**Rose Window Art (Radial Balance)**

**Lesson 1, Grade 5-8**

Name: Miss Yvonne

Grade level and subject: Grades 5-8 Art

Time: 12:50 – 1:40 PM

**Instructional Objectives:**

The student will be able to…

1. Verbally explicate radial balance by the end of class
2. Demonstrate radial balance by cutting shapes into a folded circle
3. Describe one characteristic of the rose window designed and built by Jehan de Chelles for the Cathedral of Notre Dame by participating in end-of-class discussion.

**Materials Needed:**

* Black construction paper (2 sheets per student)
* Pencils
* Scissors
* Paper plate (one per student)

**Scope and Sequence of Lesson**

**Hook / Anticipatory Set:**

* Tell the students about the rose window in the Cathedral of Notre Dame in Paris.
	+ Stained glass window
	+ Designed and built by Jehan de Chelles (Zhon duh Shell)
	+ 43 feet in diameter
	+ Filled with pictures that tell stories of biblical history
	+ Inscription beneath the window reads, “In the year of our Lord 1257, on Tuesday, February 12, this work was begun in honor of the Mother of Christ, during the lifetime of Jehan de Chelles, Master Mason.”
* Show pictures of the Cathedral and rose window using the power point with the lesson. Briefly talk about the other rose windows on the power point. Wait to show student art work until later in the lesson.

**Lesson**

**Introduction:**

* The window’s design is called **radial balance**.
* **Radial balance** is when a design is built around a center circle. Everything radiates out from that central area.
* Give examples of radial balance in nature: a flower, cross section of a tree trunk, spider’s web
* Take examples from class (more ex. snowflake, ceiling fan, wheel, carrot slice)
* What makes radial balance? (When things radiate out from a center circle.)

**Direct Instruction / Modeling:**

* Today we are going to begin to create our own rose window with construction paper. We will finish next week by adding tissue paper.
* Show finished project (or pictures of finished projects on power point)
* The first steps we will do together.

**Guided practice:**

* Trace around the paper plate to make a circle on a piece of black construction paper.
* Stack both pieces of construction paper and cut out the circle (cutting two circles at once). Give students time to do this.
* Take one circle and fold it in half. Fold again. Fold the third time. (Demonstrate)
* Cut along the edges of this triangle to make decorative openings in the circle. Make small cuts, leaving at least a half inch between each cut. (Demonstrate)

**Independent practice:**

* After a cut or two, open your circle to see how it looks. Then re-fold and continue to cut until you have enough cuts to make your circle look filled.
* Fold your second circle as you did the first.
* Trace the cuts that you made on your first black triangle onto your second one.
* Cut these out to make a circle with designs like the first one.
* Write your name on both papers.
* We will add colored tissue paper to finish your rose window the next art class.

**Closure:**

* On your paper plate, answer these two questions:
	+ What is one thing you remember about the rose window in the Cathedral of Notre Dame? (it has radial balance, built by Jehan de Chelles, began in 1257, pictures of biblical history, 43 feet in diameter, made of stained glass)
	+ Name something in this room or in your house that has radial balance.
* Now, who wants to share the answer for number one? (pick several students)
* Who will tell us an answer to number two? (pick several)
* Who can tell us what radial balance is?

For more detail, check out the online source for this lesson plan:

<http://www.arttango.com/fourth_grade_art_lessons/fourth_grade_Lesson_12.html>