Great Lakes
Great Lives

Jean Dunstan

Lesson Overview
Students tour the Great Lakes Shipwreck Museum at Whitefish Point (or another lighthouse or life-saving station) and select a person who was engaged in protecting the lives of ship captains and crews on the Great Lakes during the past 150 years. The student then focuses on learning more about this person during their visit. Some possible individuals include: lighthouse keepers, their families, life-saving station keepers, or their crews. Students write a narrative or bio-poem about the person they select in order to focus on the characteristics of a person, animal, or object. The lesson encourages teachers and students to appreciate the pioneering spirit embraced by the early settlers of the U.P. during the mid-to-late 1800’s and first half of the 1900’s.

Learning Objectives
After this lesson, students will be able to
1. Describe the lifestyle of lighthouse keepers and their families before lighthouses were automated in the late 1950s.
2. List the types of ships that plied the waters off Whitefish Point in the early 1900s.
3. Create a bio-poem of a person or ship that is displayed at the Great Lakes Shipwreck Museum (or found online)

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Background
The Upper Peninsula of Michigan is home to many lighthouses constructed between the mid-1800’s and early 1900’s. It was during this time that the Upper Peninsula copper and iron ore boom was occurring, necessitating heavy ship traffic on Lake Superior to transport both people and the copper and iron ore to and from the more populated areas and ports along Lakes Michigan, Huron, Erie, and Ontario. The Copper Harbor Lighthouse and the Whitefish Point lighthouse both began operation in 1849 and were the first two land-based navigational aids established on treacherous Lake Superior.

Life-Saving Stations (many of which are now Maritime Museums) were built in the late 1800s to house the crews and equipment which would be called upon to save the lives of passengers and crews of ships in distress. In 1915, the U.S. Life-Saving Service was merged with the Revenue Cutter Service to create the U.S. Coast Guard. Approximately 60 stations were located along the Great Lakes shoreline.

Advance Preparation
Make overheads of sample bio-poem, bio-poem format, and copies of bio-poem outline for students. If a field trip to a lighthouse is not possible, students may research Great Lakes lighthouses or life-saving station keepers online.

Procedure
A Bio-poem can be used to teach students to focus on the characteristics or traits of a person, place, object or animal. It requires the student to put themselves in the subject’s shoes. Teachers will familiarize students with the structure of a bio-poem prior to the field trip to the lighthouse museum by reviewing the worksheet.
1. Explain that a bio-poem can be used to teach students to focus on the characteristics or traits of a person, place, object or animal. It requires the student to put themselves in the subject’s shoes.

Introduce students to the structure of a bio-poem, showing an overhead transparency of the sample bio-poem and the bio-poem format. Have students complete a bio-poem about themselves. Have students volunteer to share their autobiographical bio-poems aloud.

2. If you are able to visit the Great Lakes Shipwreck Museum (or another lighthouse or maritime museum), have students take a tour looking for informational text about past lighthouse keepers, life-saving station crew members, or ship captains and crews. Students should choose one person or ship about whom they can fill out the bio-poem worksheet. Alternatively, students may look online to find information about lighthouse keepers or life-saving station crew members.

3. Students should read and take notes on the informational text they obtain, and if possible, interview docents at the museum for additional information.

Students should have the interview skills necessary by the 7th grade. If not, here are a few sample questions they could ask about children who may have lived at a lighthouse:

   a. Have any children lived at this lighthouse? If so, what were their ages?
   b. What kinds of activities did the children do for fun?
   c. What kinds of chores did the children have to do?
   d. What would a typical day be like for a child living at a lighthouse in the late 1800’s?

4. Students are encouraged to use words that are concise and descriptive in their bio-poems. The Student Handbook from Power Writing Plus: Teach the Traits of Effective

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**STANDARDS**

**Michigan Grade Level Content Expectations (GLCEs) Addressed**

**Grade 7 Language Arts**

W.PR.07.03 revise drafts to reflect different perspectives for multiple purposes and to ensure that content, structure, elements of style and voice, literary devices, and text features are consistent.

