

Making Winter Pop-Ups with Barbara & Friends

1. Overview

- a. In this video, artist and printmaker Barbara Mason demonstrates how to make your own cozy winter scenes using paper cut-outs that you can color in and glue together to make your own 3D picture.
- b. Grade level: Kidergarten-4th Grade
- c. Vocabulary
 - i. Right angles
 - ii. Perspective
 - iii. Diorama
 - iv. Three-Dimensional
 - v. Two-Dimensional
 - vi. Foreground
 - vii. Background
 - viii. Deciduous
 - ix. Hotdog fold
- d. Art Medium
 - i. Printer paper (cardstock works best)
 - ii. Pencil
 - iii. Tape
 - iv. Crayon
 - v. Glue stick
 - vi. Colored pencils
 - vii. Access to the internet for inspiration

2. Fun Facts

- a. Louis Daguerre, inventor of the Daguerreotype process of photography in the 19th century, created the word diorama to explain miniature and large-scale models of 3/D scenes.
- b. The art of miniature figures and landscapes has been around a long time. In Japan, the art of miniature landscapes is called "Bonkei" and it is thought to have first made its appearance in the sixth century. The art of "Bonsai", which is the art of growing miniature trees in pots and making them look like their natural counterparts is thought to have its origins at around this same time period.
- c. The first pop-up book was more of a machine than a book. It was created by the mathematician, Ramon Llull in the 13th century.
- d. Introduction to dioramas and the Natural History Museum in New York, New York. <https://www.amnh.org/shelf-life/discoveries-in-dioramas>
- e. Meet pop-up artist Peter Dahmen <https://www.stefaniamorgante.com/paper-pop-ups-peter-dahmen/>

3. Lesson Plan

- a. Elements of Art
 - i. Line
 - ii. Shape
 - iii. Form
 - iv. Space
 - v. Texture
- b. Principles of Art
 - i. Rhythm
 - ii. Balance
 - iii. Emphasis (contrast)
 - iv. Proportion
 - v. Gradation
 - vi. Harmony
 - vii. Variety
 - viii. Movement
- c. Visualization
 - i. Describe how making your into a pop-up changes your perspective of the drawing.
 - ii. How did adding color change the perspective of your pop-up?
 - iii. How do pop-ups in books and dioramas help to tell a story?
- d. Goals and Objectives
 - i. Students will learn about the concepts of pop-ups.
 - ii. Students will learn to work with color within their designs.
 - iii. Students' hand-eye coordination will be exercised by the folding of paper and creation of their pop-up drawing.

4. Standards Met

- a. To meet standards, students should be encouraged to watch the following videos: Pop-up Paper Sculptures with Peter Dahmen
<https://www.youtube.com/watch?v=05FEzSCBGoM>
- b. Master Paper Engineer & Designer - Yoojin Kim
- c. <https://www.youtube.com/watch?v=hXtk-T9Hfg>

COMPLIANCE WITH EDUCATIONAL STANDARDS (PER GRADE)

Kindergarten

VA.1.CR1.K #1. & #2., VA.2.CR2.K #1 & #2., VA:Cr3..K #1. & #2., VA.7.RE1.K #1., VA.8.RE2.K #1., VA.9.RE3.K #1., VA.10.CO1.K #1.& # 2., VA.11.CO2.K #1., VA:Cr1.1.Ka, VA:Cr1.2.Ka,

VA:Cr2.1.Ka, VA:Cr2.3Ka, VA:Cr3.1.Ka, VA:Re.7.2.Ka,
VA:Re8.1Ka, VA:Re9.1.Ka, VA:Cn10.1.Ka, VA:Cn11.1.Ka

1st Grade

VA.1.CR1.1 #1., #2., & #3., VA.2.CR2.1 #1.,& #3., VA.3.CR3.1 #1.
& #2. VA.7.RE1.1 #1. & #2., VA.8.RE.2.1 #1., VA.9.RE3.1 #1.,
VA.10.CO1.1 #1., VA.11.CO2.1 #1. & #2., VA:Cr1.1.1a,
VA:Cr1.2.1a, VA:Cr2.1.1a, VA:Cr3.1.1a, VA:Pr4.1.1a,
VA:Re.7.2.1a, VA:Re8.1.1a, VA:Re9.1.1a

2nd Grade

VA.1.CR1.2 #1., #2. & #3., VA.2.CR2.2 #1. & #3., VA.3.CR3.2
#1., #2., & #3.,VA.7.RE1.2 #1. & #2., , VA.8.RE2.2 #1.,
VA.9.RE3.2 #1.,VA.10.CO1.2 #1. & #2., VA:Cr1.1.2a, VA:Cr2.1.2a,
VA:Cr2.3.2a, VA:Cr3.1.2a, VA:Pr5.1.2a, VA:Re.7.1.2a,
VA:Re.7.2.2a, VA:Re8.1.2a, VA:Re9.1.2a

3rd Grade

VA.1.CR1.3 #2., & #3., VA.2.CR2.3 #1., VA.3.CR3.3 #1., #2., #3.,
VA.7.RE1.3 #1. & #2., VA.8.RE2.3 #1. & #2., VA.9.RE3.3 #1.,
VA.10.CO1.3 #1., VA:Cr1.1.3a, VA:Cr1.2.3a, VA:Cr2.1.3a,
VA:Cr3.1.3a, VA:Re.7.1.3a, VA:Re8.1.3a, VA:Re9.1.3a,
VA:Cnn10.1.3a

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 #1., #2., & #3.,
VA.8.RE2.4 #1., VA.9.RE3.4 #1., VA:Cr1.1.4a, VA:Cr1.2.4a,
VA:Cr2.1.4a, VA:Cr3.1.4a, VA:Re.7.1.4a, VA:Re9.1.4a