RENFREW
COUNTY
CATHOLIC
DISTRICT SCHOOL BOARD

Learning Technologies Strategic Plan

2022-2027

Schools to believe in!

MISSION

To provide exceptional technology-enhanced services and programming capabilities in support of the RCCDSB community.

VISION

RCCDSB envisions a learning and faith-based community that is connected, supported, and protected.

Schools to believe in!

GUIDING VALUES

Learner Centred
Inclusive
Responsive
Accessible

**Christ
Centered**

Equitable
Flexible
Collaborative
Innovative

Schools to believe in!

GUIDING BELIEFS

We believe...

•our role is to support excellence in education through accessibility to digital tools, platforms, resources and training

•that we need to support our students to be self-directed, adaptive and flexible learners who are ready to safely navigate the world around them

•that we need to support our diverse learners with tools that can help them best access their learning potential

•that we need to support and empower all of our employees in all of their unique roles and responsibilities

•effective open communication from all areas of our organization is essential

•in a culture of safety, security and privacy with respect to our technological environments, platforms and practices

•that fiscal responsibility and accountability are essential in all aspects of our work and organization

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Learning & Technologies ~ Strategic Pillars
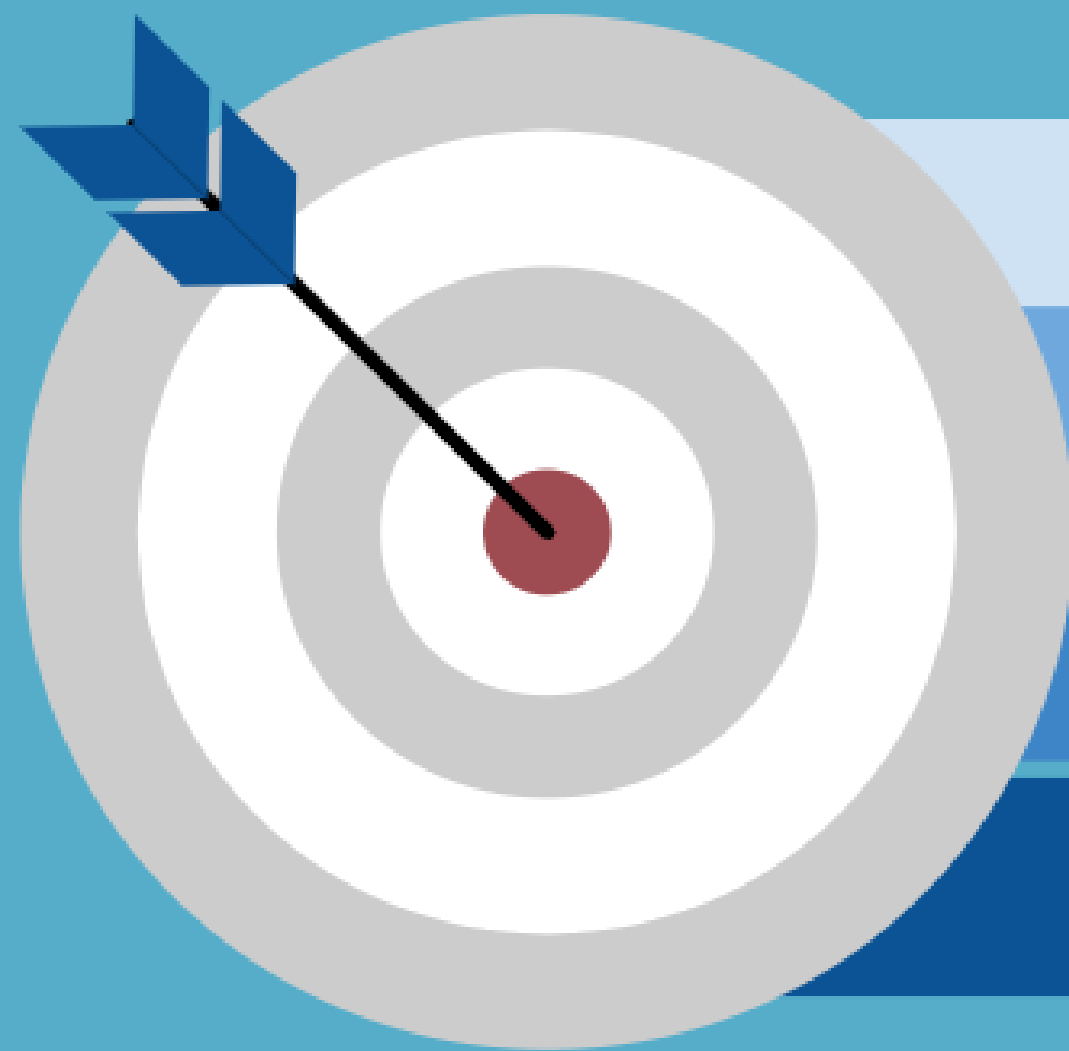
Privacy & Security

