



Join ACM's S.T.E.A.M. Team!

CREATIVE SUNCATCHERS!

Plan – Design – Make – Test – Evaluate

This Week's Challenge:

Can you design and create window art?

Using materials around your home (ask permission first): plan, design and create a beautiful sun-catching masterpiece to share a message with others!

Plan & Design:

1. Will you work alone, or collaborate with others to create your art?
2. What process will you choose?
3. Will you draw your design before constructing?
4. What will inspire your design?
5. What message do you want to share? Will it be with words or a shape, or a beautiful mosaic?
6. Which materials will you choose?

<p>Process #1: Materials needed:</p> <ul style="list-style-type: none"> • Clear Contact Paper or Wax Paper* • Tissue Paper (a variety of colors) • Scissors • Construction Paper (any color) • Pencil • Tape (or string and hoe punch) 	<p>Instructions:</p> <ol style="list-style-type: none"> 1. Tear tissue paper into small pieces. Set aside. 2. Fold 1 sheet of construction paper in half, draw the shape of your frame 3. Cut the construction paper along the outside of your shape and then make a parallel cut about 1 inch inside the outer edge. Now you have a frame! 4. Cut a piece of contact paper slightly larger than your frame, place it sticky side up on a flat surface. 5. Place the frame on the contact paper and stick in place, then stick the pieces of tissue paper inside the frame. If you are creating a word message, just arrange the tissue paper pieces in shape of the letter. A frame is always optional, it's your creation! 6. Now you are ready to share: Carefully place the sticky side of the contact paper on the window and enjoy!
<p>*If using wax paper, place design between 2 sheets of wax paper, cover with a thin cloth and carefully iron with a cool iron (adult supervision required). Place on window with tape, or hang on a string in front of a window</p>	
<p>Process #2: Materials needed:</p> <ul style="list-style-type: none"> • Wax Paper • Crayons (various colors, remove paper wrap) • Pencil sharpener • Ironing cloth and paper towel • Scissors • Construction Paper • Pencil • Tape (or string and hoe punch) • Glue 	<p>Instructions:</p> <ol style="list-style-type: none"> 1. Place a sheet of wax paper on paper towel, layered on ironing cloth. Lay on a flat, heat-resistant surface. (Paper towel with keep crayon off cloth) 2. Create crayon shavings by sharpening the crayons over the wax paper. 3. The shape of your "frame" will determine your design. Fold 1 sheet of construction paper in half, draw the shape of your frame, including interior. 4. Cut the construction paper along the outside of your shape and then make the interior cuts. Now you have a design! Set aside. 5. Place a 2nd piece of wax paper on top of the crayon shavings, followed by paper towels (make sure to cover the edges of the wax paper, so as not to get any crayons on the iron) Adult supervision required. 6. Glue or tape the frame on the wax paper. Now you are ready to share! Enjoy!
<p>When using wax paper, place design between 2 sheets of wax paper and carefully iron with a cool iron (adult supervision required). Place on window with tape, or hang on a string in front of the window</p>	

Once constructed, put your design to the test!

Test:

1. Does it stick to the window?
2. Does the light shine through?

Evaluate:

1. Do you need to make any changes? If so, redesign and try again.

Don't forget to share your photos!!



Next time you're at the museum, visit the A.R.T. Studio for more amazing projects!

Join us on the 3rd Saturday of every month for our S.T.E.A.M. Team smART Workshops with smARTStudio

<https://akronkids.org/calendar/programs>

Stained Glass Inspiration

