

TO BOOK THE TALL SHIPS

Call **416-260-6355**
Outside Toronto Area 1 **800-267-3866**
Fax **416-260-6377**
www.greatlakesschooner.com
education@greatlakesschooner.com

Tall Ship Sailing Season: April 1 to October 31
Duration of Education Program: 1 1/2 hour
Cost of Sailing Program: \$10.50 (GST not included)



249 Queen's Quay West
Suite 111
Toronto, Ontario
Canada M5J 2N5

LOOKING FOR A SAFE AND CONTROLLED VENUE TO HOLD YOUR GRADUATION OR SCHOOL TRIP.

► **Pizza Party Cruise w/ DJ**

A Great Opportunity for Groups to enjoy the Panoramic Skyline of Toronto Harbour, Islands and City. Teachers and Parents can relax knowing that the students will be in an enjoyable yet controlled venue. A four hour Pizza Party, Day or Evening with unlimited free Pop. **\$36.95 per person**

► **A four hour Formal cruise**

Day or Evening with unlimited Pop and Summer Sensation Chicken menu. **\$41.95 per person**

► **Breakfast Cruise**

Why not make breakfast the best meal of the day? Combine a harbour tour with breakfast. A two hour Breakfast cruise consists of a selection of Donuts, Muffins, Croissants and Baked goods with fresh Fruit Bacon and Scrambled Eggs with fresh Orange Juice. **\$29.95 per person**

OR HOW ABOUT AN END OF YEAR STAFF PARTY. LOOK NO FURTHER WE HAVE GREAT SPRING SPECIALS FOR YOUR STAFF.

Book your class AND your staff party and receive a great bonus on board.

www.greatlakesschooner.com

EDUCATIONAL PROGRAM

Great Lakes Schooner Company Presents

A Sail Through Time



Working together as a team



Hands-on Interaction

Looking for an alternative class outing? Well, we have it!

For our 16th year Great Lakes Schooner Company is hosting one of the largest onboard education programs.

Each year we carry over 5000 students on an exciting and educational experience.

Don't miss this opportunity to get onboard one of our traditional Tall Ships: our 165' Gaff-Rigged schooner KAJAMA or the 96' schooner CHALLENGE.

Inside

Find out how our program ties in perfectly with the Ontario curriculum

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The Tall Ship **Kajama** was launched as the Wilfred in Rensburg, Germany in 1930. She was a cargo carrying sailing ship, familiar in ports from northwest Spain, through Western Europe, and as far north as Norway and Russia. In 1999, Kajama was delivered trans-Atlantic by Great Lakes Schooner Company and restored to her original profile.

Kajama & Challenge are certified by Transport Canada.



The Tall Ship **Challenge** sails the Toronto Harbour, showing the classic lines of her namesake, the first clipper schooner to sail the same waters more than one hundred years earlier.

You and your students will be entering another world once stepping onboard one of our Tall Ships. There is a new language to learn, navigational instruments to discover, and the names of sails that catch the wind to power the vessel. Students will hear about Maritime, Toronto Harbourfront, and the Great Lakes history. Your class will assist the crew sailing the ship as they work together raising and lowering the sails, and taking the wheel with the Captain. They will also test a harbour water sample, and calculate water depth and boat speed. It is a hands-on experience your class will never forget. What makes this program special is that the crew customizes each program to meet your group's needs.

PROGRAM
\$10.⁵⁰ + GST/student

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Ministry of Education and Training The Ontario Curriculum

A Sail Through Time is tied in with a variety of requirements listed in the Ontario Curriculum. Below are listed a few examples:

Science and Technology

Earth and Space Systems

Grade 1: Daily and Seasonal Cycles

Weather and water systems of the Great Lakes and the St. Lawrence Seaway

Grade 8: Water Systems

How the Great Lakes influence the climate of the region and how humans use the earth's resources

Energy and Control

Grade 2: Energy from the Wind

How a sail boat works, harnessing the energy of the wind, principles of lift and renewable energy sources

Grade 3: Forces and Movements

Movement of the ship caused by forces and by energy that is stored and then released

Grade 5: Conservation of Energy

Differences between renewable and non renewable energy sources in the area

Structures and Mechanisms

Grade 4: Pulleys and Gears

Explanation of the purchase system aboard the ship and how pulleys are used to make light work

Grade 6: Motion

Break down of the mechanical and combustion system of a compression ignition engine

Grade 7: Structural Strength and Stability

Ways in which different forces can affect the stability of a ship

History and Geography

Grade 7: Conflict and Change

Examine the causes of the rebellions of 1837-38 in Upper and Lower Canada

Grade 7: Natural Resources

Explanation of the Toronto windmill and water pipe system in the lake

Call directly to ask about our programs for Junior Kindergarten, Kindergarten, Elementary, Special Needs, High School and Adult Groups.



Social Studies

Heritage and Citizenship

Grade 6: First Nation Peoples and European Explorers

Early settlements and Native population in and around Toronto Harbour

Canada and World Connections

Grade 4: The provinces and territories of Canada

The chief natural resources of Ontario compared to the rest of Canada

Grade 6: Canada and its Trading Partners

International shipping in the Great Lakes and St. Lawrence Seaway

Mathematics

Measurement

Grade 4: Estimate time, distance and length to determine the speed of the ship. Using the lines of latitude and longitude as a grid system to determine location on a chart

Grade 7 & 8: Advanced chart work such as course plotting, determining speed, location and estimated time of arrival at a set destination

Patterning and Algebra

Grade 5: Using the variables D, S, T to determine the speed, elapsed time and distance traveled

Grade 6: The importance of the difference scales used on charts. Learn the solution to a simple equation with one variable

Physical Education

Pirates and explorers K-4