

# LESSON PLAN - DOWN THE WAYS, THE WOODEN SHIP ERA

NOTE: The Basic Field Trip includes the INTRODUCTION, EXHIBITION, DOCUMENTS & OPTION 1, 2 or 3

## INTRODUCTION:

### **19<sup>th</sup> Century Maritime Transportation on Long Island**

**Local Industries:** Captains, Chandlers and Wooden Ships; Shipyards & homes

**Primary Research:** documents, photographs, logbooks, journals, letters, buildings, landscapes

**Secondary Research:** books, pamphlets, maps

**Discovery:** charts & directions: finding north by compass, sun and Polaris. Sailing directions.

## EXHIBITION:

(Time: 1-1.5 Hr)

### ***The Sailing Circle: 19<sup>th</sup> Century Seafaring Women From New York***

#### Blue-Water Merchant Wives

Mary Satterly Rowland, Capt. Henry Rowland, Children: Woodhull, Mary Emma & Henrietta; brigs Thomas W. Rowland, *Mary E. Rowland* and bark *Modesta*.

Mary Swift Jones, Capt. Benjamin Jones, Capt. Scudder Jayne, Ellen Jones Jayne

Elizabeth Evans Jones, Children: Florence, Bessie, Carrie

Martha Maria Bayles, bark *Atalanta*

#### Long Island Coasting Women

Carrie Hubbard Davis, schooner *Jacob S. Ellis*

Mary Satterly Rowland, schooner *Stephan H. Townsend*

Ettabel Raynor, schooner *Ruth B. Cobb*

NOTE: See Walking Tour below for chart & navigation part of exhibition program

## DOCUMENTS:

(In Exhibition)

**Log Book:** Captain Henry Rowland, brig *Thomas W. Rowland*, Malagia-New Orleans 1857

**Journal:** Mary Satterly Rowland, New Orleans-Genoa, Jan. 17-22, 1867

**Logbook:** Henry L. Rowland master, Oct. 20-21, 1857 (Woodhull born Oct 21, 1857)

**Diary:** Ellen Elizabeth (Evans) Jones, January 18-24, 1875

**Letter:** "My Dear Children," (Mary satterly Rowland) London June 17, 1866

**Diary:** Ellen Elizabeth Jones, ship "Tri-Mountain," Feb 25-Mar 2, 1875

## PRESENTATION:

### OPTION ONE

(Time: 1-1.5 Hr)

### ***Mary Swift Jones-A Voyage to China & Japan***

Mary Swift, Setauket 1833-1857; Benjamin Jones, East Setauket 1825-1857

East Setauket, bark "Mary and Louisa" 1857-1858

New York September 23, 1858 to Shanghai, China February 20, 1859

Coasting: Shanghai, China to Nagasaki, Japan to Hong Kong, China to Yokohama Japan

Shanghai, China April 1861 to New York September 23, 1861

Mary Swift Jones died October 10, 1861

Captain Benjamin Jones' second and third voyages 1862-63; 1875.

## CEMETERY TOUR:

### OPTION TWO

(Time: 1-1.5 Hr)

### **Exploration of Setauket Presbyterian Church Graveyard**

David T. Bayles, shipbuilder Stony Brook 1827-1893; Delia Bayles 1826-1902

David B. Bayles, shipbuilder East setauket 1808-1892; Harriet Howell Bayles 1812-1904

Mary Swift Jones, Wife of Captain Benjamin Jones 1833-1861 (first wife)

Capt. Henry Luke Rowland 1827-1876; Mary Satterly Rowland 1832-1908

William Bacon, shipbuilder 1811-1895; Hannah S. Bacon 1814-1883

Capt. Benjamin Jones 1825-1897 & Elizabeth E. Jones 1843-1937

Capt. Scudder Jayne 1824-1902; Susan E. Jayne 1829-1893

Capt. Decatur Oakes 1815-1869; Mary A. Oakes 1827-1892

## WALKING TOUR:

### OPTION THREE

(Time: 1-1.5 Hr)

### **Dyer's Neck - East Setauket Shipbuilding District**

1850 census for the Dyer's Neck area of East Setauket

1860 census for the Dyer's Neck area of East Setauket

Walk: Shore Rd., from Town Dock to Scott's Cove.

