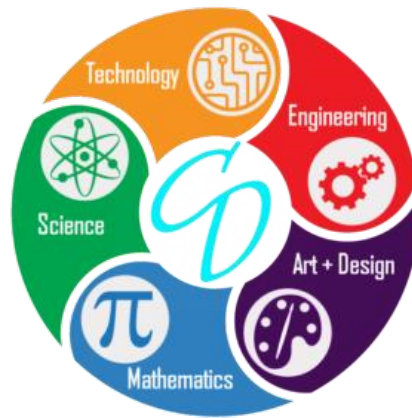


STEAM Project Details



STEM Art Contest Rubric

The deadline for the STEM ART Contest is [October 12th, 2018](#).

Rubric	20	15	10	5	0
Creativity	Artwork is exceptionally unique, detailed, and interesting while taking creative risks.	Artwork takes some creative risks outside of icons to create an unique piece.	Artwork has STEM icon elements that aid in conveying theme.	Artwork only shows typical icons of STEM such as beakers, gears, etc.	Artwork does not reflect original work.
Theme Relevance	Artwork is an outstanding example of theme.	Artwork is relevant to theme.	Artwork shows little to some relevance to theme.	Artwork does not reflect theme at all, but has STEM influences.	Artwork does not reflect theme or STEM at all.
Use of Materials	Student went above and beyond in use of materials to enhance the artwork. Ex. Techniques such as chiroscuro.	Materials and size dimensions were appropriately used. Techniques were attempted.	Materials and size dimensions were appropriately used. No techniques were attempted.	Artwork was two dimensional, but the materials were not used appropriately.	Student used materials that were not appropriate for project. Ex. Copy or notebook paper, size too large, etc.
Craftmanship	Artwork was properly mounted, neat, clean, and showed attention to detail. (Canvas will not be mounted.)	Artwork was properly mounted, neat, and clean. (Canvas will not be mounted.)	Artwork was properly mounted, but product was rushed and sloppy. (Canvas will not be mounted.)	Artwork was not mounted on cardstock or posterboard for support. (Canvas will not be mounted.)	Artwork was ripped, dirty, or crumpled.
Writing Component	Writing component was free from spelling and grammatical errors . The written description was engaging and thoroughly described the artist's process and work.	Student turned in all required information and description. The writing component was free of grammatical and spelling errors.	Student turned in all required information and description, but there were spelling and grammatical errors.	Student turned in required information except for the description. Writing component was not on 5x8 index card.	Student did not turn in the required written information and description.
TOTALS					

STEM ART COMPETITION GUIDELINES

Theme:

Create an original artwork that displays knowledge of **biomimicry** by identifying a human problem that would benefit from imitating nature and design a solution. Research how animals survive climate changes, adjust to variations in vegetation, and adapt to the unexpected.

Eligibility:

Sixth grades through twelfth grades may participate at the Lynx Middle and Technology High school campuses through the science classes.

Grade Level Categories:

The top five finalists will be chosen from each 6th- 12th science teacher. Then each campus will decide on a 1st, 2nd, and 3rd place winner by grades 6th-8th and 9th-12th.

Contest dates:

The contest will begin on August 20th and all entries must be submitted by October 12th. Entries submitted after the deadline will not be judged.

Judging and Winners:

- A panel of judges will review entries by middle and high school.
- Grand Prize Finalists will be selected from each section of grade levels (6th-8th and 9th-12th):
 - 1st place prize \$50 gift certificate
 - 2nd place prize \$30 gift certificate
 - 3rd place prize \$20 gift certificate
- Grand Prize Finalists will be displayed at the Fall Festival in the Face Painting Booth.
- All finalists will receive a certificate of recognition and displayed at the Orlando Science Fair.

Contest Rules:

1. Artwork must be submitted in **two-dimensional form**, including the following categories: drawing, painting, collage, photography, or computer graphic.
2. Students may only submit **one (1) piece of artwork**.
3. Each submission must include the following information **typed and pasted to a blank 5X8 index card**: *the student's name, grade, school, and a paragraph description*.
4. The paragraph description must include the student's thought process, which part of nature they used to study, and how their artwork relates to biomimicry.
5. The submitted artwork is property of Orlando Science Schools. The artwork can be used partially and entirely, at any time, by the school. A photograph of the piece will be taken, and the artwork will be returned by the end of the academic school year.
6. Artwork will be judged based on the provided rubric.
7. Original work **must not exceed 15"x20"** and **must be mounted on cardstock or presentation board** for support. Artwork on loose leaf notebook paper or printer paper will not be accepted. Canvas does not need to be mounted nor framed.
8. All images must be two-dimensional, original and not appropriated from any other resource. Artwork must be unpublished, original, and completed by one student.
9. Any of the following media or techniques may be used:
 - a. Paint (watercolor, tempera, acrylic, or oil.)
 - b. Drawing materials (pencil, charcoal, colored chalk, pastels, oil pastels, colored pencils, markers, etc.)
 - c. Collage materials (cut and glued papers, such as construction paper, tissue paper, wrapping paper, aluminum foil, etc.)
 - d. Computer Graphics (must be original)
 - e. Photography (Black and white, color)

*For any questions regarding the rubric or contest details, please contact Mrs. Estes (Lynx campus) or Mr. Stampas (Technology Campus) at:
Amber.estes@orlandoscience.org / stampas@orlandoscience.org