

# HUB happenings

## Scaled Model of the Solar System



3rd grade students participated in an interdisciplinary science, math, and HUB project exploring the solar system. Students had to round and measure a scaled version of the orbital tracks of the planets. They also got to act out important vocabulary terms like rotation and revolution while they were making their model.



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## Robotics



The Sumner Academy Green and Silver robotics teams are off to strong starts! They have both decided on their prototypes, begun solving robot missions, and problem-solving skills. They are also embracing the HUB theme that sometimes your ideas don't work the first time around, as the Green members found when trying to build a waterproof robot.



Questions? Comments?  
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# Pumpkin Harvestors

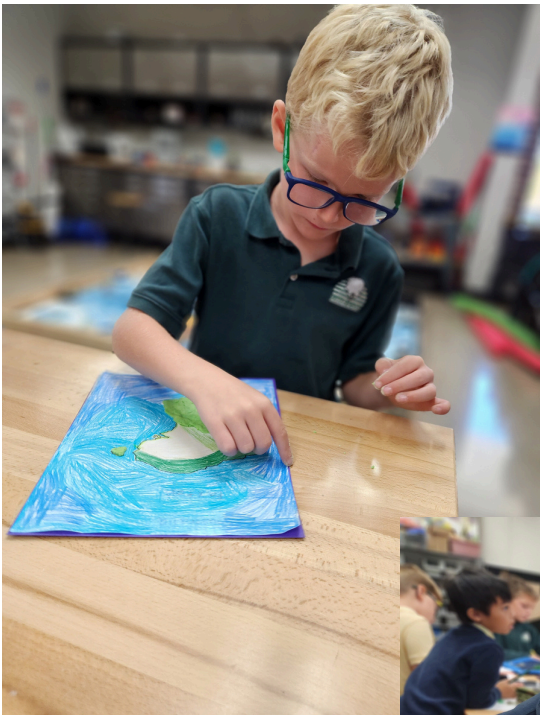


Kindergarten students got into the Autumn season by designing a device to harvest pumpkins. In this now-tradition project, students had to devise a way to harvest more than one pumpkin at a time without touching the pumpkins with their fingers. They practiced sketching their ideas and building foundational Design Thinking skills that will continue to grow with each HUB visit.



## Can You Name the Continents?

1st Grade students used atlases to make accurate scaled models of their continent in another annual project. First, they designed their models by learning the different physical features of their continent, the types of environments present, and any major bodies of water. Then they used different materials to bring their designs to life!





# Sea Shells by the Sea Shore



Mrs. Burke-White brought her 3rd and 4th grade students into the HUB to continue practicing observational and accurate drawings of sea shells. Students were asked to draw just a small portion of a shell, paying special attention to detail. Then, they were asked to practice communicating their observations and details while they tried to match each shell with the proper drawing.

## 3D SHAPE Bubble Wands

Kindergarten students visited the HUB while exploring the differences between two-dimensional and three-dimensional shapes. They were challenged with making a three-dimensional shaped bubble wand out of pipe cleaners and straws. Students spent the first part of class designing and tinkering, which allowed them time to figure out how to make a 3D shape. Then, they constructed their wand and got to test it using bubble solution to see what shapes they were able to produce.

