

Lesson 7.2

SHIPS: WHICH IS WHICH?

Objective: Students will identify the functions of four different ship designs, both historical and contemporary, by studying their photographs and answering questions about their uses.

Materials:

- **Sheet 7.2:** Ships: Which is Which? student handout.
- **ANSWER KEY:** 1: A; 2: B; 3: C; 4: A; 5: D; 6: D; 7: A; 8: C; 9: D; 10: Variable.

Timing: One class period

Background Reading:

- Chapter Seven, Section Two

Procedure:

1. Review Chapter Seven, Section Two with students. Discuss the importance of design in creating a ship. Talk about the architectural concept of form following function: a ship is built for its purpose.
2. Have students complete the Ships: Which is Which? handout.
3. Go over answers with students. Discuss with students:
 - Why is design so important in shipbuilding?
 - Can you think of better ways to design the ships you see?
 - What kinds of things must a shipbuilder keep in mind when designing a ship? Why?

Follow up Activities:

- Invite a shipbuilder to visit the class and speak about ship design.
- Have students make a ship collage, supplying photographs of as many different kinds of ships they can find and identifying their functions.

Alignment with Learning Results:

Grade Level: **6th-8th**

Content Area: Social Studies: **HISTORY**

Standard: **Historical Knowledge, Concepts, Themes, and Patterns**

Students understand major eras, major enduring themes, and historic influences in the history of Maine, the United States, and various regions of the world.

Descriptor **E1b**: Analyze and critique major historical eras, major enduring themes, turning points, events, consequences, and people in the history of the United States and world and the implications for the present and the future.

Grade level: **6th-8th**

Content Area: Visual and Performing Arts: **AESTHETICS AND CRITICISM**

Standard: **Aesthetics and Criticism**

Performance Indicator **D1**: Students compare and analyze art forms.

Name: _____ Date: _____

SHIPS: WHICH IS WHICH?

Look closely at the pictures of four different ships. Why do you think they were designed and built the way they were? Answer the questions below by writing the letter A,B,C, or D on the printed lines. When you are finished, check your answers with the ones printed at the bottom of the page.



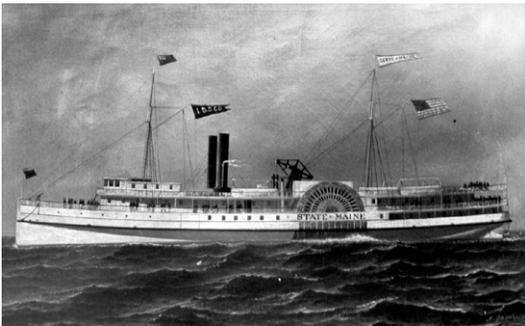
A.

Image courtesy of the Maine Maritime Museum



B.

Image courtesy of the Maine State Archives, reprinted with permission by the Border Historical Society



C.

Image courtesy of the Maine Historical Society



D.

Image courtesy of the Maine Maritime Museum

Name: _____ Date: _____

1. Which ship was called the Down-Easter? _____

2. Which ship was a small schooner, used to fish mackerel? _____

3. Which ship was used as a passenger ferry between Boston, Bangor, and Mount Desert Island in the late 1800s? _____

4. Which ship is best suited for the open seas? _____

5. Which ship is most convenient for lobster fishing? _____

6. Which ship is still used the most in the fishing industry today? _____

7. Which ship was built to carry grain overseas to Europe? _____

8. Which ship uses coal for fuel? _____

9. Which ship uses oil or gas? _____

10. Which ship(s) do you think are the best overall for the environment? _____

Why? _____
