GELLI ARTS® CLASSROOM LESSON PLAN

GRADES 5 TO 8

STEAM ORIGAMI CRANES

with Regina Scott



STUDENTS WILL BE ABLE TO

- complete a hands-on activity that teach origami.
- define the word origami.
- improve motor skills through careful folding, necessary for origami.
- develop multicultural awareness by exploring Japanese history.
- improve their ability to follow directions through the creation of origami.

ESSENTIAL QUESTIONS

- What is origami?
- Why is origami a unique style of sculpture?
- What is the significance of origami in the Japanese culture?

MATERIALS

- [ ] 8×10 Gelli Arts® Student Plate
- [ ] Brayers gelliarts.com
- [ ] Acrylic paint in multiple colors gelliarts.com
- [ ] Mark making tools gelliarts.com
- [ ] Stencils gelliarts.com
- [ ] Thin paper to print on such as copy paper or rice paper: at least one 8×8 piece per student (teacher choice)
- [ ] Newsprint
- [ ] Masking tape (to tape newsprint to table)
- [ ] Pencils
- [ ] Baby wipes
- [ ] Aprons, wood craft stick (optional), and handout with origami directions.

NOTES FOR THIS CLASS

VOCABULARY

Origami the art or process, originally Japanese, of paper folding.

Japan An island nation in between the Pacific Ocean and the Sea of Japan, consisting of the main islands of Hokkaido, Honshu, Shikoku, Kyushu, and over 3000 smaller islands.

Crane any long-necked long-legged wading bird, inhabiting marshes and plains in most parts of the world except South America, New Zealand, and Indonesia. A symbol of peace.

Migration A crane's flight from a colder to a warmer climate.

Echelon The V-formation in which cranes fly.

STEP BY STEP

1. Start with a square piece of paper right side away from you. Fold in half diagonally to make a triangle.
2. Fold this triangle in half by bringing the left corner and folding it to the right corner.
3. Take the top flap and open it, creasing the left and right sides so you can fold the top/right corner to the bottom corner.
4. Now turn the paper over and repeat step three on this side. You now have a diamond shape.
5. Take both sides of the top layer and fold them in to meet at the middle, then unfold. This is preparation for the next step.
6. Open the flap upwards, creasing on the horizontal kite line, and fold the left and right sides inward.
7. Flip over your piece and repeat steps five and six on this side. You now have a long diamond shape.
8. Take the upper layer of both sides and fold the lower parts into the center line.
9. Turn the paper over and repeat step eight on this side. At this point, your piece will look like a longer, thin diamond with two "legs" at the bottom.
10. Take the right flap and fold it over to the left flap.
11. Flip the whole piece over and repeat step ten to this side.
12. Take the bottom flap and fold it up to the top of the piece.
13. Flip the paper over and repeat step twelve to this side.
14. Take the top layer of the right flap and fold it over to the left side.
15. Flip it over and repeat step fourteen on this side.
16. Take the left and right pieces underneath the top flap and pull them out from the main piece. Crease the bottom of those pieces so they will stay spread out.
17. Take one of those pieces that you pulled out and slightly open the top corner so that you can bend a portion of it down to form the head. After bending a portion down, crease the sides of the head so the piece will stay bent.
18. Bend the wings down at a 90-degree angle and voila! You have made a beautiful origami crane!