



As we continue HOMS' 30th birthday this year, our Lower Secondary Cambridge program is also moving full steam ahead while remaining reflective about our roots. We are making past successes even better this year and tackling new learning experiences with enthusiasm. A few past and upcoming happenings--just enough to pique your curiosity 😊--History Fair, STEM Fair, school-wide recycling initiatives, collaborations with the Environmental Studies Center and Martin County High School... In true Cambridge fashion, we are creating a fantastic present, honoring the past—and all while also looking to “infinity and beyond”!

CAMBRIDGE LEARNER ATTRIBUTES

A “curriculum within the curriculum”, that is the Cambridge Learner Attributes. These attributes are the habits students need to be successful in life. Understanding the importance of developing *learners*, we are continuing our dive into the Learner Attributes and have dedicated Dec/Jan to developing “Reflective” and will follow with “Innovative” in Feb/Mar.

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| Reflective | <p>Reflective as learners, developing their ability to learn.</p> <p>Cambridge learners understand themselves as learners. They are concerned with the processes as well as the products of their learning and develop the awareness and strategies to be life-long learners.</p> |
| Innovative | <p>Innovative and equipped for new and future challenges.</p> <p>Cambridge learners welcome new challenges and meet them resourcefully, creatively and imaginatively. They are capable of applying their knowledge and understanding to solve new and unfamiliar problems. They can adapt flexibly to new situations requiring new ways of thinking.</p> |

You can participate at home, too! Practice Cambridge Reflection and share with your Cambridge learner how you best learn: are you a visual learner or more of a hands-on learner? Do you enjoy independent learning or collaborative learning experiences? Do you and your Cambridge student have similar learning styles? Share your stories together!

HOMS' CAMBRIDGE MAGIC

Mrs. Bukowski's 7th Grade Science Cambridge class completed their Synovial Joint Project. Students were tasked to make a working hinge or ball-and-socket joint with recycled materials. They had to be able to explain how their joint worked with the antagonistic muscle pairs, along with the bones that meet at the joint, and the ligaments and tendons that join the bones together. No bones about it—this is learning at its finest!

Mrs. Koeppel's 7th Grade Cambridge ELA class was inspired by the novel *Kon-Tiki* and created projects for a “Wonder Emporium”. Students worked with a partner to create a “disruptor”. They developed ideas about ways they could disrupt a way of thinking about something (as in the novel) or disrupt a way of doing something. Through extensive research and hands-on creations, thoughtful and unique projects were produced. They will be presenting their Wonder Emporium in February; we can't wait to see the magic of their inventions!

Mrs. Neff's 6th Grade Global Perspectives class recently presented their completed History Fair projects to members of HOMS and district administration. They also participated in a special mini-History Fair in which they presented their projects to their 6th grade and 8th grade peers. During this mini-Fair, students shared their process, their passion and their new knowledge as their 6th grade and 8th grade fellow Sharks asked questions and learned from all the wonderful information shared. Mrs. Neff's students brought history to life!