Infrastructure, Service & Support

Communication & Collaboration

Innovative Teaching & Learning

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Privacy & Security

Goal: To provide a high level of safety and security for all data, integrations, and communications at every level of our organization. We will strive to ensure all of our students and RCCDSB employees have a solid understanding and ability to practice safety and security in all of their online interactions and communications.

System:
•Review and revamp our overall governance structure and policies and procedures.
•Formulate an action plan to enhance our overall communication strategy to ensure all RCCDSB employees are aware of cybersecurity threats and digital best practices.
•All staff will participate in updated cybersecurity training at the beginning of each year that focuses on current cybersecurity trends, threats and best practices.

Staff:
•Participate in yearly cybersecurity training that provides the necessary information on privacy and security.
•Know and understand all RCCDB policies and procedures that relate to appropriate use of technology.
•Solid understanding of the privacy laws regarding the storage and transmission of student information and data.
•Aware of all Copyright laws that pertain to the replication and public display of copyrighted material.
•To ensure the privacy of student data, staff will engage in the best practice of deleting student information and data (i.e. photos and videos, etc.) at the end of each school year from classroom devices.

Student:
•Students have a solid understanding of digital security, the importance of privacy, and our RCCDSB *Appropriate Use of Technology* guidelines.
•Students have access to a wide variety of digital tools and subscriptions that are curated and provide a high level of safety and security.

Privacy & Security

Key Deliverables:

❑ Review and revamp all IT policies and procedures
- Appropriate Use of Technology
- Bring Your Own Device
- Device Management Policy
- Device Maintenance/Repair Procedure
- Device Loan Agreement
- Cyber Breach Action Plan
- Procedure/Guideline for COPE Members communicating with parents digitally
- Procedure/Guidelines for COPE Members working at St. Kateri Tekakwitha or supporting students in a virtual platform

❑ A Cyber Security course/module will be developed for all staff that will be given at the beginning of each year.

❑ Create a document outlining current Privacy Laws in relation to the transmission of student information and data.

❑ Develop a process for acquiring and maintaining all digital subscriptions.

❑ The Learning and Technologies Committee will meet regularly to review the digital subscriptions we own and possible new additions.

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Privacy & Security ~ Monitoring

