

Conseil scolaire Viamonde: 2015 - 2016

Project Title	The Viamonde 21 Program
Description	<p>The Viamonde 21 program provides multi-service (pedagogy/IT) support to help schools develop 21st Century skills and IT skills. Classrooms in participating schools agree to create an online presence that students can access; work on the development of 21st Century skills; and encourage students to proactively demonstrate and document what they have learned.</p> <p>The intention of the program is to produce lasting changes in pedagogical practices and ways of learning; to demonstrate learning; and to document learning. Each school sets goals at the beginning of the year, identifying obstacles (technical and otherwise) that stand in the way of achieving these goals. These obstacles are addressed in coaching sessions during the year and each teacher is guided to increase his/her ability to integrate technology into his/her practices.</p> <p>The program starts this year with four schools, in addition to six teachers in other schools who are participating on an individual basis. The goal of this program over the next three or four years is to reach every school in the Board.</p> <p>Components of the program:</p> <ul style="list-style-type: none"> • 4 meetings at the central office during the year for training (led primarily by the participants) and for sharing best practices; • 1 half-day of coaching per teacher per month with a pedagogy coach for training based on needs (5 pedagogy coaches); • 1 half-day of coaching per teacher per month with an IT technician to address technical questions and needs (4 technicians); • 1 presentation per school at a technology fair called <i>Rassemblement Viamonde 21</i>, where teachers share their experience. Participation is open to all Board staff; Ministry of Education staff; and the CFORP TacTIC team.
Context	<p><i>Number of students:</i> 430</p> <p><i>Number of teachers:</i> 23</p> <p><i>Number of schools:</i> 8</p> <p><i>Grades/Program:</i> K-12</p>
Impact on Learning	<p>Based on the results of teacher surveys, the students made progress on all levels of the technology integration matrix (TIM) and therefore in their 21st Century skills.</p> <p>The teachers reported major improvement in collaboration (88% based on the Learning Skills & Work Habits (LSWH) and 21st Century skills, increasing from 20% in September to 81% in May, according to the TIM) and in independent work (100% across all 6 LSWH), and they reported that the students were more proactive in demonstrating their learning (100%). In addition, they all reported</p>

	<p>increased levels of student perseverance (90%).</p> <p>Because the objective of the program was to work on the LSWH, as well as 21st Century skills, the survey data targeted these skills. The students more fully grasped concepts and, as a consequence, there was an overall improvement in student achievement (100%). According to the teaching staff, students have access to instruction via video 24/7; this enables them to watch it again when they want to, in their preferred environment. They also have the ability to self-regulate; they can return to activities where they under-achieved. Looking at their classmates' achievements, they are motivated to improve their own work.</p> <p>According to the student survey, 86% felt more motivated to improve their work using technology. They found that technology helped them to more fully express their ideas (76%) and their creativity (73%).</p>
<p>Impact on Instruction</p>	<p>According to the survey results, overall, the teachers are satisfied with the Viamonde 21 program.</p> <p>Most reported that they had improved their planning practices (they were better organized) and their assessment practices.</p> <p>The teachers benefitted from being coached by a pedagogy coach and an IT coach. Most were very satisfied. 70% changed the physical environment in their classroom to make it more conducive to collaboration. 100% appreciated being able to share with their colleagues at the meetings.</p> <p>All of the teachers in the program presented training video clips at the Board's teaching and learning fair, and some of them also presented at CONNECT 2016, an international conference on learning and technology, in Niagara Falls.</p> <p>100% of school principals reported an improvement in assessment for learning and pedagogical documentation.</p>
<p>Impact on System</p>	<p>In terms of the system as a whole, the program has evolved dynamically and exponentially. We have worked from the needs identified by the schools, in order to offer customized coaching, while ensuring that we maintain benchmarks on assessment and differentiation and communicate important messages around the foundations for 21st Century skills. The Board is working to minimize obstacles to technology integration and encouraging collaboration and risk-taking.</p> <p>There were three meetings during which teaching staff led sessions on the sharing of best practices for their colleagues and explained the technology that they were using. 25% of teachers led sessions at the first meeting, compared to 92% at the final meeting. These three events (May 2015, October 2015, and April 2016) drew more than 600 teachers, in addition to school principals, IT technicians, and guests from outside the Board.</p> <p>In terms of the system as a whole, the roles of the stakeholders are continually evolving:</p>

	<ul style="list-style-type: none">• Students: more independent and active in their learning; increased levels of motivation and collaboration; use of technology;• Teachers: co-learners with students; training and mentoring colleagues; pedagogical use of technology for teaching and collaboration;• Parents: partners in their children’s education thanks to better teacher-student-parent communication; IT support at home;• School principals: co-learners with staff; involved in student learning; encouraging risk-taking; technological leaders;• IT technicians: involved in use of tools for pedagogy, technical support, encouraging and sharing best practices;• Pedagogy coaches: coaching, mentoring.
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