

The Knightly News

The Official Newsletter of St. Elizabeth Ann Seton Catholic School



Socially Distanced, Masked, and Armed with Sanitizer!

While writing this letter, we celebrate our 100th day of school. One hundred days, socially distanced, masked and armed with sanitizer. Through faith and diligence, we remain open and safe as a school community. Our students continue to excel in all areas of academics, grow in faith and create in the arts and sciences. They continue to enjoy our social and physical outlets with athletics and clubs. We've spent the past one hundred days growing tall on the shoulders of one another; and taking the Lord's blessings with grace. Please enjoy the read and be thankful with us of the positives this year has brought thus far.

**Reaching
Higher in
Mind, Body
and Spirit.**

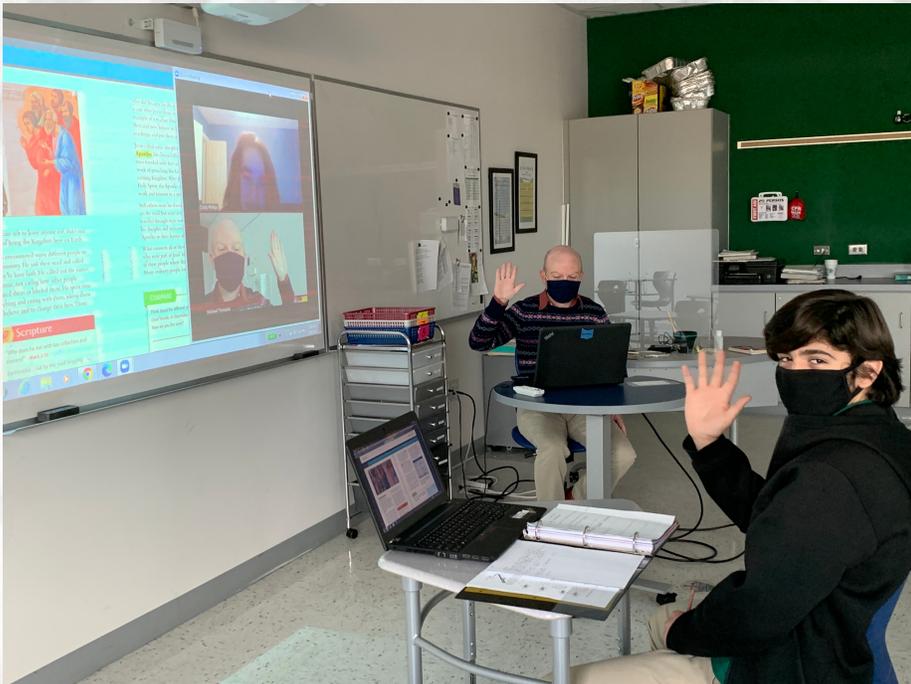
#ExceptionallySeton



And so the adventure CONTINUES!



It was a great first week back. We socially distanced, we masked, we started new classes, we learned new things and we were safe!





Seton 1K Club!

Five Seton "1K CLUB" medals were awarded this week to our Seton basketball team. These medals are earned by doing at least 1,000 jump ropes in eight minutes. Everyone worked really hard to achieve this goal as a team. Many thanks to Monsignor Leo McCarthy who donated the medals. Seton students will participate in a recess challenge during the month of February where they will get the opportunity to earn a 1K CLUB certificate as we celebrate Heart Health Month.



Valentine Countdown



Students in Mrs. Cravin's ceramics class prepare to share their love for St. Valentine's day with the Seton community. It was a fun Friday as they created conversation hearts of all sizes. Some hearts contain pasta noodle letter sayings that will be fired in the clay. After firing at 2167 degrees Fahrenheit, the end result is a clean letter debossed in the clay!

"ver heill ok sæll"



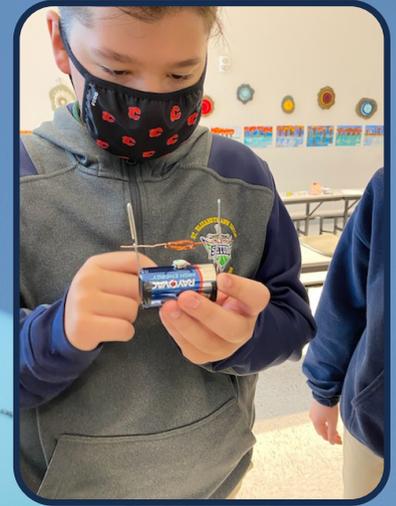
Our 7th grade STREAM class built their own Viking ships! Viking ships were built flat and low for extra buoyancy and ability to get in and out quickly. The addition of oars and sails gave Viking boats an advantage over all other watercraft of their day in speed, shallow draft, weight, capacity, maneuverability, and seaworthiness. Viking boats were designed to be dragged across long portages as well as to withstand fierce ocean storms. Such ships gave the Vikings the ability to trade, make war, carry animals, and cross open oceans and at the same time provide sufficient protection and security for the crew.

