



REPORT

Program/Curriculum Success

Technological Competency Report

Regular Board Meeting:
January 10, 2017

For further information, please contact:
Al McManaman, Superintendent of Education
Stephen Danielson, Information Technology
Services Manager



RAINY RIVER DISTRICT SCHOOL BOARD

Technological Competency Report

Date: January 10, 2017
To: Rainy River District School Board
From: Al McManaman, Superintendent of Education, Stephen Danielson, IT Manager, Matt Marx, Network Tech Specialist, Tanya Kroocmo STEM Coordinator and Brad Gushulak, STEM Coordinator, School Support Services

Recommendation: It is recommended that the report be received for information only.

STRATEGIC DIRECTION

The Strategic Plan looks to the purposeful, responsible and innovative use of technology as a communication and learning tool which supports the achievement of all students.

CONTEXT

This report provides an overview of the supports and programming being developed through the integration of infrastructure, pedagogy and training of staff and students.

SUMMARY

Children and youth today are the first generation to never know a world without the Web. They are the biggest users of social media and are using it to help build a dynamic, positive global community. As an educational organization the Rainy River District School Board has a responsibility to provide our students, staff and families with access to the Internet and to support the development of 21st century learning competencies which include:

- Engaging students as partners in their own learning;
- Harnessing the capacity of technology to engage learners and to optimize and amplify student learning and achievement;
- Creating more teacher-student learning partnerships through real world, authentic learning tasks enabled by technology;
- Emphasizing and teaching important higher-order skills such as critical thinking, communication, collaboration, creativity and entrepreneurship;
- Supporting educators in preparing our students for a rapidly changing, technology-driven, globalized world.

Through co-teaching and co-planning, the STEM Coordinators support teachers in bringing technology into the classroom through the use of Chromebooks and iPads, Seesaw, Twitter, Padlet, blogs, Google Classroom accounts, Read & Write, and other online communication tools. Prior to any implementation



of technology, the IT Department provides the infrastructure and support to allow our school community access to hardware, software and simplifying access to digital resources.

Being part of the Renewed Math Strategy team, STEM Coordinators are collaborating with the Numeracy Coordinator to provide Professional Development to teachers across the system that includes Math for Young Children (M4YC) strategy implementation and this year, the piloting of Mathletics and Knowledge Hook, and training for Primary, Junior and Intermediate/Senior Professional Learning Teams. STEM Coordinators also support electronic communication with parents by assisting teachers in the development of Portfolios, Google Classroom accounts, and other online communication tools (e.g. Seesaw, Twitter, Padlet, etc.).

Throughout the school year, STEM Coordinators continue to promote the digital citizenship and Internet safety curriculum by co-teaching commonsense.org lessons with elementary and secondary teachers and students. STEM Coordinators support teachers and students with Ministry funded programming such as Homework Help and Career Cruising.

ROUTING

SPT/Senior Administration	January 10, 2017
Board	January 10, 2017
