

Build a BOAT, V. 2019

6th Grade - Mrs. Wierth's math classes and Ms. York's AVID class.



Why a boat?

Students spend so much time inside the classroom learning about the world outside, why not bring those number systems, geometric reasoning, and problem solving skills to life in the classroom?

How does it work?

Students start by learning about the tools and materials, structure, and design of a real and working boat. Then, they get to work building! Under the supervision of both the Wind & Oar Boat School and their teachers, students drill, plane, and sand their boat over 6 school days.

Each child rotates through stations that cover tool use and safety, applied science and math, and construction.

And the best part is that day after day, classes transform abstract wood pieces into an actual boat. When it is finished, the boat is ready to be painted and taken out on the river!

How do we make this happen?

This is a tall order, but it is absolutely worth it. Your student will always remember that time in middle school when they built an actual boat. But what's more exciting is how they will cement math concepts permanently by actually seeing them in action. This is by far the best way to learn. **To make this project happen we need to raise \$7,789, and we need to raise it by April 19th!** You can help in numerous ways:

1. Make a tax-deductible \$50 donation through a School Pay Account OR

Anything helps! Pass along the link-

<https://pps.schoolpay.com/pay/for/WSMS--3rd-Annual-Build-A-Boat/SeBZYVz>

to friends and family or ask for a match from your employer

If 10 friends donate \$10 it really starts to add up! Every dollar makes a difference.

2. Donate Materials (this could knock \$1200 of the cost)

3ea. 4x8 sheets of 3/8" Okoume marine plywood, 14' 1x10 CVG Fir or 8' 2x12 CVG Fir

3. Buy a boat!

We need to auction the boat when it is all done, make an offer and it could be yours!

Please contact Ms. York or Mrs. Wierth if you have any questions. Thanks for your help!

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