Priority #1 Privacy and Security	Timeline	Staff Member Overseeing/Monitoring Goal	Evidence of Progression/Completion
Review and revamp all IT policies and procedures ☐ Appropriate Use of Technology Signing Procedure ☐ Bring Your Own Device ☐ Device Management Policy ☐ Device Maintenance/Repair Procedure ☐ Device Loan Agreement ☐ Cyber Breach Action Plan ☐ Procedure/Guideline for COPE Members communicating with parents digitally ☐ Procedure/Guidelines for COPE Members working at St. Kateri Tekakwitha or supporting students in a virtual platform	May 2022 to August 2023	Chris Blackstock Julia Graydon Tyson Holly Mike Perry **COPE Procedures:** Donna Santerre Kelly Etmanskie Katherine McLaughlin Heidi Fraser	**Completion of Updating of policies and procedures:** ☐ Appropriate Use of Technology ☐ Bring Your Own Device ☐ Device Management Procedure ☐ Device Maintenance/Repair Procedure ☐ Device Loan Agreement ☐ Cyber Breach Action Plan ☐ Procedure/Guideline for COPE Members communicating with parents digitally ☐ Procedure/Guidelines for COPE Members working at St. Kateri Tekakwitha or supporting students in a virtual platform
A Cyber Security course/module will be developed for all staff that will be given at the beginning of each year.	Developed August 2022 Launched September PA Day	Chris Blackstock Jillian Burchart	☐ Creation of Cyber Security Module ☐ Integration of Module into Safe Schools Training by Vector Solutions Portal ☐ Communication to Principals at August LTM and all Staff for 2022-2023 PA Days Sept. 1st & 2nd
Create a document outlining current Privacy Laws in relation to the transmission of student information and data.	October 2023 Cyber Security Awareness Month	Chris Blackstock Julia Graydon Risa Pisa ~ ECNO	☐ Meet with ECNO Regional Manager ☐ Decide on Resource ☐ Communicate to Principals at Sept. LTM and all staff during Cyber Security Awareness Month
Develop a process for acquiring and maintaining all digital subscriptions.	Start Process in June 2022 Completion by October 2022	Derek Lennox Heidi Fraser Tyson Holly Chris Blackstock Alison Radley Walters Josh Nokes Julia Graydon L&T Steering Committee	
Creation of a Procedure for the Learning and Technologies Committee to follow in relation to meeting regularly to review the digital subscriptions we own and possible new additions.	Start Process in June 2022 Completion by October 2022	Derek Lennox Heidi Fraser Tyson Holly Chris Blackstock Julia Graydon L&T Steering Committee	

Schools to believe in!

Infrastructure, Service & Support

Goal: We will strive to ensure all staff, students and stakeholders have access to the latest technology tools, rich digital learning resources and infrastructure to help foster student success. Establishing and maintaining a stable and reliable internet service, access to high quality software programs and timely IT support for the entire RCCDSB community will be a top priority.

System:
•Provide reliable and secured wired and wireless internet access for all staff and students.
•By August 2022, 50% of school sites will be re-cabled and brought up to industry standards and by August 2023 all school cabling will be upgraded.
•Develop and implement a new re-greening staff and student policy/procedure.
•Continue to refine and promote our process for e-cycling for all outdated electronic devices to meet privacy, security and environmental standards.
•Reduction in duplication of technological purchases that perform similar functions.
•Develop a more efficient process to allow staff to reset SSO Passwords for students in order to save time and improve workflow.
•To improve workflow, IT will strive to support and optimize the user experience by focusing on high level customer service.
•All classrooms will have 65"-75" Smart TV that include the tools (i.e. Apple Tv, Chromecast, etc.) necessary to display student work.

Staff:
•Know how to access timely support for all Board software applications and programs (i.e. School Messenger, communication and collaboration tools, etc.)
•Well versed in IT support procedures (i.e. eBASE IT Tickets, Help Desk, etc.).
•Educational teaching staff will know and understand how to reset SSO passwords for their students should they want to expedite the process.
•Know how to easily find the necessary information about Software as a Service (SaaS) (i.e. Board subscriptions, software and programs for teaching and learning, etc.).
•Continue to leverage our cloud first and cloud ready approach.
•Effectively use and understand all aspects of our cloud identity.

Students:
•Know and understand how to access and navigate all RCCDSB software applications and programs
•Have easy access to IT support (i.e. Self-help guidance and overviews on My APPS page, through classroom teachers, Held Desk, etc.).
•IT support (i.e. getting assistance getting on the wifi, etc.) for students who fall under our RCCDSB BYOD Policy.
•Equitable access to chromebooks and charging stations for students from Grade 3 - 12.
•Stable and reliable connectivity/wifi access.

Infrastructure, Service & Support

Key Deliverables:

❏ By August 2023 all schools will be re-cabled to comply with Ministry Standards
❏ Improved connectivity/wifi
❏ A new Re-greening Program will be developed and implemented
❏ The tech e-cycling program will be widely promoted and implemented to improve privacy, security and meet environmental standards
❏ The Learning & Technologies Committee will design a process for renewing and purchasing all digital tools, software and programs
❏ Develop a new workflow/procedure for SSO resets to maximize learning time.
❏ All classrooms will have SMART TVs installed to enhance the learning experience.

Schools to believe in!