Dyer's Neck maps 1858, 1873, 1909.

Finding N-S Line with a watch (Not digital) using the Sun.

Charts versus maps. Navigation & maritime instruments.

Navigation: using a compass; using the sun; using the pole star (Polaris).

NOTE: Charts & Navigation can be a part of the exhibition program.

**PRE/POST-VISIT MATERIALS:** (Available from the Three Village Historical Society)

TVHS web site: <http://www.ThreeVillageHistoricalSociety.org>

Druett, Joan & Wallace, Mary Anne, *The Sailing Circle, 19<sup>th</sup> Century Seafaring Women From New York*, Three Village Historical Society & Cold Spring Harbor Whaling Museum, NY. 1995. Exhibit catalog & stories from the exhibit.

Minuse, William B. & Tyler, Beverly C., *Captains, Chandlers and Wooden Ships: Setauket and East Setauket Ships, Shipbuilding and the Men, Women and Children Who Built and Sailed in Them*. Three Village Historical Society. 2007. Includes details of the men & women who lived in the houses along Shore Road & Bayview Ave. Available as a PDF file.

Tyler, Beverly, C., *Discover Setauket, Brookhaven's Original Settlement*. Three Village Historical Society, Setauket, NY & The Creative Company, Lawrenceburg, IN, 1994, 2002, 2003. A student's guide to more than 350 years of Brookhaven history with photographs, drawings, maps, charts and document-based questions (DBQs).

Tyler, Beverly, C., *Walk Through History: A Guided walking Tour of Brookhaven's Original Settlement in Setauket*. Three Village Historical Society, Setauket, NY & The Creative Company, Lawrenceburg, IN, 2005. Beautifully illustrated with full color photographs of Old Setauket Historic District, historic photos, map.

**BOOKS FOR CHILDREN AGES 10 AND UP:**

*Sailing Home: A Story of A Childhood At Sea*. Told by Gloria Rand, Illustrations by Ted Rand. North-South Books Inc. New York. A wonderful story based on a real family's life aboard a four-master sailing bark.

*Nacky Patcher and the Curse of the Dry-Land Boats* by Jeffrey Kluger. Philomel Books, New York 2007. "A wild and witty tale full of adventure and intrigue. A fun-filled story fit for pirates, paupers, kings, and everyone in between." (Ritter)

Druett, Joan, *Abigail* Random House, 1988. Bantam paperback, 1998. This is a wonderful adventure book for both young readers (ages 13 & up) and adults. It weaves in the details of the whaling industry in the 19<sup>th</sup> century from New England to New Zealand and takes the heroine to Panama when the first North American transcontinental railroad (across the Isthmus of Panama) was built. Here also is the romance of tall ships, of a young girl and a handsome sea captain, all woven together into a captivating story of suspense and daring.

Collison, Linda, *Star-crossed*, Alfred A. Knopf, New York, 2006. Having been discovered as a stowaway as she tried to reach Barbados in 1760 to claim her father's estate, teenaged English orphan Patricia Kelley struggles to survive by learning to be a ship's doctor and by disguising herself as a man when necessary.

Frederick, Heather Vogel, *The Voyage of Patience Goodspeed*, Simon & Schuster Books for Young Readers, New York, 2002. Following their mother's death in Nantucket, Captain Goodspeed brings twelve-year-old Patience and six-year-old Tad aboard his whaling ship, where a new crew member incites a mutiny and Patience puts her mathematical ability to good use.

**FOR TEACHERS & MATURE READERS:**

Druett, Joan, *Hen Frigates, Wives of Merchant Captains Under Sail*, Simon & Schuster, New York, 1998. The dramatic and largely untold story of the enterprising women, including Setauket's Mary Satterly Rowland, Mary Swift Jones and Ellen Elizabeth Evans Jones, who sailed on oceangoing merchant ships throughout the nineteenth century.

