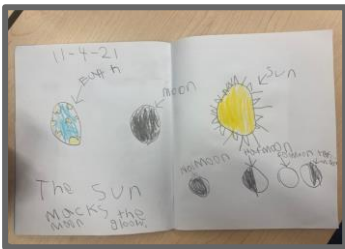


In July 2017, the Board of Regents formally adopted Next Generation Science Standards, now called the New York State Science Learning Standards. Schools were charged with examining their curriculum and instructional practices to ensure a careful and thoughtful transition. Similar to design cycles in science and engineering, all curricula undergo an iterative, cyclical review process as we continually seek to update and refine our practices.

All students in grades K-4 are all currently immersed in their first unit of study from the chosen product, Science 21. All our teachers who are using the Science 21 curriculum are attending all of the unit workshops for their respective grades.



At Daniel Warren and F.E. Bellows, we considered the current science program and began researching and piloting new curricula, including pacing calendars to see where we could also develop our own programs or sequences of learning progressions. Fifth grade will conclude their use of the Amplify and PhD curriculum materials and will be receiving professional development for their Science 21 units of study that are being launched by BOCES in Fall of 2022.

As students move across the grades, they will build on previous learning from other units of study.

In the Middle School, the expansion of Regents credit bearing courses into the 8th grade provides expanded and equitable access to all students so they may enter HS with Regents coursework. This will further facilitate the personalization of HS schedules to reflect interests and pursuits. To allow for this, the staff are engaged in the ongoing integration of science standards into 2 years.

After the approval of the capital bond in February 2018, the final design/planning for the Collaborative Science Center (CSC) Commenced. Administration and staff worked with architects and engineers to realize a space built for collaboration, critical thinking, and student-driven inquiry. Concurrently, the high school planned for STEM collaborations in the areas of programming, engineering, architecture, and robotics. Looking ahead we are exploring coursework in Botany/Horticulture and Geology.

These are exciting times for the Rye Neck district as we await the opening of the CSC in the Winter/Spring of 2022!



The Collaborative Science Center will open in early 2022.

High school teachers have been planning for STEM collaborations utilizing our student interests in programming, engineering, architecture, and robotics. Looking ahead we are exploring coursework in Botany/Horticulture, and Geology.

Our full presentation from the November 17 Board of Education meeting is [HERE](#).