ARTS LESSONS IN THE CLASSROOM

A COMPREHENSIVE K-6 VISUAL ART CURRICULUM

Aligned with Washington State Arts Standards and Common Core in English Langauge Arts and Math

1

2018 revisions were made possible with support from:

The Harvest Foundation

4 CULTURE

ARTSWA WASHINGTON STATE

TULALIP TRIBES

ArtsEdWashington.org
programs@artsedwashington.org

ART LESSONS IN THE CLASSROOM

ACKNOWLEDGMENTS

PREVIOUS FUNDERS AND CREATORS

Original Development

Susy Watts & Meredith Essex

WASHINGTON STATE ARTS COMMISSION

4CULTURE

CityofRedmond WASHINGTON

2009 Redisign

WEA Washington Education Association

Pro Bono Graphic Design: Jill Schmidt

2014 Revisions

The Bamford Foundation
The Norcliffe Foundation
Umpqua Bank

Pro Bono Graphic Design: Jill Schmidt
Content Revision: Meredith Essex

2018 CURRICULUM CREDITS

Graphic Design	Dave Taylor, OkayBro!
Photos	Peyton Beresini, Aline Moch, Abigail Alpern-Fisch
Copy	Alyssa Hays, Aline Moch, Danielle Gahl
Arts Standards	Cheri Lloyd
Spanish Translations	Aline Moch
Online Portal Support	Seven DeBord, Kube Warner

THANK YOU!

ArtsEdWashington.org
programs@artsedwashington.org

**ART LESSONS
IN THE CLASSROOM**

PROTOCOL GUIDELINES

The K-6 lesson handbooks were originally produced for the Lake Washington School District with grants from 4culture and ArtsWA.

The following protocols were developed to protect the information developed for this publication and share it with others at no cost.

COPYRIGHT	All lessons and supporting materials are protected by copyright. You are required by law to respect this and we ask you honor the time, talent, and expense invested.
COPY	Letters to families are intented for distribution and may be copied as needed. Lesson assessments are also intended for reproduction.
CREDIT	When printing your ALIC lessons, include the title and credit pages. Our creators and funders make this free, give them some credit!
FREE	No part of the handbook may be reproduced and sold for profit.
SHARE	Encourage your collegues, other schools, and organizations to use these materials by downloading their own copy at: www.artsedwashington.org/curriculum
HELP	Every child deserves arts education. Become a member of ArtsEd Washington so we can continue to provide free tools for teachers and fight for equitable access to arts education.

ARTS EDUCATION FOR ALL

FIRST GRADE LESSON TEN

LINES IN RADIAL BALANCE

Description Of Project:
Students create a relief print in radial balance.

Problem To Solve:
How does an artist respond to systems of organization seen in the natural and human-made world?

Student Understanding:
Organization of radial symmetry can represent specific forms in nature and the human-made world.

LEARNING TARGETS AND ASSESMENT CRITERIA

The Student:

LT: Identifies and makes radial balance.
AC: Partitions circle into equal quarters and repeats pattern of line in each quarter rotating around a center point.

LT: Makes a print.
AC: Transfers an even opaque ink layer from plate to paper.

EVIDENCE OF LEARNING

Art: Print

Identifies radial balance

Organizes and repeats line in each quarter that rotates around a center point

Makes a print with an even opaque ink layer transferred from plate to paper

EXAMPLE

VOCABULARY

- ***Balance***
- ***Brayer***
- ***Center***
- ***Printing Plate***
- ***Radial***
- ***Relief Print***
- ***Quarter***

RESOURCES

Richard Elliot, *Crossroads*, ArtsWA;

Ross Palmer Beecher, *Feathered 'World Without End*, 4Culture;

Henri Matisse, *Interior with Egyptian Curtain*

ART MATERIALS

- ***pencil (dull)***
- ***water-based block printing ink in primary colors***
- ***three 9x12" Plexi sheets***
- ***white paper cut into circles (same size as plates)***
- ***styrofoam plate centers***
- ***six brayers***
- ***newspaper***
- ***8x8" copy paper or color kraft paper***

