

# Grades 3-6 GT

## Newsletter

### The Sailing Classroom

Having been recently offered a May 17<sup>th</sup> date for the *Mystic Whaler* schooner, students in grades 5 and 6 will need to keep the date open as we prepare to get our field trip approved for a learning excursion on the Hudson River.



## Engineering by Design Discovery Units

### 3<sup>rd</sup> & 4<sup>th</sup> Grade

The third and fourth graders will soon begin brainstorming possible solutions for their Engineering by Design group projects. Endeavors need to work in theory and must only use recycled materials. No new materials may be purchased to complete their projects.

**Third graders** explore “**Water Sustainability**,” students will be tasked with engineering a way to wash a pet while conserving water.

**Fourth graders** will set upon designing tree houses that would be heated and lit utilizing only “**Solar Energy**.”

### 5<sup>th</sup> & 6<sup>th</sup> Grade

**Fifth graders**, equipped with new information on *nanotechnology*, will research an aspect of infrastructure that could be improved utilizing the latest engineering ideas of this field.

**Sixth graders**, inspired by their **biomimicry** journal entries, will prepare to create a Super Hero. This creation will have three biomimetic attributes enabling them to save the world.

## Upcoming Literary Explorations

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| Grade 3 | The Great American Dust Bowl will be explored via books and online sources about this era.               |
| Grade 4 | A Revolutionary spy will be uncovered in the historical fiction novel, <u>Sophia's War</u> , by Avi.     |
| Grade 5 | The documentary novel, <u>Nothing But the Truth</u> , by Avi will be the fuel for discussion and debate. |
| Grade 6 | The young adult version of <u>Outcasts United</u> will delve into the world of refugees.                 |

Looking for something to do this spring?  
Have you checked out the new Jennifer Chalsty  
Planetarium and LSC Giant Dome yet?

