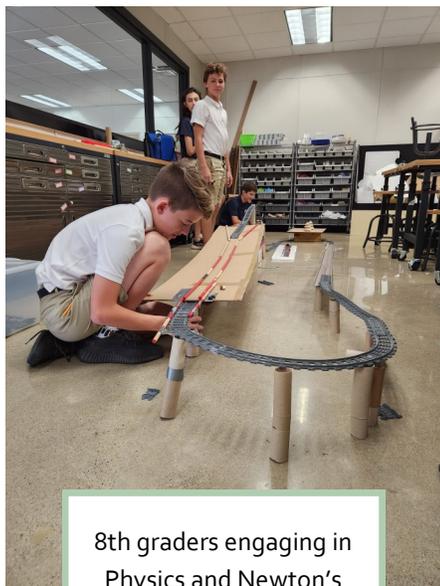


HUB happenings

Sumner Academy | Issue 03 | September 2022

September was a busy month! We had at least one class from almost every grade come in to the space!



8th graders engaging in Physics and Newton's laws of motion.

HUB Highlight = |IDEA|

The IDEA process from start to finish— brainstorming, designing, testing (A LOT), and presenting a finished product! The rules? Has to be obey the laws of physics and no one can die on your roller coasters!

HUB Highlight = |Design|

We focused on the act of “brainstorming” and coming up with an idea in your head, then making it happen. They built binoculars to go along with the song, “We’re going on a bear hunt!”



Pre-K music visited the HUB for the first time!



Thank you for all of the donations from the Amazon Wish List! There are still a few more items left that we could use for upcoming student projects, so please check back on the list! I do keep it updated as needs arise.



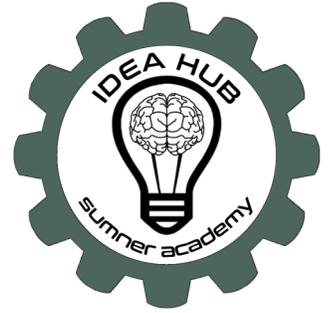
SCAN ME

Upcoming Events

Be sure to check out the HUB inspired Auction items!

HUB

happenings



5th grade science students spent the majority of September in the HUB

HUB Highlight = |Explore|

Working on “iterations” - trying something, fixing it, trying it again until it works!

They explored simple machines and building functioning Rube Goldberg machines.

HUB Highlight = |Imagine|

We focused on user experience and needs— what should a good book cover have and not have? We also worked on creating a design on paper, then working to build that design. No sticky, pointy, slimy book covers here!



Kindergarten students came to start constructing their own personal books!



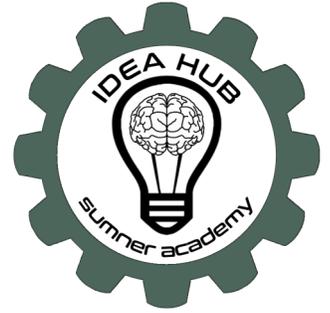
Kindergarten also did their tradition of stacking apples!

HUB Highlight = |Explore|

We learned about how different materials can help us achieve a goal, or sometimes they don't! These two students built the tallest apple tower this year!

HUB

happenings



3rd grade science students explored the laws of physics.

HUB Highlight = |Design|

How can you make sure that Telemachus the Egg can safely travel down a ramp?

They had to use their knowledge of balanced and unbalanced forces and the importance of car safety features.



4th grade Science students experimented with flood plans.

HUB Highlight = |Imagine| and |Design|

How and why do levees fail, and what materials and design would make the most effective levee during a simulated storm surge?



2nd Grade Students were tasked with the real-world problem of Space Junk

HUB Highlight = |Imagine|

Asking questions and researching the problem before they came up with their own prototypes to solve the challenge!

How do we safely remove all the debris orbiting us in space and consider gravity when bringing it back to Earth?

Also in the HUB this month:

- 1st grade students worked on building 3D continents earlier this month.
- 6th grade science students had to build a lemur with new, unique adaptations for their biosphere of choice!
- 6th grade math students had to learn basic coding so they can teach a computer how to do algebra.