

Newsletter: October 2016

Beaverton's Merlo Station High School students christen the Whitehall, "Boat Geometry", their 2015-2016 project.

A Busy Start to Fall

- Wind & Oar displays at Lake Oswego Wooden Boat show
- Wind & Oar Visits Milwaukie Farmers' Market
- Two rivers, backdrop for geography education
- Long awaited Whitehall launch a success!

Building Awareness:

Wind & Oar visits Lake Oswego Classic Car & Boat Show

Norm Eder graciously volunteered his boat, Ma Cherie, an Ebihen 16, as the centerpiece for a Wind & Oar Boat School exhibit held on August 28th.



Norm Eder prepares his boat, Ma Cherie, for display at the Lake Oswego Car and Boat Show.

Norm Eder prepares Ma Cherie, a 16-foot Ebihen sailboat, for exhibition at the LO Classic Car & Boat Show.

There was constant 'booth traffic' throughout the day as people stopped by to admire Ma Cherie and learn about Wind & Oar. At first, people thought we were selling custom boats. They were surprised and impressed to learn that Ma Cherie was built by 9 youth ages 16-22, during the summer of 2013. Students gained woodworking, applied math, and workplace skills during the collaborative project sponsored in part by partner Worksystems Inc. Students share their experience [here](#).

Telling the Wind & Oar story: Milwaukie Farmer's Market

With support from Milwaukie mayor, Mark Gamba, Wind & Oar also spread the word to shoppers at a recent Milwaukie Farmer's Market, once again, the strong "booth traffic" was a great place to share our excitement about providing STEAM education through hands-on project based learning. Both boats displayed below are currently for sale, with all proceeds going to support Wind & Oar youth programs. For more information, email info@windandoar.org



Small sail boat built by high school students

A Sand Dollar small sail boat built by local high-school students



Drift boat build by high school students on display at the Milwaukie Farmer's Market

A drift boat also build by local high-school students.



Mayor Gamba (right, white cap) met with the Wind & Oar management team, Peter Crim, Executive Director (left, back to camera), Jann Lane, Director, Development & Communication (mid-left, blue jacket & cap) and Norm Eder, Board Chair (mid-right, arms crossed)

Milwaukie Mayor Mark Gamba chats with Norm Eder, Wind & Oar Board Chair at the Milwaukie Farmer's Market.



here students model river bottom depths through careful data collection and analysis

GEO at GEO:

Wind & Oar brings map making and geography skills to George Middle School.

Navigation is an essential skill for any boater that begins with reading maps. Through generous grants from the Gray Family and the Portland General Electric Foundations, 6th grade students enrolled in the Intro to STEAM class are building a relief map of their St John's neighborhood. The project develops applied engineering, design, and math skills while providing context for the boat building project that awaits these students as 7th graders. There is much to explore in the unique geography of this neighborhood, bounded by the Willamette and Columbia Rivers, and home to one of the largest urban wetlands in the country, the area is also both highly residential and industrial.

In this age of GPS: do you know the difference between magnetic North and True North?

"Boat Geometry"

Merlo Station High School build 2016

Students present the Whitehall.

The inaugural row.

Whitehall launch, long awaited, a success!

There were accolades all around as the student builders of 2015-16 Merlo Station High School's Boat Geometry class project christened their beautiful, traditionally built, Whitehall rowing boat "Boat Geometry". Special guests included boat sponsor, Roger Nielsen, COO, Daimler Trucks NA, who congratulated the students on their remarkable achievement noting the stories the students will carry forward from their experience. Portland Mayor Charlie Hales, joined in the celebration sharing his love of sailing and reminding the students to retain their sense of pride and accomplishment as they go forward in school and career. Congresswoman Suzanne Bonamici, unable to attend due to official business, sent a representative to read a powerful letter of support

for these students, the project and for the importance of STEAM education. A reception and boat rides followed the launch. Many thanks to the friends & families, teachers, and Wind & Oar supporters who came out to celebrate. Thanks also to the Willamette Sailing Club. For more on the story of the Whitehall build, please visit the Wind & Oar website and FB photo albums.

And, be on the look out for the unfolding story of the next longterm project at Merlo beginning in late November, another classic traditional build, the Herreshoff Columbia Dinghy.

First Lady, Nancy Hales, "navigates" as Mayor Charlie Hales takes the Whitehall for a test row.

Wind & Oar Boat School

"it's bigger than the boat!"

Donate Now

Every dollar helps - and matching funds from your workplace help even more!

To learn more about our programs and impact, and how you can contribute to STEAM education for underserved youth, please go to www.windandoar.org, follow us on [FaceBook](#) & [Twitter](#)

Wind & Oar is a 501c3 Oregon nonprofit organization.

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