Druett, Joan, *Petticoat Whalers: Whaling Wives at Sea, 1820-1920*. Harper Collins, New Zealand. 1991. This is the colorful tale of the whaling ships that plied the Pacific, Atlantic and Antarctic oceans in the nineteenth century, and the men and women who worked and lived on them. This book is about the experiences of these women on board the windjammer whalers and in boisterous, brawling ports and exotic islands.

FreeHand, Julianna. *A Seafaring Legacy*. Random House, Inc., New York. 1981. The photographs, diaries, letters and memorabilia of a Maine Sea Captain and his wife 1859-1908.

## **A DESCRIPTION - DOWN THE WAYS, THE WOODEN SHIP ERA**

The Three Village Historical Society has instituted a new school field trip/family program ***Down The Ways, The Shipbuilding Era*** in honor and memory of Michele Morrisson, the Society's first director, who died on August 16, 2007 after a long and courageous battle with cancer. Michele Morrisson led the planning, organization and research that resulted in an award-winning exhibition funded by the National Endowment for the Humanities (NEH) and the New York State Council on the Arts, as well as a companion publication ***The Sailing Circle, 19th Century Seafaring Women from New York***. Following the Completion of the exhibition Joan Druett, author and researcher wrote the book ***Hen Frigates*** which details the lives of many of the women who traveled on wooden sailing ships.

The newly-developed program ***Down The Ways, The Shipbuilding Era*** tells the story of 19<sup>th</sup> century maritime transportation on Long Island through the use of an exhibition, a slide presentation, a walking tour, a cemetery tour, documents and hands-on activities. The award-winning exhibition, ***The Sailing Circle, 19th Century Seafaring Women from New York***, tells the stories of the men, women and children who journeyed across Long Island Sound, up and down the Atlantic coast and around the world in wooden ships built along the local area shores. The slide presentation, ***Mary Swift Jones: A Voyage to China and Japan*** tells the story of a young woman, newly-married who leaves New York to voyage with her ship captain husband and becomes the first American woman in Japan after Admiral Perry opens it to trade in 1854. The walking tour explores the Dyer's Neck-East Setauket Historic Shipbuilding District where coast-wise and ocean-going ships were built and where these local families, lived, worked and died. The tour of the Setauket Presbyterian Church Cemetery includes the graves of ship captains, ship builders, their wives and children and features a scavenger hunt for information. Documents include log books, letters and journals kept by the men and women who bravely set out at a time when America was expanding it's influence and establishing routes of commerce around the world. Hands-on activities include the charts, maps and navigational instruments that made travel at sea possible. The program is adaptable to any age group. Teachers and group leaders can choose which parts of the program they wish to explore based on the time available.

# **CURRICULUM THEMES EXPLORED DURING THIS PROGRAM**

**HISTORICAL:** (Works within Standards 1 & 2-American culture, traditions, democracy & accomplishments; varied experiences & interpretations; timelines; world history roles and contributions; interpretation of layers of events):

Geography (Standard 3): Geographic features of Long Island including: Setauket & Port Jefferson Harbors, Long Island Sound, U.S Atlantic Coast, World Oceans. Explores the use of various grids, symbols and notations that make it possible to locate specific places and indicate distance and direction (4<sup>th</sup> -8<sup>th</sup> grade geography).

Economics (Standard 4): Explores the concepts of maritime transportation in the 19<sup>th</sup> century (4<sup>th</sup> grade: Industrial growth and expansion.) Explores the exchange of goods, availability of goods and services, economic systems of the world becoming an interdependent network (6<sup>th</sup> - 8<sup>th</sup> grade Economics)

## **INTERDISCIPLINARY:**

Mathematics: Mathematical reasoning, operations & measurement: In exploring navigation charts and navigational instruments.

Language Arts (Reading Standards 1 & 3): Developing research & observational skills: In Log books, diaries, journals, graveyards and historic buildings.

Science (Standard 2-living environment): The importance of water to the survival of living things. (Standard 3-physical setting): Exploring nature through land and water uses.

Art: awareness of the natural world

Physical Education: Wellness; safe environment

Health: Developing a positive self-esteem; Personal well-being

Music: Melodic patterns & sounds of nature in the maritime environment; helping to develop an aesthetic response