Intrinsically Intertwined

Students in Art and Chemistry continue to work hard on the Growing in SC STREAM Grant implementation. They collaborated last week for a few days of glazing pieces that were created in the fall. These pieces will become a part of our online art auction in the Spring. Funds that are raised from this auction will be donated to the Catholic Charities of South Carolina. Everyone has worked so hard to make this a success. It has truly been an exciting year so far seeing students and classes collaborate, the Seton artists' work come to life, and our young chemists create new and exciting glaze colors. Two of which were recently named by our student body this past week (Evergreen and Tortilla). Going from a lump of cold clay to a functional form is magical. Achieving a specific color in a glaze has a significant trial and error component. It takes revision and refinement. Students are learning how ceramics and chemistry are intrinsically intertwined, about the glaze process, and the different chemicals involved. Through tests, students discovered what affects the outcome of the glaze like the composition of the glaze. This not only includes the colorants in the glaze, but also other glaze materials that interact and effect that colorant or combination of colorants, the kiln temperature at which the glaze is fired also contributes to the outcome. Some colorants are volatile and will dissipate into the kiln atmosphere if fired too high. Some give different colors at different temperatures. The kilns atmosphere during firing and cooling also affect the outcome. It is always an exciting morning when Mrs. Cravin opens the kiln and all of the student work is seen in its completed form. Like a butterfly that has emerged from its chrysalis.



Opposites Attract!



In 7th grade STREAM Technology students made simple motors out of batteries and magnets. They learned about the north and south polar opposites that allow the thin copper wire to spin! Did you know... Deep inside the Earth, liquid iron is flowing and generating the Earth's magnetic field! This field protects our atmosphere and satellites against harmful radiation from the sun. It changes over time, and also acts differently in different parts of the world. The field can even change polarity completely. This means the magnetic north and south poles switch places! The process is called a reversal and it last happened 780,000 years ago.





