



Art & Creativity

1000 Paper Cranes

Reason For Class

Reason

Introduces students to ideas of culture, tradition, craft, and the stories that create them by learning about the history, traditions, and stories related to origami

Grant Outcome

Academic Success

Through careful coping and by following sequential steps students will exercise spatial awareness through the manipulation of geometric shapes while developing multicultural awareness by learning the history and context of origami

Improved Noncognitive Skills

By working collaboratively to create this large scale installation students will develop a sense of community and pride in themselves and their space

Class Structure

The class is structured to result in the installation of 1,000 cranes. Expect to spend 6 to eight hours installing the final structure. Videos and discussions should be used to make the most out of this experience

Vocabulary

Origami:

the Japanese art of folding paper into decorative shapes and figures.

Legend:

a traditional story sometimes popularly regarded as historical but unauthenticated

Symbol:

a thing that represents or stands for something else, especially a material object representing something abstract.

Tradition:

the transmission of customs or beliefs from generation to generation, or the fact of being passed on in this way.

Culture:

consists of the beliefs, behaviors, objects, and other characteristics common to the members of a particular group or society. Through **culture**, people and groups **define** themselves, conform to society's shared values, and contribute to society

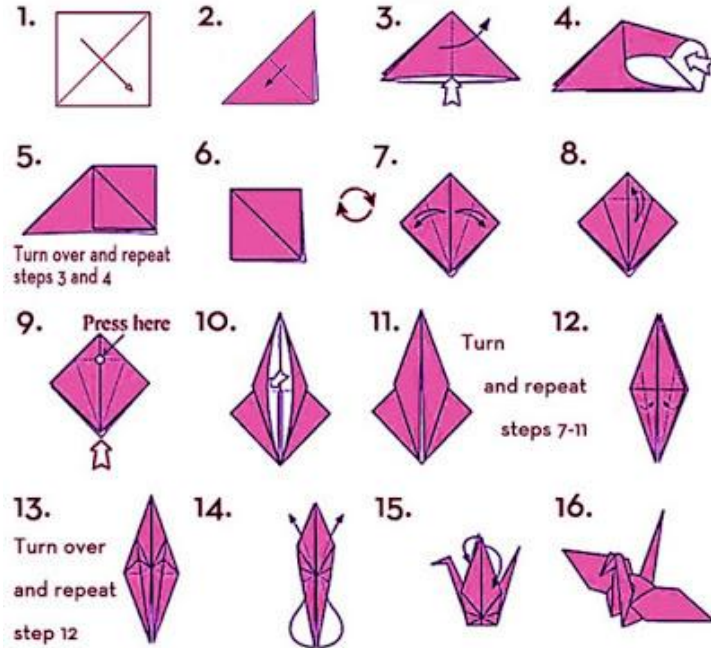
Career Connections

- Mathematics
- Engineering
- Historian
- Designer

Origami

The Japanese word “Origami” itself is a compound of two smaller Japanese words: “ori” (root verb “oru”), meaning to fold, and “kami”, meaning paper

How to Fold an Origami Crane



- There are a few different ways to fold a crane. I tried to find the easiest one.
- <http://www.instructables.com/id/How-to-make-a-Paper-Crane-1/>



