

**Technical Vocational Initiative  
New and Continuing  
Demonstration Projects 2008/2009**

| <b>School Division</b> | <b>School Name</b>   | <b>Pillars of Action</b> | <b>Description</b>  |
|------------------------|--|--------------------------|---|
| Border Land            | W. C. Miller Collegiate – Consortium - Year 2  | 1-2-3-4                  | Senior Years Apprenticeship Option (SYAO) Program will be expanded in consultation with other SY schools in the RRTVA to create cohorts of students at schools in various locations throughout the RRTVA under the direction of a SYAO coordinator.   |
| Brandon                | Crocus Plains Regional Secondary School - Year 2   | 1-2-3-4-5                | The project is intended to provide release time and smart board technology to facilitate the collaborative process of aligning instructional practices in Mathematics and Vocational Instruction.   |
| Frontier               | Frontier Consortium - Year 2   | 1-2-5                    | Using the “Artists in the Schools” model, the division plans to develop a “Trades in the Schools” program to address its shortage of technical vocational teachers. This program will be aimed at middle years students.  |
| Kelsey                 | NorMan Consortium – Year 2   | 1-2-3-4                  | Students from the 3 partnership divisions will be offered apprenticeship theory level training in three trade areas. Based on student interest, Heavy Duty Mechanics (Flin Flon), Building Construction (Cranberry Portage) and Welding will be taught for 10 weeks of theory by Trades instructors from the University College of the North. Students will also complete 10 weeks of work placements in the trade area under the supervision of qualified trades people in their home communities. |
| Lakeshore              | Lundar School  | 1-2-3-4-5                | Pathways and Partnerships for Technical Vocational Training will offer students an opportunity to participate in the Senior Years Apprenticeship Program. This will allow students to gain up to 8 credits in Tec-Voc training toward graduation from Lundar School. Students will learn about various trades in the communities, appropriate work skills and attitudes that are needed to be successful in today’s work force.   |
| Louis Riel             | Louis Riel Arts & Technology Centre  | 1-2-3-4                  | To expand to all schools within the division the successful pilot of the SYAO that was initiated in 2005-2006 expanded in 2007-2008.  |
| Mountain View          | Dauphin Regional Comp Secondary – Consortium   | 1-2-3-4                  | Increase profile of SYAO. Increase the number of students enrolled. Consortium will work with regional employers to develop promotional activities to encourage students to consider the SYAO. Hire a consultant to work with students, school personnel, parents and business community in each high school community. Evaluate the sustainability of a SYAO program within the consortium.  |
| Mountain View          | Dauphin Regional Comp Secondary  | 1-2-3-4                  | Increase the number of Aboriginal students enrolled in SYAO program and student retention rates: improve attendance of participants; improve self esteem and high school completion. Increase successful entry and participation in the labour market for Aboriginal students.  |
| Mountain View          | Mountain View Adult Learning Centre  | 1-2-3-4                  | MVALC will offer Prior Learning Assessment and Recognition (PLAR) after training. Learner supports include academic advising, career planning, advocacy and referral.   |
| Park West              | Birtle Collegiate – Year 2   | 1-2-3-6                  | This program is a joint venture of Twin Valley Co-op and the division. The carpentry apprenticeship program involves the construction of Ready-To-Move cabins and homes by students. This project would enable students to develop and practice the skills required for careers in the vocational sector.   |
| Pembina Trails         | Oak Park High  | 1-2                      | Awareness Video – to educate students with regard to career paths and programming opportunities available in the province in the area of Industrial Arts/Tec Voc Education; promote Industrial Arts/Tec Voc Education and cooperation among students, staff and employers around the province along with Urban Industrial Arts/Technology Education Council of Winnipeg in the development of this video.   |
| Pine Creek             | Macgregor Collegiate/Gladstone School – Year 2   | 1-2-3-4                  | Conduct and document a comprehensive investigation of the potential for offering a more robust and organized spectrum of senior years technology and career education in Pine Creek School Division.  |
| Prairie Rose           | Consortium of Schools: St. Paul’s Collegiate/Hutterian Schools/St. Laurent School - Year 2 | 1-2-3-4-6                | Career Development Team proposes to engage students, teachers and local manufacturers in a process that will result in higher levels of student engagement in opportunities associated with the manufacturing sector of industry.   |
| Prairie Spirit         | Glenboro School – Year 2   | 1-2-3-4-5                | Educating rural youth about the opportunities for a trades career.  |
| Prairie Spirit         | Nellie McClung Collegiate  | 1-2-3-5-6                | Partnership with eco-environmental trades. Encourage students to explore related trades through internships and apprenticeships.  |
| Prairie Spirit         | Sandy Bank School – Year 2   | 1-2-3-5                  | Introduction of the Career and Technology Studies (CTS) project into the Hutterian Colony schools.  |