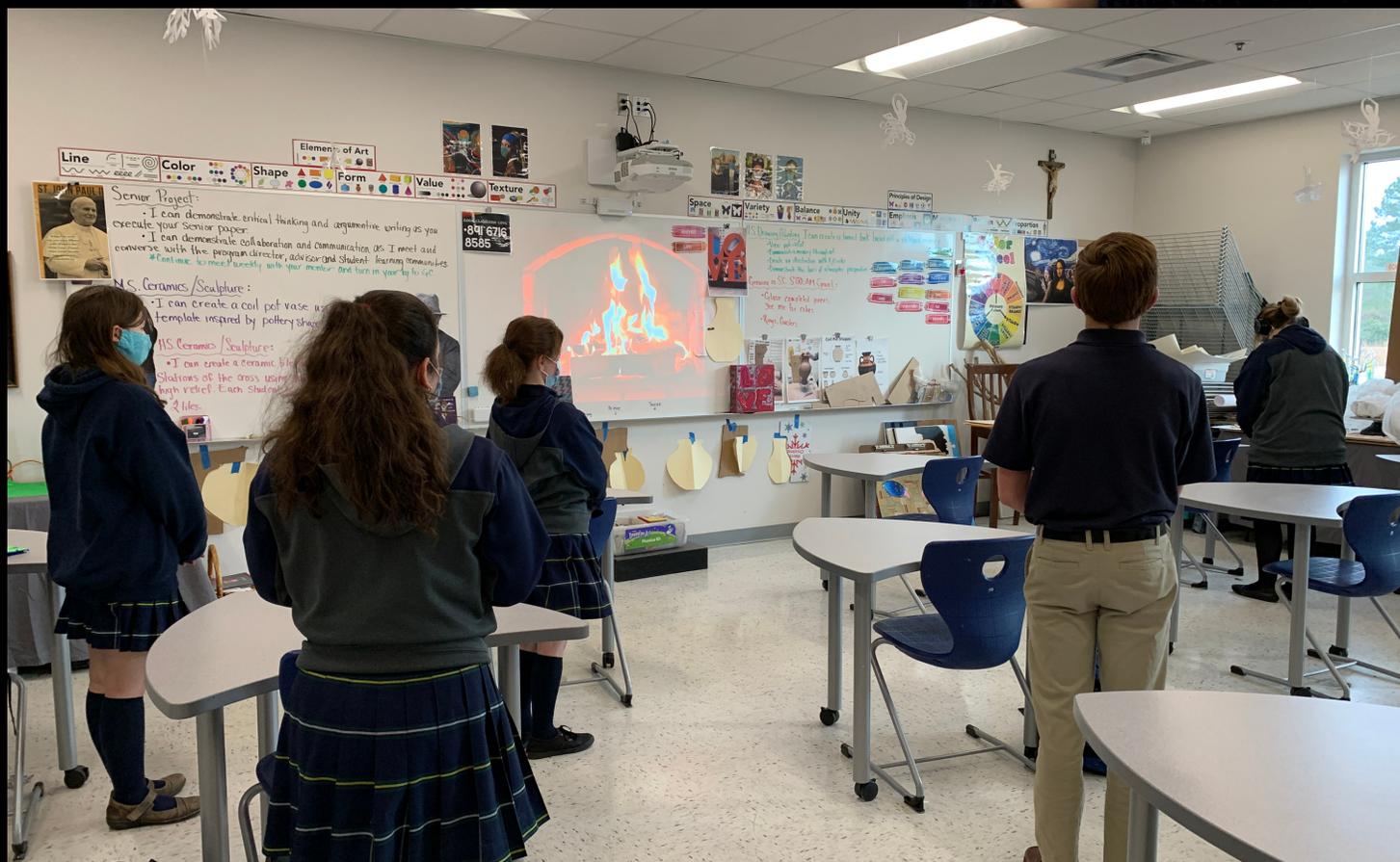
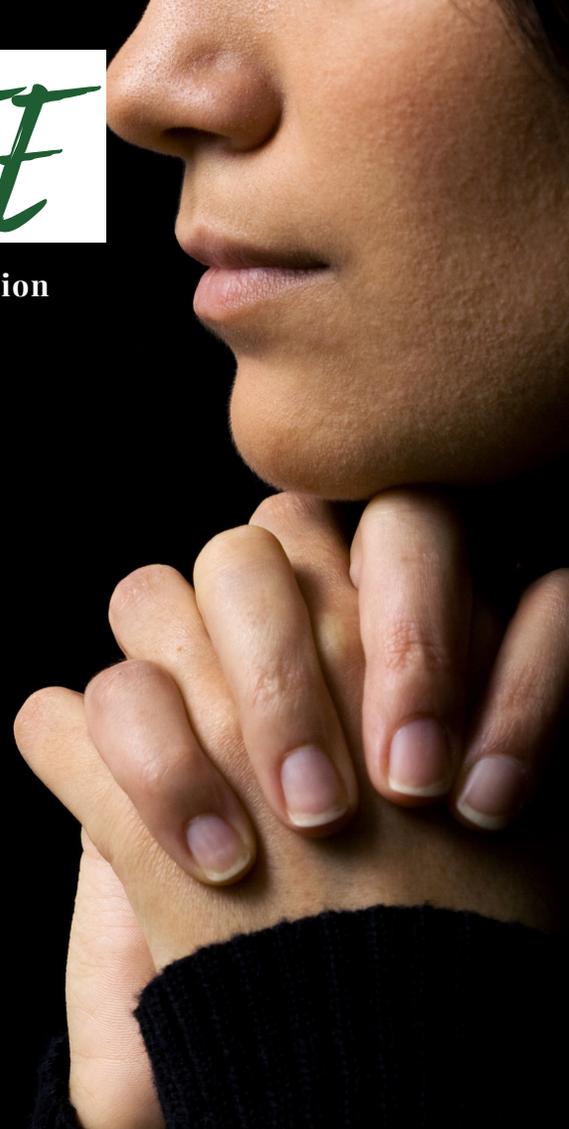
ILLUSIONS OF DEPTH AND PERSPECTIVE

The students in Fine Arts Painting and Drawing class are off to a great start. They are creating, illustrating, and painting tunnel books. Students were asked to create a scene from a childhood memory or one of their favorite books. What's a tunnel book you might ask? Tunnel books are a series of pages held together by folded strips of paper on the sides. The sides of a tunnel book look quite similar to that of an accordion. The objective of a tunnel book is to create the illusion of depth and perspective!

Live the Gospel of *LIFE*

Seton students prayed the 9 days for life novena for the protection of human life. Each day's intention is accompanied by a short reflection and suggested actions to help build a culture of life.

Father and maker of all,
you adorn all creation
with splendor and beauty,
and fashion human lives
in your image and likeness.
Awaken in every heart
reverence for the work of your hands,
and renew among your people
a readiness to nurture and sustain
your precious gift of life.
Grant this through our Lord
Jesus Christ, your Son,
who lives and reigns with you in
the unity of the Holy Spirit,
God forever and ever.
Amen



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