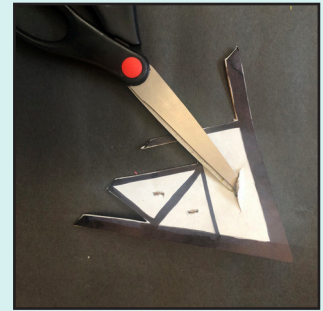
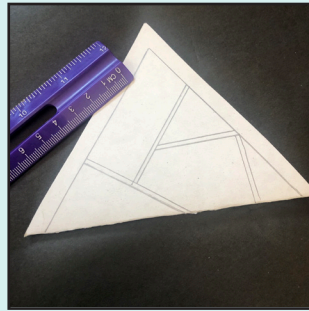
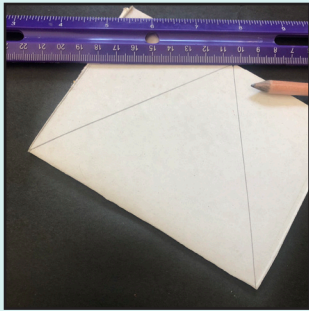


## INSTRUCTIONS

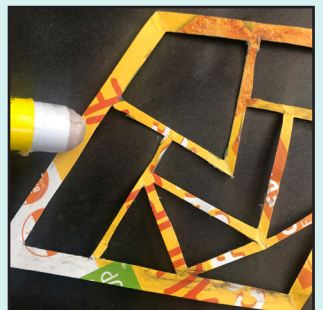
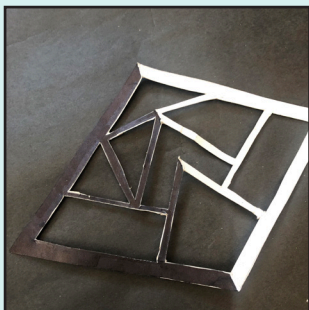
- Fold your cardstock paper in half.
  - The example is folded in half horizontally, but feel free to mix things up.
- When you have folded your paper, use a ruler to sketch an arch, point, or angle across the non-folded side(s).
- Cut along the lines.
- Draw a border line approximately 1/2 inch from the cut edges.

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- With it still folded, draw your desired pattern[s] on your paper, making double lines either  $\frac{1}{4}$  to  $\frac{1}{2}$  inch apart.
  - Look up [stained glass windows](#) for inspiration.
  - Keep in mind that straight lines will be easier to cut.
  - For best results, mix large and small versions of similar shapes.
- Color your lines in with a black marker.
- With either the tip of your pencil, or the point of your scissors, carefully poke a hole inside the shapes you have drawn.
  - Make sure to poke through both halves of the paper.
- Use scissors to cut the shapes out of both sides of the folded paper at once.



- Unfold the paper to reveal your stained glass borders!
  - Do the shapes look like you had imagined while the paper was still folded?
- Use a black marker to fully color the borders you have just created.
- With your scissors, separate the two sides of a gallon freezer bag. Recycle the side that has any writing on it.
- Flip the black borders over and put glue stick all along the back.
- Affix the borders to the remaining half of freezer bag. Press firmly.
- Flip everything over and place on a piece of printer paper so you can clearly see the next steps



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- Use colored permanent markers to fill in each of the shapes.
  - Color slightly past the borders for a more “full” color look.
  - Try going over your marker layers a couple of times.
  - Notice the way the markers behave on the plastic. Can you play with this effect at all?
- Allow marker to dry.
- With scissors, trim the plastic from the outer border of your creation.
- Use small loops of tape to affix the stained glass to one of your windows.
  - How does this new “window within a window” affect your view?
  - Does the new colored light change your visual perspective?
- Share your creation on social media by tagging #MCDatHome!



## ADDITIONAL RESOURCES

### CONNECT SOCIALLY AND LEARN MORE

**Facebook & Instagram:** @MuseumofCraftandDesign

**Twitter** @SF\_MCD

**Share your project!** Post and tag #MCDatHome

**Related materials:** Find inspiration in [7 of the World's most Beautiful Stained Glass Windows](#) and find out [How Stained Glass is Made!](#)