

## Scavenger Hunt

I have chosen to modify an Everyday Math, fourth grade math lesson on lines of symmetry. I think the arts will enhance my math lesson by giving my students concrete hands-on, engaging examples. I have a lot of visual learners in my classroom and this will give them that visual association. I am going to have my students create radial symmetry drawings, while also tying in fractions as well. I will include many of the Visual Arts standards, under Pennsylvania's Standards for Arts and Humanities.

### Art standards to include:

9.1.3.A. Know and use the elements and principles of each art form to create the works in the arts and humanities.

**Elements** - Line, Shape, Form, Space

**Principles** - Proportion, Variety, Balance

9.1.3.C. Recognize and use fundamental vocabulary within each of the art forms.

Students will learn the following vocabulary: radial symmetry, line of symmetry, pattern, line.

9.1.3.K. Know and use traditional and contemporary technologies for furthering knowledge and understanding in the humanities.

Students learn that videos and the internet are resources for learning about the arts and humanities.

9.3.3.A. Recognize critical processes used in the examination of works in the arts and humanities.

Students analyze works of art (what do you see?).

9.3.3.B. Know that the works in the arts can be described by using the art elements, principles and concepts (use of line, shape, and space).

Students learn how to describe a work of art using the elements: line, shape, form, shape and the principles: proportion, variety, balance.