FIRST GRADE LESSON TEN // LINES IN RADIAL BALANCE

INSTRUCTIONAL STRATEGIES

TEACHER	STUDENT
Introduce the concept of radial balance by naming and showing examples from the natural and human-made world. Find radial balance in Richard Elliot's *Crossroads*, Ross Palmer Beecher's *Feathered World Without End*, or Henri Matisse's, *Interior with Egyptian Curtain*. **Prompts**: Where do you see shapes that are repeated? Is there away that we could divide areas that show radial balance into equal parts: halves? Quarters? Where else do we see radial balance in our world?	Brainstorms for more examples of radial symmetry (Ferris wheels, flowers, seed-pods, hubcaps).
Review curved, straight and zigzag/jagged lines. Provide students with cut-out circle template on white copy paper the same size as Styrofoam printing plate. Demonstrate folding circle shape into quarters and making a drawing in radial balance by repeating all three kinds of line in each quarter around the center (where folds intersect). **Prompts**: Line up the edges of your paper circle to fold in half. Line up the edges again to fold into equal quarters. Be sure to repeat lines in each quarter around the center point until you complete the circle.	Observes and creates a practice radial design on folded paper circle template.
Demonstrate layering the circle practice drawing on top of the plate and tracing over the folds in pencil to divide the Styrofoam circle into equal quarters. Students then re-draw (pressing hard) their paper circle design in radial symmetry into the Styrofoam plate. Carrie plate to printing station and demonstrate rolling a nickel size blob of ink out on a Plexi surface to create an even distribution of ink on the brayer. Transfer ink from Plexi surface to Styrofoam plate by rolling the ink on the plate with the brayer. Center the inked plate upside-down in the middle of a piece of paper. Cover with a piece of newsprint and print on paper by rolling over the cover paper with an additional clean brayer. Pull print by turning whole set over and then pulling paper from one side to the other while lifting it up.	Observes complete printmaking process. Divides Styrofoam plates into quarters using folded paper circle template. Draws radial design into plate as a whole class. Prints in small groups with the supervision of an adult.

FIRST GRADE LESSON TEN // LINES IN RADIAL BALANCE

SKILLS AND TECHNIQUES

Inking plate

Pulling a print brayer

ART STUDIO TIP

Teacher should demonstrate entire process so students see how drawing on Styrofoam plate relates to final prints.

Use same template to cut out flat center of plates and for the copy paper.

Roll out nickel-size worth of paint onto Plexi. Rolled out ink should be opaque, sticky sounding and have an orange-peel texture. Reapply between each print.

LESSON EXPANSION

Students create radial balance using dabs and strokes in watercolor,

EVERYDAY CONNECTIONS

flowers, wheels, fireworks

LEARNING STANDARDS

Visual Art

1.1.a Engage collaboratively in exploration and imaginative play with materials.

2.1.a Explore uses of materials and tools to create works of art or design.

2.2.a Demonstrate safe and proper procedures for using materials, tools, and equipment while making art.

3.a Use art vocabulary to describe choices while creating art.

Common Core Math

1.G.A.1. Partition circles and rectangles into two and four equal shares using the words "halves", "fourths" and "quarters". Describe the whole as two of or four of the shares.

1.G.A.1. Distinguish between defining attributes versus non-defining attributes; build and draw shapes to possess defining attributes.

FIRST GRADE LESSON TEN // LINES IN RADIAL BALANCE

ASSESSMENT CHECKLIST

LEARNING TARGET	ASSESSMENT CRITERIA
Identifies and makes radial balance.	Partitions circle into equal quarters and repeats pattern of line in each quarter rotating around a center point.
Makes a print.	Transfers an even opaque ink layer from plate to paper.

STUDENT	IDENTIFIES RADIAL BALANCE	REPEATS PATTERN OF LINE IN QUARTERS FROM CENTER POINT	MAKES AN EVEN OPAQUE INK LAYER	TRANSFERS IMAGE FROM PLATE TO PAPER	TOTAL POINTS