

The School District of New Berlin's Technological Literacy Story

The School District of New Berlin (SDNB), has prided itself on being at the forefront of Academic and Career Planning at the state, regional and national level. We have worked diligently to create, implement and assess our [Vision of our Graduate](#) over the past decade. One of our strategic goals that we focus on states we will continuously increase student performance to ensure all students are prepared for success in college, careers, and future opportunities. SDNB administrators and staff develop district action plans to ensure that strategic goals are met each year. One of the plans that has been developed and implemented is the district's Education for Employment plan which aligns with the WI PI 26.03 Requirement. WI PI 26.03 states that school districts will support pupils in academic and career planning, including meeting the requirements of career and technical education being provided in the school district and that professional development be provided to staff to assist staff with delivering academic and career planning services to pupils in grades 6 to 12.

During the 2018-19 school year, the SDNB leaders tasked a team of administrators, digital coaches, library media specialists, and technological literacy champions to develop technological literacy standards that would be utilized to assure that our students were learning about baseline skills to assist them in being technologically literate. The premise of this work came from research that had been conducted around labor market needs, which highlighted that future employees needed to have more diversified computer science skills and more advanced technological literacy capabilities. This team researched multiple resources to develop these technological literacy expectations and determined that the [K-12 Wisconsin Standards for Information and Technology Literacy](#) would work the best for our students in New Berlin. The team then determined which standards would be taught and assessed at each grade level or content areas from kindergarten through senior year.

Beginning in the 2019-20 school year, all teachers were provided professional development around the standards they would be teaching within their grade level or courses and provided time to determine if they were already teaching this skill, how they could teach these new skills, and how they would assess. SDNB employs two digital learning coaches and two library media specialists. These individuals, along with building technological literacy champions, supported teachers with where the standards would fit more effectively in various scope and sequences. The elementary standards are outlined [here](#) and the secondary standards are highlighted [here](#). Each semester, all teachers need to assess the standards that were taught and input the "grade" into students' report cards. The grading is done outside of the academic grade for a grade level/course. At the elementary level, students are given a "grade" of developing, approaching, or meets. The secondary students are given a "grade" of "meets" or "not yet meeting".

In the SDNB, we are committed to providing a wide variety of supports and services to help students aspire to and make progress toward the Vision of a College and Career Ready (CCR) Graduate. This involves the development of a broad range of knowledge, skills and dispositions that will allow students to be informed consumers of their post-secondary education and training and also effectively navigate the worlds of higher education and employment at a time that is right for them.

To that end, the SDNB uses a number of research and/or best practice indicators that have been proven to lead to higher levels of post secondary success to track student progress, as well as the performance of the district as a whole. It is our shared objective to help students explore a wide variety of learning opportunities that support their personal, academic, social and career goals. This requires that we measure their progress in a manner that is as unique as they are. The SDNB created a [College and Career Ready Dashboard](#) as a means to measure and showcase our students' success in college-, career-, and life-ready indicators. Each

student also has their own individual [CCR Blueprint](#) that they and their families have access to within the student information system portal.

In the 2021-22 school year, the CCR Dashboard and CCR Blueprint will be updated to add technological literacy success criteria to the life-ready indicators. This will allow district and building administrators and staff to reflect on two years of technological literacy data which will assist students with self-reflection of the academic and career planning process and provide data to the district related to continuous improvement processes.

Moving forward, SDNB administrators and staff will continue to monitor the implementation and assessment of these standards to determine any adjustments or modifications that may need to be made. We are so proud of the work that has been done in the SDNB to assure our students are prepared for whatever the future holds and we will continue to strive for excellence for ourselves and our community. If you would like to learn more about our processes and practices please contact either Kelli Kwiatkowski, Director of Secondary Teaching and Learning at kelli.kwiatkowski@nbexcellence.org, Brady Reinke, Director of Elementary Teaching and Learning at brady.reinke@nbexcellence.org, or Dr. Kellie Sanders, Chief Academic Officer, at kellie.sanders@nbexcellence.org.