Infrastructure, Service & Support ~ Monitoring

Priority #2 Infrastructure, Service & Support Specific Goals	Timeline	Staff Member Overseeing/ Monitoring Goal	Evidence of Progression/Completion
By August 2023 all schools will be recabled to comply with Ministry Standards	End of August 2023	Chris Blackstock	☐ Completion of 50% of re-cabling by August 2022 ☐ Completion of 100% of re-cabling by August 2023
Improved connectivity/wifi	End of August 2023	Chris Blackstock	☐ Improved network monitoring solution ☐ Upgrading switch infrastructure as needed ☐ Communication for troubleshooting wifi problems (i.e. EBAS ticket & resetting access point, etc.)
The tech e-cycling program will be widely promoted and implemented to improve privacy, security and meet environmental standards	May 2022 LTM	Mike Perry Heidi Fraser	☐ May 2022 LTM ~ Communicate and promote e-cycling program and procedures
Develop a new workflow/procedure for SSO resets to maximize learning time.	Fall 2022	Chris Blackstock Shawn Friske Tyson Holly Heidi Fraser Julia Graydon	☐ Create new workflow plan ☐ Review with OECTA ☐ Communicate plan to Principals and VPs
All classrooms will have SMART TVs installed to enhance the learning experience.	June 2027	Chris Blackstock Mike Perry Heidi Fraser Julia Graydon	☐ Inventory all schools/classrooms for TV size ☐ Create a strategy plan for purchasing TVs

Schools to believe in!

Communication & Collaboration

Goal: To ensure a high level of communication and collaboration across our system to maximize business processes, overall productivity and workflow for all students and staff at RCCDSB. We will strive to provide all students and stakeholders with easy access to our digital tools and platforms, all relevant and necessary information as well as timely access to IT & Learning & Technologies support.

System:
•Review and revamp our communication strategy (i.e. students, staff, stakeholders, general public, etc.) to streamline access to information and overall workflow.
•Revamp and modernize our RCCDSB website to include access to up-to-date information, relevant news and highlights, programming, school communities, and policies and procedures to improve transparency and overall communication.
•Formulate an action plan to enhance our overall communication strategy to ensure all employees are aware of cybersecurity threats and digital best practices.
•Ensure we develop and communicate a highly efficient process where staff, students and families know how to access information and technical support.
•Leverage all digital resources and communication platforms to improve accessibility, workflow and productivity to meet the diverse needs of our students and families.

Staff:
•Improved access to system level information to improve overall productivity.
•Know and understand where to find information (i.e. digital programs and subscriptions, Board forms, policies and procedures, etc.).
•Leverage the digital tools and programs to improve collaboration among colleagues and to share information, ideas, and resources for teaching and learning.
•Know how to access, promote and effectively use digital tools to improve students' competencies in areas of communication and collaboration.

Student:
•Know and understand where to safely access the digital tools and resources available to deepen their learning experience.
•Able to easily seek out the relevant and necessary information being communicated at the classroom, school and Board level.
•Increased awareness of the tools and resources available to enhance their overall communication and collaboration with peers and educators.

Schools to believe in!

Communication & Collaboration

Key Deliverables:

❑ Design and implement a new Board website.
❑ Design a new Staff Intranet website linked to our new Board website.
❑ Develop a more accessible and user friendly staff intranet for all online resources, subscriptions, Board forms/policies and procedures and Program Team information and resources.
❑ Create a communication strategy for promoting our new website, staff intranet, student MyApps page and all important IT information.

Schools to believe in!

