

Unit: Line and Pattern

Lesson: Radial Symmetry

Grade Level: 6th Grade

Standards:

C.8.1 Know the elements and principles of design

C.8.2 Understand what makes quality design

D.8.5 Learn common language in art, such as abstraction, representation, impressionism, reproduction, serigraphy, sculpture, graphic design, construction, and aesthetics

F.8.6 Create media works with a range of media techniques

J.8.7 Learn to use art criticism and aesthetic knowledge in art and design

Intro:

Student's heads will be spinning as they gain an understanding about radial balance through tasks involving the use of symmetry, repetition, and design.

Students will be able to:

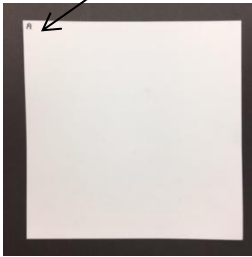
- create a composition depicting radial balance.
- design a radial point and an element of personal interest.
- be able to follow specific directions to create a multi-step piece

Materials:

- markers
- colored pencils
- pencils
- paper
- rulers
- circle & wedge templates
- Sharpie markers

Procedure:

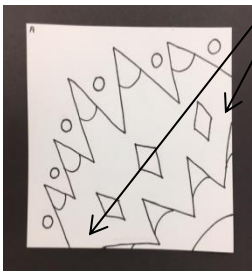
1. Start with a 6"x6" square piece of drawing paper and put a letter "A" in the upper left hand corner.



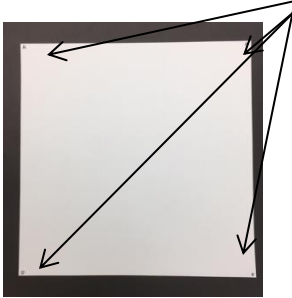
2. Flip the paper over and on the other side of the square in the upper right hand corner put a letter "B". (This should be in the same corner as the "A" but on the back side)



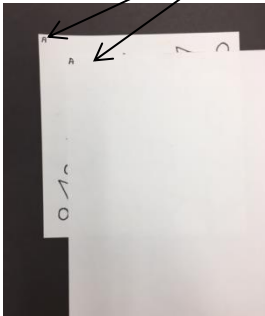
3. Draw a pattern with various shapes on the "A" side that touches both the bottom and right side of the square. (See example below) Trace the pattern with a sharpie marker.



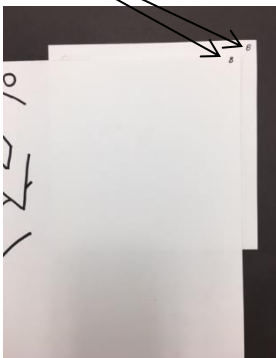
4. Prep a 12"x12" piece of drawing paper by placing a small letter "A" in the upper left hand corner and a small letter "B" in the upper right hand corner. Then, turn the paper upside down so that those letters are now on the bottom of the paper. Put another small letter "A" in the upper left and another small letter "B" in the upper right. (See example below).



5. Take your small (6"x6") paper and place it behind the larger (12"x12") and line up both of the letter "A"s. Make sure it is flush with the large paper. Then trace the design.



6. Flip the 6"x6" square around so that the letter "B" is in the upper right and corner and line up. Make sure the edges are flush. Trace the design.



7. Turn your large 12"x12" paper upside down and repeat steps 5 & 6.



Vocabulary:

Pattern: a decorative design, containing repetition

Kaleidoscope: optical instrument with varying symmetrical, colorful displays being shown on rotation

Space: element of art that refers to the shapes and forms and areas that exist around them

Radial balance: occurs when the elements of design come from a central point

Symmetry: two halves or sides are identical or balanced

Repetition: over and over-repeating