W.PR.07.05 proofread and edit writing using grade-level checklists and other appropriate resources both individually and in groups.

W.PS.07.01 exhibit personal style and voice to enhance the written message in both narrative (e.g., personification, humor, element of surprise) and informational writing (e.g., emotional appeal, strong opinion, credible support).

**Grade 7 Social Studies**

7-G4.2.1 List and describe the advantages and disadvantages of different technologies used to move people, products, and ideas throughout the world.

7-G4.3.2 Describe patterns, processes, and functions of human settlement using historical and modern maps.
Writing by Shirley Poulton has many examples of descriptive “power” words. 
Happy Adjectives – amazing, beautiful, cheery, enchanting, incredible, joyful
Adjectives that describe size – colossal, gigantic, miniature, teeny
Adjectives that describe how old – ancient, antique, decaying
Adjectives that describe speed – fast, poky, quick, rapid

Assessment of Student Learning
Bio-poem Worksheet – 25 points for completed poem. Student work is graded according to accurate word choice and fluency.

Rubric for Note-Taking

<table>
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<tr>
<th>Student</th>
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<th>2</th>
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<td>NAME</td>
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<tr>
<td>Notes are missing</td>
<td>An attempt has been made to write notes</td>
<td>Notes on two ships are present</td>
<td>Notes on three ships are present</td>
<td>Notes are present for three ships and the shipping industry</td>
<td>Excellent: Notes are complete on three or more ships, people who lived at the lighthouses and the shipping industry</td>
<td></td>
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**Extensions**

Have students write a ‘compare and contrast essay’ on their life versus the life of a person who lived at a Great Lakes lighthouse prior to 1950.


This website includes a teacher guide with activities designed to bring awareness to the plight of America’s Lighthouses.

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**WEBSITES FOR STUDENT USE**

Great Lakes Lighthouse Keepers at Mackinaw City, MI
http://www.gllka.com/

Great Lakes Lights
http://www.usalights.com/lakes.htm
This website has a list of books available on lighthouses located along the Great Lakes.

Great Lakes Shipwreck Museum at Whitefish Point.
http://www.shipwreckmuseum.org/

Legendary Lighthouses
This website is a photo gallery of lighthouses located along the Western Great Lakes.

Lighthouses
http://www.michigan.org/travel/attractions/?m=2;6&city=
This site offers a list of accessible lighthouses in Michigan along with a map. http://www.exploringthenorth.com/lights/lights.html)
References


*Can Teach.* How to Write a Bio-poem. www.canteach.ca


Bio-Poem Format

1. First name

2. Four traits that describe character

3. Relative (example-brother, sister, mother of)

4. Lover of (three things or people)

5. Who feels (three items)

6. Who needs (three items)

7. Who fears (three items)

8. Who gives (three items)

9. Who would like to see (three items)

10. Resident of

11. Last name
Bio-poem Worksheet – 25 points for the completed poem

1. First name of person or ship (1 point together with last name)

2. Traits of the person or ship - list at least four (4 points)

3. Relative of (for people) – one or more people (1 point)
   Peer of (for ships) – one or more ships (1 point)
   Students may use the names of other ships that operated at the same time as “their” ship.

4. Lover of (three things or people) (3 points)

5. Who feels (three items) (3 points)

6. Who needs (three items) (3 points)

7. Who fears (three items) (3 points)

8. Who gives (three items) (3 points)

9. Who would like to see (three items) (3 points)

10. Resident of (1 point)

11. Last Name (1 point together with first name)
Sample Bio-poem

“Edmund”

Stalwart, reliable, dependable, super-sized

Peer of Arthur Anderson

Lover of wide open spaces, sunny days, calm seas

Who feels sturdy, important, steady

Who needs a crew, fuel, water

Who fears shallow water, reefs, storms

Who gives time, energy, strength

Who would like to see loaded docks, clear skies, light breezes

Resident of the Great Lakes

Fitzgerald