Communication & Collaboration ~ Monitoring

Priority #3 Communication and Collaboration	Timeline	Staff Member Overseeing/Monitoring Goal	Evidence of Progression/Completion
Design and implement a new Board website.	**Soft Start** May 2022-June 2022 **Maintenance Mode** by September 2022	Chris Blackstock Kylie Hebert	☐ Soft launch planned for June ☐ Formatting template has been chosen ☐ Met with Program Team departments to discuss content that will linked and displayed ☐ Need to meet with School Principals to discuss each school's content ☐ Content for schools updated by ☐ Creation of IT Team Profiles and responsibility ☐ Creation of self-help/FAQ section
Design a new Staff Intranet website linked to our new Board website.	**Beginning Phase** May to August **Completion/ Maintenance Phase** November 2022	Chris Blackstock **Religious Education:** Mark Searson, David Afelskie **Special Education:** Clint Young, Special Education Team **Indigenious Education:** Mary Lise Rowat, Kellie Hisko **Curriculum & Programming:** Curriculum Team Members **Experiential Learning & OYAP:** Mary Lise Rowat, Steve Charkavi **Outdoor Education & Elementary Pathways:** Heidi Fraser, Mary-Lise Rowat, Damian Solar, Tyson Holly **Human Resources:** Mary Lise Rowat, Jillian Burchart **Business/Plant:** Mary Lynn Schauer & Team **Health & Safety:** Mary Lynn Schauer & Team	**Overview and Consultation Phase** **Department Staff Intranet Completion:** ☐ Religious Education ☐ Special Education ☐ Indigenious Education ☐ Curriculum and Programming ☐ Experiential Learning and OYAP ☐ Outdoor Education and Elementary Pathways ☐ Human Resources ☐ Business and Plant ☐ Information Technologies ☑ Health & Safety
Revamping of Student MyApps page	November 2022	Chris Blackstock, Tyson Holly, Tom Carroll	**Meeting to Discuss Revamping Technical Updating of Page**
Develop a more accessible and user friendly staff intranet for all online resources, subscriptions, Board forms/policies and procedures and Program Team information and resources.	May to August Development Launch in September 2022	Chris Blackstock	**Online Resources and Subscriptions** Creation of one landing page (Tiles) on the Staff Intranet **Board Form/Policies and Procedures** Creation of folder with clearly labeled and up-to- date links **Program Team Information & Resources** Creation of Tiles linked to new Board Resources
Create a communication strategy for promoting our new website, staff intranet, student MyApps page and all important IT information.	Sept/Oct 2022 LTM's	Chris Blackstock, Heidi Fraser, Kylie Hebert, Julia Graydon, Tyson Holly, Derek Lennox	

Schools to believe in!

Innovating Teaching & Learning

Year #1 ~ The Digital Citizen

System ~ Leaders will model digital citizenship and support educators and students in recognizing the responsibilities and opportunities inherent in living in a digital world.

- Promote the principles and guidelines of *Universal Design for Learning* and *Learning for All* to maximize learning and foster a sense of inclusivity, engagement, well-being and belonging in our diverse and equitable learning environments.
- Inspire and encourage educators and students to use technology for civic engagement and to address challenges to improve their communities.
- Partner with educators, leaders, students and families to foster a culture of respectful online interactions and a healthy balance in their use of technology.
- Support educators and students to critically examine the sources of online media and identify underlying assumptions.
- Empower educators, leaders and students to make informed decisions to protect their personal data and curate the digital profile they intend to reflect.

Staff ~ Educators inspire students to positively contribute to and responsibly participate in the digital world.

- Create experiences for learners to make positive, socially responsible contributions and exhibit empathetic behavior online that build relationships and community.
- Establish a learning culture that promotes curiosity and critical examination of online resources and fosters digital literacy and media fluency.
- Mentor students in the safe, legal and ethical practices with digital tools and the protection of intellectual rights and property. Model and promote management of personal data and digital identity and protect student data privacy.

Students ~ Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.

- Students cultivate and manage their digital identity and reputation and are aware of the permanence of their actions in the digital world.
- Students engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.
- Students demonstrate an understanding of and respect for the rights and obligations of using and sharing intellectual property.
- Students manage their personal data to maintain digital privacy and security and are aware of data-collection technology used to track their navigation online.

Schools to believe in!

Innovating Teaching & Learning
Year #2 ~ The Empowered Learner

System ~ Leaders create a culture where teachers and learners are empowered to use technology in innovative ways to enrich teaching and learning.

• Promote the principles and guidelines of *Universal Design for Learning* and *Learning for All* to maximize learning and foster a sense of inclusivity, engagement, well-being and belonging in our diverse and equitable learning environments.

• Empower educators to exercise professional judgment, build teacher leadership skills and pursue personalized professional learning in the area of using technology to enrich and enhance teaching and learning.

• Support educators in using technology to advance learning that meets the diverse learning, cultural, and social-emotional needs of individual students.

• Build the confidence and competency of educators and students in the effective use of technology, digital tools, Board provided digital resources and online subscriptions.

