**GRADE LEVEL**
Fourth Grade

**TIME REQUIRED**
50 minutes

**ASSESSMENT**
Both the students’ notes and their exit visas will be assessed for content.

**MATERIALS NEEDED**
1. e-WV
2. Supplemental materials about West Virginia’s glass industry, including video
3. Paper and pencil, notecards

**IMPORTANT ARTICLES RELATED TO THE GLASS INDUSTRY**
Glass Industry: [www.wvencyclopedia.org/articles/2116](http://www.wvencyclopedia.org/articles/2116)
Blenko Glass: [www.wvencyclopedia.org/articles/536](http://www.wvencyclopedia.org/articles/536)
Fenton Art Glass Company: [www.wvencyclopedia.org/articles/2249](http://www.wvencyclopedia.org/articles/2249)
Fostoria Glass: [www.wvencyclopedia.org/articles/2061](http://www.wvencyclopedia.org/articles/2061)
Glass Sand Mining: [www.wvencyclopedia.org/articles/2117](http://www.wvencyclopedia.org/articles/2117)
Michael Joseph Owens: [www.wvencyclopedia.org/articles/1788](http://www.wvencyclopedia.org/articles/1788)
Owens-Illinois Glass Company [www.wvencyclopedia.org/articles/1786](http://www.wvencyclopedia.org/articles/1786)
Pilgrim Glass [www.wvencyclopedia.org/articles/1856](http://www.wvencyclopedia.org/articles/1856)
Wissmach Glass Company: [www.wvencyclopedia.org/articles/2370](http://www.wvencyclopedia.org/articles/2370)
Marbles: [www.wvencyclopedia.org/articles/1495](http://www.wvencyclopedia.org/articles/1495)

**LESSON ACTIVITIES**
1. Teacher will present a mini-lecture on the history of glass-making from information in e-WV. Students will take notes throughout.
2. Students will view photos of glass-making available with Wissmach Glass Company article at [www.wvencyclopedia.org/articles/2370](http://www.wvencyclopedia.org/articles/2370). Students will view this short video: [www.wvencyclopedia.org/media/29218](http://www.wvencyclopedia.org/media/29218).
2. Students will view video of glass-making at Blenko at www.blenko.com/Photo_Aลบum.php Students will take notes throughout the video presentation.
3. Students will prepare “exit visas” by listing five important facts about the glass industry.

WEST VIRGINIA NEXT GENERATION CONTENT STANDARDS AND OBJECTIVES

SOCIAL STUDIES-WEST VIRGINIA HISTORY

SS.4.18: Compare and contrast West Virginia’s population, products, resources and transportation from the 18th century through modern day.
SS.4.19: Pose, research and answer student-generated questions relating to West Virginia (e.g., primary source documents, magazines, online resources, etc.).

DSS.3-5.6: Develop Academic Motivation
  • Use personal skills, interest, and accomplishments to support learning.
  • Independently and collaboratively approach tasks and activities with flexibility and creativity.
  • Use abilities and accomplishments to maximize learning opportunities.