

Menu: Symmetry in Art

Name: _____

Date: _____

Main Course (You must do each one.)

- Make a list of items for a class scavenger hunt that requires your classmates to find different types of symmetry in your school. Be sure to indicate specific types of symmetry for each item on the list.
- Create a symmetrical spinning top that you can share with a younger child. The design should include three line symmetries and a rotational symmetry of 60° .
- Choose one object in nature that has symmetry and study that object in depth. For example, you may choose to study the symmetry in butterflies. Be sure to include discussion of centers of symmetry in your report.

Side Orders (Complete two.)

- Make a kaleidoscope that makes symmetrical patterns when turned.
- Interview an artist about how he or she uses symmetry in his or her artwork.
- Reread *The Optical Artist*, by Greg Roza (2005), and write your own description of one of the symmetrical pictures in the book.
- Make a slide show of symmetry in nature.
- Choose one of the symmetry websites that have been saved as favorites to explore.
- Find three representations of optical illusions that are interesting examples of different types of symmetry.

Desserts (Do one or more if you are interested.)

- Read three other books about symmetry and write a review of one of them for your classmates.
- Write a poem about symmetry and visually display this poem in a symmetrical format.