Staff ~ Educators seek out opportunities for professional learning and leadership to support student empowerment and success and to improve teaching and learning.

• Shape, advance and accelerate a shared vision for empowered learning with technology by engaging with colleagues and education stakeholders.

• Explore and apply instructional design principles to create innovative digital learning environments that engage and support learning.

• Design authentic, learner-driven activities and environments that recognize and accommodate learner variability.

• Provide alternative ways for students to demonstrate competency and reflect on their learning using technology.

Students ~ Students are empowered to engage in learning and reach their individual goals when given the necessary tools and opportunities as well as the flexibility to demonstrate their learning.

• Students articulate and set personal learning goals, develop strategies leveraging technology to achieve them and reflect on the learning process itself to improve learning outcomes.

• Students build networks and customize their learning environments in ways that support the learning process.

• Students use technology to seek feedback that informs and improves their ability to demonstrate their learning in a variety of creative and innovative ways.

Innovating Teaching & Learning

Year # 3 ~ The Effective Communicator

System ~ Leaders model and support educators to design learning experiences and opportunities for students to use digital tools to become effective communicators.

•Promote the principles and guidelines of *Universal Design for Learning* and *Learning for All* to maximize learning and foster a sense of inclusivity, engagement, well-being and belonging in our diverse and equitable learning environments.

•Ensure that resources for supporting the effective use of technology for learning are sufficient and scalable to meet future demand.

•Model and promote the digital tools and platforms that educators and students can access to communicate their knowledge, understanding, ideas and points of view.

Staff ~ Educators design authentic, learner-driven activities and environments that promote ways to leverage technology using a variety of digital platforms for students to communicate effectively.

•Use technology to create, adapt and personalize learning experiences that foster independent learning and effective communication skills using a variety of online digital platforms.

•Design authentic learning activities that provide opportunities for students to use digital tools and resources to communicate their knowledge, understanding and points of view effectively.

Students ~ Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.

•Students choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.

•Students create original works or responsibly repurpose or remix digital resources into new creations.

•Students communicate complex ideas clearly and effectively by creating or using a variety of digital objects such as visualizations, models or simulations.

•Students publish or present content that customizes the message and medium for their intended audiences.

Innovating Teaching & Learning

Year #4 ~The Knowledge Constructor

System ~ Leaders model, support, provide resources, and professional learning opportunities for educators to refine their teaching practice to support students' ability to think critically, curate and evaluate information effectively.

• Promote the principles and guidelines of *Universal Design for Learning* and *Learning for All* to maximize learning and foster a sense of inclusivity, engagement, well-being and belonging in our diverse and equitable learning environments.

• Provide educators with guidance and resources to effectively teach and design learning activities that centre around developing critical thinking skills with a focus on formulating constructive doubt when faced with questionable new information.

• Collaborate with educators to develop authentic, active learning experiences that foster student agency, deepen content mastery and allow students to demonstrate their competency.

• Curate learning resources to assist with targeting Curriculum expectations and specific competencies.

• Collaborate with educators to design accessible and active digital learning environments that accommodate learner variability.

Staff ~ Educators will design learning opportunities and explicitly teach effective strategies for students to critically analyze and evaluate the information they encounter in-person and online.

• Explore the purposes of research, and how the skills of researching serve a variety of purposes, including academic and personal goals.

• Explicitly teach vocabulary related to evaluating sources of information for research such as accuracy, authority, credibility, reliability, academic rigor, conflict of interest. Model how to evaluate a source of information (e.g., by doing a think-aloud using a website).

• Incorporate thought-provoking texts, including online texts, that connect to learning goals, and that allow students to collaboratively do some 'detective work' to evaluate the text.

• Distinguish additional considerations students may need when evaluating web based texts that may be different than with print texts (e.g., determining authorship).

• Co-develop a classroom resource (e.g., anchor chart, visual) based on modeled and/or guided instruction which provides prompts for students to analyze texts.

• Help students develop a method to compile information about their sources and to track the analysis of the credibility of the sources.

Alert - Evaluating Sources of Information
ISTE Knowledge Constructor

Students ~ Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.

• Plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.

• Evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.

• Curate information from digital resources using a variety of tools and methods to create collections of artifacts that demonstrate meaningful connections or conclusions.

• Build knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.

