

Catholic District School Board of Eastern Ontario: 2015 - 2016

Project Title	Technology Enabled Learning & Teaching “Infrastructure to Scale Technology Enabled Learning & Teaching System-Wide”
Description	<p>Purpose: CDSBEO continues to build capacity for educators with the technological tools available for pedagogical documentation to support assessment practices and monitor student learning through blended learning and the combination of Office 365 and BrightSpace. Educators have the ability to assess, report on and improve student performance with built-in analytics tools that use data to help educators make more proactive decisions. The blended learning model provides teachers with the opportunity to leverage technology and increase student engagement and collaboration by promoting authentic learning opportunities for all students.</p> <p>Scaling Our Vision - Areas of Focus:</p> <ol style="list-style-type: none"> 1. Elementary Redistribution Plan: Creating a point of instruction, as well as a blended learning centre of five laptops in every classroom allowing for differentiation, self-directed learning and real world problem solving. 2. Secondary Educators: Selected by their Principals, Technology Enabled Learning & Teaching Co-Learners (TeLCTC) will be trained via face-to-face and over Skype to provide technology enabled learning and teaching supports for teachers in their respective schools and will help build an infrastructure to scale our ICT vision over the next two years Board-wide. 3. CDSBEO Technology Enabled Learning EdCamp 2016 “Student Series”: We will be building capacity of student leaders around the integration of Office 365 to help students learn how to integrate Office 365 into daily practice. 4. Administrators: We have added 21st Century learning and capacity building around the integration of BrightSpace and Office 365 as a standing item for our Regional School Leaders’ Meetings. All administrators have been encouraged and supported to upgrade to the latest “Two in One” device to promote, facilitate and encourage their own 21st Century learning. 5. Curriculum Consultants: We are using the Collaborative Learning Network framework to promote the Office 365 cloud technology and to ensure a cohesive learning environment, while enabling our educators access to the latest collaboration tools. 6. Professional Development “Any Time, Any Place, Any Pace”: Our PD in 20 sessions led by our TELTC, is an innovative approach to reaching a larger number of teachers on a consistent basis, which helps us overcome some challenges that our board geography presents. Best Practices and PD sessions are being shared via a website which allows for greater flexibility for the learners. It also provides teachers independence around building capacity.

<p>Context</p>	<p><i>Number of students: 400</i></p> <p><i>Number of teachers: 60</i></p> <p><i>Number of schools: 41</i></p> <p><i>Grades/Program:</i></p>
<p>Impact on Students</p>	<p>Our Technology Enabled Learning and Teaching Capacity Building Initiative with our secondary schools has allowed students from grades 7-12 to learn using Office 365 and BrightSpace. Students were engaged in learning tasks that addressed key 21st Century competencies such as critical thinking, communication, collaboration and creativity and innovation. Through the use of our two online platforms, students collaborated seamlessly when working in their OneNote Class Notebook and private Yammer classroom. Our leveraging of Office 365 has helped students with collaborative tasks and has had a positive impact on student learning and engagement.</p> <p>Students have expressed a more positive outlook on the value and importance of collaboration and teamwork when using Office 365 and BrightSpace. Furthermore, they have demonstrated an ability to create richer learning tasks more seamlessly with a higher degree of effectiveness.</p> <p>The OneNote Class Notebook has allowed for students to access course content, collaborate with their peers and communicate knowledge in variety of ways using safe and secure online tools from Office 365. Furthermore, students are receiving rich and descriptive feedback in formative and summative tasks from their teachers with use of the insert audio tool. Students have also submitted final tasks to the class Dropbox in BrightSpace. The Turnitin feature that is attached to the Dropbox has allowed for students to ensure that they are properly citing their sources and that their work is original. Moving in this direction with assessment and evaluation has allowed our students work to be saved in one location for their reference and to have continuous access to the feedback.</p> <p>Increasing opportunities for students to work collaboratively with technology has created new learning partnerships by removing barriers so that ALL students of different abilities and talents learn together. Students are taking on greater leadership roles in the classroom to support Teachers who are integrating technology.</p>
<p>Impact on Instruction</p>	<p>The Blended Learning Model being explored in classrooms provided teachers with the opportunity to leverage technology and increase student engagement by promoting authentic learning opportunities for all students. Office 365 is allowing our teachers and students to collaborate seamlessly when working in our Board cloud.</p> <p>Using BrightSpace, educators have the ability to assess, report on and improve student performance with built-in analytics tools that use data to help our</p>

	<p>teachers make more proactive decisions in regard to student learning. Through the combination of Office 365 and BrightSpace we are leveraging our Board assessment and evaluation process. The tools allow for a mark book that meets our Board and Ministry policy of evaluating most consistent and recent student work.</p> <p>What we have learned: Using technology, teachers are able to automate common tasks allowing more time doing what we do best—working with students to support their individual needs. Teachers are using the annotation feature in addition to with the assessment and evaluation tools within BrightSpace and Microsoft OneNote (Office 365) to provide ongoing and innovative formative and summative tasks and feedback on student learning.</p>
<p>Impact on System</p>	<p>As part of our Technology Enabled Learning and Teaching plan this year, we have redesigned the learning space by redistributing technology in all of our elementary schools. This will allow teachers to implement the Blended Learning Model Board-wide next year. Each classroom has been equipped with a point of instruction computer, an LCD projector as well as a Blended Learning center of five laptops. The redistribution of technology has created and enhanced opportunities for students to work collaboratively in small flexible groups.</p> <p>We have added 21st Century learning and capacity building around the integration of BrightSpace and Office 365 as a standing item for our Regional Principals meetings. All Administrators have been encouraged and supported to upgrade to the latest “Two in One” device to promote, facilitate and encourage their own 21st Century learning. Principals are now modelling and promoting the use of Office 365 with their staff in staff meetings, CPLC sessions etc.</p> <p>Our “PD in Twenty” sessions led by our TELTC is an innovative approach to reaching a larger number of teachers on a consistent basis, which helps us overcome some of the challenges that our Board geography presents.</p>