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| Red River College   | Tech Camp  | 1-2-4        | Introduce boys and girls 11-13 to potential career choices in 3-five day camps. Increase awareness about technical careers. Demonstrate that technical careers are possible and rewarding and encourage students not to give up on Math and Science.   |
| Red River Valley<br>Border Land<br>Garden Valley<br>Western<br>DSFM | Red River Technical Vocational Area (RRTVA) – Year 2 | 1-2-3-4      | Create a Technology Education Professional Development and Community Consultation Fund designed to the partner schools within the RRTVA. Access to the resources necessary to conduct a three pronged comprehensive review of their current program and plan for future initiatives. The review will include 1) An examination of the relevance and delivery of current technology education programs in their communities; 2) Opportunity to learn about best practices and emerging programming. 3) Dialogue with parent groups and interested community members |
| River East Transcona  | Kildonan-East Collegiate and Miles Macdonell         | 1-2-3-4      | Implementation of the CATIA Project  |
| River East Transcona  | River East Collegiate                                | 1-2-3-4-5    | Make girls aware of careers in the New Media Industry with an emphasis on the video game industry.   |
| Seine River   | Collège Lorette Collegiate – Year 2                  | 1-2-3-4-6    | Provide secondary students with access to more Fashion Technology courses. Expand their skill sets to be relevant to today's technology driven workforce. Work towards narrowing the gender disparity within the trades by providing more opportunities for female students to become interested and potentially involved in the Apprenticeship program.   |
| Seine River   | Ste. Anne Collegiate Consortium – Year 2             | 1-2-3-4-5-6  | Work and School United – Transition from school to work. This project will provide students with a guide to career options in their region.  |
| Seven Oaks  | Adult Education Centres                              | 1-2-3        | Organize student visits to construction sites. To enhance student participants' awareness of skill shortages in the trades and what career options there are in the skilled trades.  |
| Southwest Horizon   | Melita School  | 1-2-3-4-5-6- | Integrated Career and Technology Education – improve the image and access to technical vocational learning for youth.  |
| Southwest Horizon   | Southwest Horizon and Turtle Mountain Consortium     | 1-2-3-4-5-6  | Explore the feasibility of using existing and underutilized facilities in the southwest region of the province   |
| Southwest Horizon   | Wawanesa School                                      | 1-2-3-4-5-6  | Blended delivery of a CAD/CAM SY Program. Develop drafting design programs to include the manufacturing stage.   |
| Sunrise   | Sunrise Consortium                                   | 1-2-3-4-5-6  | Expand student options in vocational and technology areas through strengthening partnerships with Red River College and Louis Riel Arts and Technology Centre.   |
| Western   | Morden Collegiate – Year 2                           | 1-2-3-4      | Develop the curriculum for a Technical Theatre Production and Management Program which will introduce students to the "behind-the-scenes" careers that support the public face of the performing arts.   |
| Winnipeg  | Sisler High  | 1-2-3-4      | To design and implement a formal Career Development Transition Strategy for students, beginning with grade 9 and continuing through graduation. Sisler and Daniel McIntyre Collegiate Institute will begin the task of implementing Manitoba's new direction on <i>Technical Vocational Seamless Transition Curriculum</i> within Winnipeg School Division technical vocational programs.  |
| Winnipeg  | Tech-Voc High School                                 | 1-2-3-4-6    | Focus on the teaching of mathematical concepts in the technical programs at Tec-Voc High School. The goal is to develop a working relationship between technical teachers and mathematics teachers.  |
| Winnipeg Technical College  | Winnipeg Technical College (WTC) – Year 2            | 1-2          | This project will determine the feasibility of WTC as a Hub Institution and foster partnerships between WTC and Pembina Trails School Division (PTSD) middle years schools, enhance the awareness of math, science and technology skills and encourage students to participate in technical vocational education at senior levels. Investigate the process and procedures of a F1 CO <sub>2</sub> Car Challenge through partnership between WTC and PTSD middle years schools.   |