RENFREW COUNTY CATHOLIC DISTRICT SCHOOL BOARD

Schools to believe in!

Innovating Teaching & Learning

Year #5 ~The Global Collaborator

System~ Leaders will inspire a culture of innovation and collaboration that promotes the time and space to explore how technology can be used to help students positively impact their global community. Knowing and understanding how to make meaningful contributions and connections that help contribute to the common good of the world's peoples and cultures is an essential element of who we are as Catholics.

•Promote the principles and guidelines of *Universal Design for Learning* and *Learning for All* to maximize learning and foster a sense of inclusivity, engagement, well-being and belonging in our diverse and equitable learning environments.

•Optimize the curriculum in subject areas to focus on helping students build and demonstrate future ready skills and competencies

•Place increased value on frequent and deep exposure to authentic learning opportunities to develop attributes, and encourage measurement of student transference of competencies from one situation to another

•Seek out attributes directly in curriculum expectations, and provide practical examples of how they can be leveraged to promote a global vision and the related competencies.

•Engage student choice and voice through authentic problem solving. …

•Teach students how to reflect metacognitively on their own learning, and why this is important in relation to the greater good.

•Provide opportunities for educators to share lessons learned, best practices, challenges and the overall impact of learning with technology to other educators.

Staff ~ Educators dedicate time to collaborate with both colleagues and students to improve practice, discover and share resources and ideas that promote a global vision and new learning that helps students make meaningful connections to contributions to the world around them.

•Dedicate planning time to collaborate with colleagues to create authentic learning experiences that leverage technology.

•Collaborate and co-learn with students to discover and use new digital resources to explore problems that exist in our global community.

•Use collaborative tools to expand students' authentic, real-world learning experiences by engaging virtually with experts, teams and students, locally and globally.

•Demonstrate cultural competency when communicating with students, parents and colleagues and interact with them as co-collaborators in student learning.

Students ~ Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.

•Use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.

•Use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.

•Contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.

•Explore local and global issues and use collaborative technologies to work with others to investigate solutions.

Schools to believe in!

Regreening Proposal ~ Planning For The Future

OVERVIEW & BACKGROUND ON LEARNING TECHNOLOGIES FUNDING

Since March 2020, and the beginning of the pandemic, we have seen tremendous change in the expectations that are being placed upon our staff, students, schools and our Learning and Technologies Department as a result of the need for our education system to be able to move back and forth between in-person and online learning. This shift in our educational practice has identified the need for our current model of school based technology funding to be updated and enhanced in order to meet the needs of both our staff and our students.

Up until this year, each school was on a three year upgrade cycle in which they received funding based on their overall enrollment. Once the funding was released, each Principal then, in collaboration with their staff and the IT Dept., prioritized the purchasing of technology (i.e. Televisions, Laptops, Chromebooks, iPads, etc.) to best meet their needs.

Over the past several months, in light of the new and immediate demands for technology for both staff and students, we have needed to step in and begin initiating the purchasing of devices centrally in order to equip both staff and students to meet the demands of online learning and maintaining a blended classroom. As a result, it has become evident that our current Learning Technologies Funding policy and practices need to be revamped to meet both the immediate online learning needs as well as the future reliance on online classroom platforms.

Schools to believe in!

Regreening Proposal ~ Planning For The Future

Educational Staff ~ All permanent educational staff members will be assigned a device on a five-year upgrade cycle that will be tracked, managed and monitored centrally. Should the staff member be off on leave, their device would be temporarily reassigned to the LTO.

Students ~ Our current, Three Year Technology Upgrade Cycle policy will be moving from a school based funding model to a centrally funded 5 year cycle.

K-2 ~ Recognizing that our student population benefits from different types of mobile technology, we have determined that our K-2 learners will have access to iPads in their classrooms that will be preloaded with a vetted collection of high impact educational apps. The apps on the K-2 devices will be reviewed by our K-2 App Committee on a regular basis to ensure that we meet the needs of our educational staff and students. After careful consideration, we are proposing that each K-2 classroom is equipped with 10 iPads, cases and a charging station.