Week #1: *INTRODUCE THE STORY*



Week #2: *TED TALK and FOLDING*



Week #3: *1,000 CRANES FOR 1,000 PEOPLE and FOLDING*



Week #4

The Math and Magic of Origami



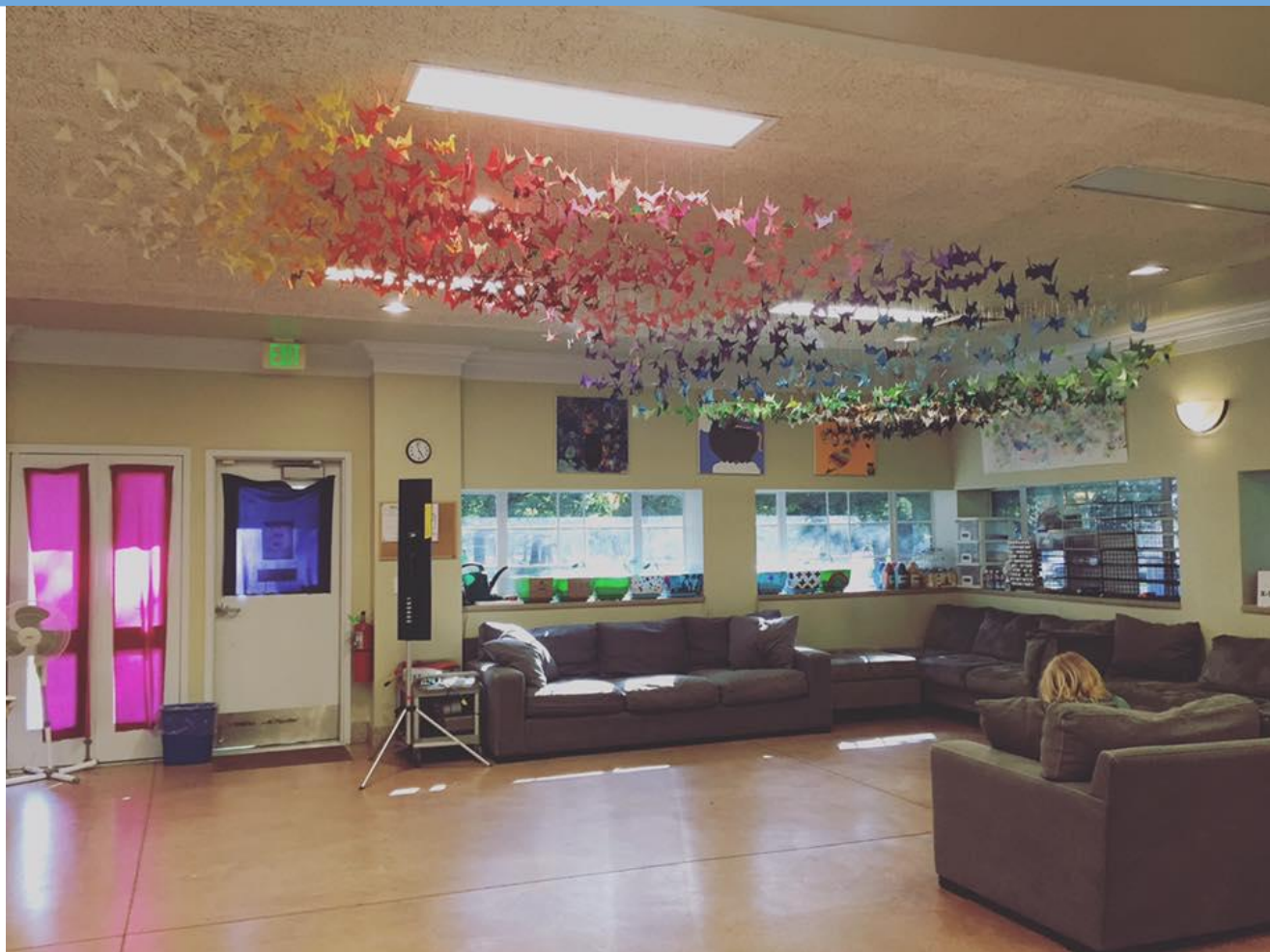
Week #5: FOLD, FOLD, FOLD!



Week #6: HANG THE CRANES

- Give yourself enough time to complete this task. It is time consuming, and you'll have sore fingers for a while!
- The best way to hang the cranes is to tie the string around the tack in a knot, then poking it through the ceiling. If you don't have time to do this, wrapping the string around the tack will suffice.
- We chose to hang our cranes chromatically and at an angle. You may hang your cranes whatever way you want.





Materials & Supplies

- *1,000+ pieces of origami paper (they tend to go “missing”)*
- *Fishing line*
- *1,000+ thumbtacks*
- *Good music*
- *Projector*
- *Computer*
- *A bright and shiny attitude!*

Pro Tips by Lauren Levorsen

- Show video clips at the beginning of the class. This tends to be the most effective way for them to pay attention.
- Figure out what you are going to do with the cranes with the kids before you fold them. This gives them purpose, and it goes to where they would like it.
- Count the cranes as you go! Recounting several times is monotonous.
- If you choose to keep the cranes at your building, give yourself time to hang them. It took us 8+ hours to finish.