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Scratch-Foam Printing with Water-Soluble Inks

1. Overview

- a. Artist, Printmaker and educator Barbara Mason demonstrates Scratch-Foam printing as a classroom art activity on the desktop. This project requires a few dedicated tools (such as brayers and water-soluble ink) that can be reused for other classroom activities.
- b. Grade level: Preschool-6th Gr.
- c. Vocabulary
 - i. Water-Soluble
 - ii. Diagonal
 - iii. Horizontal
 - iv. Environmental
 - v. Vertical
 - vi. Brayer
- d. Art Medium
 - i. Scratch-Foam, take-out food containers
 - ii. Scratch-Foam, 12-9" x 12" sheets
 - iii. Card-stock cut into 4" squares
 - iv. Putty knife
 - v. Water-based inks
 - vi. Block printing ink
 - vii. Rolling pin
 - viii. Spray bottle with dish soap
 - ix. Damp cloth for hand cleanup

2. Fun Facts

- a. For 5,000 years, Chinese have used a carbon based ink to write and paint. The paint is made for carbon, egg whites or glue made from fish or ox, and water.
- b. Prehistoric painters used pigments available in the vicinity. They were created from carbon (burnt bones), umber, calcite, and red and yellow and other minerals.
- c. Some of the earliest cave paintings date back 60,000 years.
- d. The earliest form of printing dates back to 3,500 BC when the Persian and Mesopotamian civilization used cylinder seals to certify documents written in clay.
- e. In the 15th Century, European printmakers created a printing press with metal keys to mass-produce books.

3. Lesson Plan

- a. Elements of Art
 - i. Line
 - ii. Shape
 - iii. Space
 - iv. Color
- b. Principles of Design
 - i. Rhythm
 - ii. Balance
 - iii. Emphasis
 - iv. Proportion
 - v. Variety
- c. Visualization
 - i. How did the lines change when you printed them?
 - ii. How did the width you drew between your lines on you Scratch-Foam impact your print?
 - iii. As you pushed your rolling pin across the Scratch-Foam, how did the intensity of the color change when you printed your work of art?
- d. Goals and Objectives
 - iv. Students will understand the difference between warm and cool colors.
 - v. Students will be able to draw and understand the variety of lines that exist.
 - vi. Students will learn hand eye coordination by moving the brayer across the Scratch-Foam after second grade.
 - vii. Students learn cause and effect by seeing how the choices of color they choose prints.
- d. Students Critique Questions
 - i. What do you like about your print?
 - ii. What do you like about your classmates' prints?
 - iii. How would you do your print differently?
 - iv. Are some lines and patterns more pleasing to your eye than others?
 - v. How did the colors you chose to use effect the design of your print?

4. Standards Met

- a. To meet stands, students should be encouraged to watch the following videos
 - i. Printmaking Overview
<https://www.youtube.com/watch?v=QZ43LDYjgxQ>
 - ii. British Museum virtual tour of prints and drawings
<https://www.britishmuseum.org/collection/galleries/prints-and-drawings-virtual-gallery>

iii. Northwest Profiles: Vintage Bovey (Printmaker/Artist Chris Bovey)

<https://www.youtube.com/watch?v=0PI3LyzzUCI>

iv. Northwest Printmaker Yuji Hiratsuka

<https://watch.opb.org/video/oregon-art-beat-printmaker-yuju-hiratsuka/>

COMPLIANCE WITH EDUCATIONAL STANDARDS (PER GRADE)

Pre K

Assistance will need to be given to applying the print ink by brayer.

VA.1.CR.PK #1 & #2., VA.3.CR3.PK #1. & #2., VA.9.RE3.PK #1., VA.11.CO2.PK #1. VA:Cr1.1.PKa, VA:Cr1.2.PKa, VA:Cr2.1.PKa, VA:Cr2.2.PKa, VA:Cr3.1.PKa, VA:Re.7.1.PKa, VA:Re9.1.Pka, VA:Cn10.1.Pka, VA:Cn11.1.Pka,

Kindergarten

Assistance will need to be given to applying the print ink by brayer.

VA.1.CR1.K #1. & #2., VA.2.CR2.K #1., VA.3.CR3.K #1. & #2., VA.5.PR2.K #1., VA.9.RE3.K #1., VA.11.CO2.K #1., VA:Cr1.1.Ka, VA:Cr1.2.Ka, VA:Cr2.1.Ka, VA:Cr3.1.Ka, VA:Pr6.1.Ka, VA:Re9.1.Ka

1st Grade

Assistance will need to be given to applying the print ink by brayer.

VA.1.CR1.1 #2., VA>3.CR3.1 #1. & #2., VA.6.PR3.1 #2., VA.8.RE2.1 #1., VA.9.RE3.1 #1., VA:Cr1.1.1a, VA:Cr1.2.1a, VA:Cr2.1.1a, VA:Cr3.1.1a

2nd Grade

Assistance will need to be given to applying the print ink by brayer.

VA.1.CR1.2 #1., #2., & #3., VA.2.CR2.2 #1., VA.3.CR3.2 #1., #2., & #3., VA.8.RE2.2#1., VA.9.RE3.2 #1., VA:Cr1.1.2a,VA:Cr1.2.2a, VA:Cr2.2.1.2a, VA:Cr3.1.2a, VA:Re8.1.2a, VA:Re9.1.2a

3rd Grade

VA.1.CR1.3#3.,VA.2.CR2.3#1.,VA.3.CR3.3#2.,VA.6.PR3#2.,VA.7.RE1.3#2. VA.8.RE2.3#1.,#2., VA.9.RE3.3#1., VA:Cr1.1.3a, VA:CR1.2.3a,

VA:Cr1.2.3a, VA:Cr2.1.3a, VA:Cr3.1.3a, VA:Re7.1.3a, VA:Re8.1.3a,
VA:Re9.1.3a,

4th Grade

VA.1.CR1.4 #1., #2. & #3., VA.2.CR2.4 #1., VA.3.CR3.4 #1. #2. & #3.,
VA.7.RE1.4 #2. & #3., VA.8.RE2.4 #1., VA.9.RE3.4 #1., VA.10.CO1.4
#2.VA:Cr1.1.4a, VA:Cr1.2.4a, VA:Cr2.1.4a, VA:Cr3.1.4a, VA:Re.7.1.4a,
VA:Re.7.2.4a, VA:Re8.1.4a, VA:Re9.1.4a,

5th Grade

VA.1. CR1.5 #1. & #2., VA.2. CR2.5 #1. & #2., VA.3.CR3.5 #1, #2.,
#3.VA.7.RE1.5 #1., #2., & #3., VA.8.RE2.5 #1., VA.9.RE3.5 #1.,
VA.10.CO1.5 #1., VA:Cr1.1.5a, VA:Cr1.2.5a, VA:Cr2.1.5a, VA:Re.7.1.5a,
VA:Re.7.2.5a, VA:Re8.1.5a, VA:Cn10.1.5a

6th Grade

VA.1. CR1.6 #1., #2. & #3., VA.2.CR2.6 #1., VA.3.CR3.6 #1., #2., & #3.,
VA.3.CR3.6 #4. VA.4.PR1.6 #1., VA.7.RE1.6 #1., #2., & #3.,
VA.8.RE2.6 #1., VA.9.RE3.6 #1., VA.10.CO1.6 #1. & #2., VA:Cr1.1.6a,
VA:Cr1.2.6a, VA:Cr2.1.6a, VA:Cr3.1.6a, VA:Re8.1.6a, VA:Re9.1.6a,
VA:Cn10.1.6a