3 - 7/8 ~ Each classroom from Grade 3 to Grade 7/8 (depending on the school) will receive an allocation of Chromebooks to ensure all students have a device. These devices will be managed at the school/classroom level (i.e. teachers will have a system in place where they assign a device to each student, set classroom expectations for device management, ensure access to charging, etc.).

8- 12 (St. Joseph High School & Bishop Smith High School) ~ Beginning in Grade 8 (or when newly enrolled) students will be assigned a Chromebook and that device will be registered on a tracking sheet. These devices will be managed at the school level.

- ☐ To ensure equitable access to technology for learning, we recommend that students be allowed to bring the Chromebook home should they not have access to one at home or it would be beneficial for their overall learning.
- ☐ Each spring the Proposed Organizations will be used to order Chromebooks to be deployed at the end of August or beginning of September to ensure students will have access to a device to start the school year.
- ☐ Should additional devices be required due to increased enrollment, the IT department will endeavor to have extra devices available to meet the demands.
- ☐ Should a device require maintenance or repair, the school will generate an EBAS ticket and that device will be shipped back to the Board Office properly labeled (EBAS ticket generated and attached) and a loaner device will be given to the student. Each school will have access to some refurbished devices that can be used as back up.

Schools to believe in!

Regreening Proposal ~ Planning For The Future

ESTIMATED YEARLY COST ~

Administrators (Board Office Staff/ Principals/Vice Principals/School Office Administrators) ~

Board Office Staff ~ Prices differ based on roles ~ $45000

P/VPs ~ 30 X $1080 = $32400

Secretaries ~ 26 X $900 = $23400

TOTAL YEARLY COST ~ Board Office ($45000) + Principals ($32400) + Secretaries ($23400) = $100800/5 = $20160 approximately per year

***Please note that Administration Staff and Secretaries are currently funded through the IT budget.

Educators and Students ~

Staff Devices ~
Teachers ~ 323 X $1,080 = $348840 |
ECEs ~ 27 X 1080 = $29160
EAs ~ 107 X $325 = $34775

Total ~ $412775/5 = $82,555

K-2 iPads ~ Approximately (68 classes in 2021/22) 70 Classes $400 + plus case ($25) = $425 X 10 per class = $4250 ***A charging station will be supplied for each primary class (if required). We will figure out the overall cost when we are out doing the Primary i-Pad survey.

K-2 iPads and Cases = $ 297500

Grade 3- 7/8 ~ 390 Students X CB's $325 = $126,750

Grade 8/12~ 270 Students X $325 = $87,750

TOTAL YEARLY COST ~ STAFF ($412775) + STUDENTS ($512000) = $924775/5 = $184955

Schools to believe in!

Regreening Proposal ~ Planning For The Future

IMMEDIATE & LONG TERM IMPLICATIONS OF POLICY CHANGE

Immediate impacts:

- The Schools that are on the upgrade cycle for 2021-2022 and 2022-2023 will feel the greatest impact. Steps will need to be put in place to support them.
- There is a purchasing concern due to the current shortage and backlog provincially & nationally.
- There will be a significant financial commitment and expenditure to get this new system up and running.

Long term impacts:

- Ensuring a long-term central management strategy is in place that includes details such as following teachers and students if they switch schools, etc.
- Ensuring schools have enough funding to purchase technology for the classrooms (i.e. televisions, robotics, 3-D printers, etc.).

IMPACT ON RESOURCES & DEPARTMENTS RESPONSIBLE

The greatest impact of this policy change will be the workload for our small IT Team. It will take a significant amount of work to set up the tracking and the purchasing cycle for approximately 5000 people. Additionally, our IT Dept. will be heavily involved in placing the orders as well as tracking and shipping the devices to each school.

FINANCIAL IMPACT ON RESOURCES & PERSONNEL

Changing from our current Three Year School Upgrade Cycle to a centralized Five Year Central Management System will be both a significant shift in practice as well as a major financial expenditure up front. Although there will be disruption at the school level, this change is necessary to meet the needs of our current and future educational system.

Regreening Proposal ~ Planning For The Future

NEXT STEPS

❑ Create a survey to Principals to inventory the iPads in their schools/Or central staff will be available to complete the inventory

❑ Communicate new process with Principals and IT Team

❑ Review tracking protocols

❑ Update Policies and Procedures

❑ Create Device Loan Agreements for Staff & Students

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