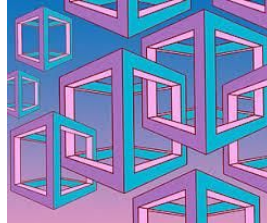




CVUSD Geometric Art Fair Rules and Guidelines 2018-2019



Purpose: The purpose of this event is to inspire CVUSD students to create their own artwork with a **focus on geometric elements**. We want to encourage students to **develop enthusiasm for and expertise in their artistry**, to provide a context to showcase the **connection between math and art**, and to recognize student **achievement in arts and academics**. The Geometric Art Fair will be a great opportunity for our students to share their talent, creativity, and vision.

General Information: The Geometric Art Fair begins with each school site hosting a school-wide competition at the beginning of April. A student can submit an individual work of art and/or a class can submit an entry that combines multiple students' works of art into one cohesive project. Also, there will be 2-dimensional and 3-dimensional categories. School sites will select the top three individual pieces of artwork per grade level span in each category and the top three class entries per grade level span in each category to submit to the District Fair. Finally, judges at the district level will award first, second, and third place **certificates** for individual and class entries at each grade level span at an award ceremony on May 2, 2019.

Categories:

- 2-dimensional
- 3-dimensional

Grade Level Spans:

- TK-2
- 3 – 4
- 5 – 6
- 7 – 8
- 9 – 12

Invitation to the Geometric Art Fair Award Ceremony: The students and classes that are chosen to represent each site in the District Geometric Art Fair will receive an email notification. An invitation for students' families to attend the ceremony will also be included.

Due Date for District Geometric Art Fair Projects: Sites, please deliver 1st, 2nd, and 3rd place projects to the Educational Services Office at the District Office by April 12, 2019.

Location/Date/Time for District Geometric Art Fair Award Ceremony: Bobby Duke Multipurpose Room, May 2, 2019, 5:30 – 7:30 pm

Entry Requirements:

- Entries may be created by individual students or by a class.
- Students/classes will create an **original** work of art.
- Individual and class entries must be created entirely by students. Adults may act as advisors only.
- Individual entries are judged separately from class entries.
- All entries will contain a **title, artist name, grade level, and connection to geometry.**
- Works of art can be two-dimensional or three-dimensional.
- All entries must be appropriate for the TK-12 setting (no references to violence, hate, drug or alcohol use, nudity, etc.).
- Any evidence of plagiarism will result in disqualification.

The judging panel will not accept any works of art into the Geometric Art Fair that do not adhere to the entry requirements. Works of art containing the following, and/or an allusion to the like, will be subject to disqualification from the Fair:

- Violent/gory images
- Guns, knives, or weapons
- Explicit, inappropriate, or foul language
- Drugs, illegal substances, alcohol, or other paraphernalia

Elements of a Good Entry: Each entry should feature *51% or more* of one of these geometric elements.

- Shape (two-dimensional; simple or complex)
- Solid (three-dimensional)
- Orientation
- Spatial relations
- Lines and/or angles
- Patterns
- Symmetry
- Congruence
- Similarity
- Tessellations
- Polyhedra
- Origami/Kirigami

Additionally, each entry should consider the following elements of art.

- Color
- Form
- Line
- Shape
- Space
- Texture
- Value

The use of rulers, protractors, compasses, or similar tools is allowed and encouraged. Also, students may use attribute blocks or similar objects to trace a shape(s) onto their project. However, pre-printed coloring sheets are **not** allowed.

******* All entries will be returned to the artist at the conclusion of the District Fair.

Helpful websites for teachers:

Definitions of the elements of art

<http://www2.oberlin.edu/amam/asia/sculpture/documents/vocabulary.pdf>

Images of geometric art 2-dimensional (for inspiration only)

<https://www.google.com/search?hl=en&gl=us&tbm=isch&q=geometric%20art&gs>

Images of geometric art 3-dimensional (for inspiration only)

<https://www.pinterest.com/artisticsmag/geometric-sculptures/>

Mathematical Art Lessons

<https://www.artfulmaths.com/mathematical-art-lessons.html>

Paper models of polyhedrons

<https://www.korthalsaltes.com>

Make your own tessellation (paper cutting method)

<http://www.tessellations.org/methods-diy-papercut.shtml>

Origami Fun

<http://www.origami-fun.com/origami-instructions.html>

Modular Origami Diagrams

<https://www.origami-resource-center.com/modular.html>

Story books with a geometric focus that may be in the school or local library:

Shape Up! Fun with Triangles and Other Polygons by David Adler and Nancy Tobin

Grandfather Tang's Story: A Tale Told with Tangrams by Ann Tompert

Zachary Zormer: Shape Transformer by Joanne Reisberg

Triangles by David Adler

If You Were a Polygon by Marcie Aboff

Icky Bug Shapes by Jerry Pallotta

Round is a Mooncake: A Book of Shapes by Roseanne Thong

When a Line Bends...A Shape Begins by Rhonda Gowler Greene

Captain Invincible and the Space Shapes by Stuart J. Murphy

Shapes That Roll by Karen Nagel

Mummy Math: An Adventure in Geometry by Cindy Neuschwander

Seeing Symmetry by Loreen Leedy

The Greedy Triangle by Marilyn Burns

Circus Shapes by Stuart J. Murphy

Ship Shapes by Stella Blackstone

Sir Cumference (any in the series) by Cindy Neuschwander

What's Your Angle, Pythagoras? by Julie Ellis

The Warlord's Puzzle by Virginia Walton Pilegard