School District 71 (Comox Valley)
District Technology Plan: 2014-2019

Goals of the 2014-2019 Plan

GOAL 1: Develop a norm of collaboration

Strategies:

- The ITC team will model this in all ways and embed formal and persistent structures (See goals 1 through 8 below for concrete examples)

GOAL 2: Enhance protocols to protect the privacy rights of all students and employees
Rationale: As the world moves more and more towards online communication and production protocols we need to ensure that we have best systems in place to protect our rights

Strategies:

- Scholantis purchase – all digital portfolio work stored on our servers behind our firewalls
- Consent form protocol – data, media, apps…
    - Application vetting protocol
- Office 365 with Privacy Impact Assessment – move away from Google
- MyEducation BC Privacy Impact Assessment
- Microsoft System Center and Active Directory architecture

Timeline: Sept 2013 - ongoing

GOAL 3: Provide support structures that assists teachers in the routine implementation of IT in the classroom environment and that focusses on curricular goals and learning objectives

Strategies:

- IT upgrade – wiring, workstations, WiFi, image - and other infrastructures to support an initiative like Bring Your Own Device
- IT Finance Model that supports a regular refresh of work stations
- Elementary ITIC framework – monthly meeting with a representative from each school to introduce, teach, mentor, review, etc.
- Implement a full time and dedicated Lead Teacher position
- Create a resource portal – Learn 71
- Create Quick Reference documents
- My Site utility re- digital portfolio, home drive access, sharepoint portal, class pages, etc. and to supplement implementation of MyEducation BC.

Timeline: Sept. 2013 - ongoing

GOAL 4: Provide support structures that assist teachers in using technology to engage students and create an environment of individualized/personalized learning.

Strategies:

- Optimize network infrastructure to support the use of mobile devices

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- Implement mobile labs/carts
- Implement BYOD policy to support teachers and students in using their own mobile device
- Implement Apple pilot re- iPad use in the classroom
- Analyze efficacy of Android mobile devices in the classroom
- The Evergreen (25%) refresh model allows for hardware acquisition that more closely matches rollouts in society
- Lead teacher on the ground in schools 80-85% of the time to introduce, mentor and collaborate
- Lead teacher co-plans tech plans with school teams
- My Site utility re- digital portfolio, home drive access, sharepoint portal, class pages, etc. and to supplement implementation of MyEducation BC.
- Recommended apps list (and other IT resources) in Learn71

Timeline: April 2013 - ongoing

GOAL 5: Focus technology integration on encouraging the development of higher order thinking skills and in encouraging the creation of new thinking processes for all students

Strategies:

- Implement digital portfolio to support meta-cognition
- Implement the student portal in MyEducation BC (MEBC)
- Embed new curriculum and assessment competencies in My Site and MEBC
- Analyze the (draft) **Critical** Thinking Competency document and deliberately align IT resources to support its implementation
- Analyze the (draft) **Creative** Thinking Competency document and deliberately align IT resources to support its implementation
- Acquire appropriate IT resources e.g. ERAC databases, Khan Academy, Movie makers, Simulators, Realistic Gaming platforms, document cameras, 3D printers…
- Develop links to local, provincial, national and global learning networks that target student learning

Timeline: Sept. 2014 - ongoing

GOAL 6: Develop a framework that supports teachers in the development of planning, instruction and assessment structures to embed personalized and individualized learning strategies

Strategies:

- Monthly training sessions with ITICs
- Demos / sessions with lead teachers i.e. CSTs, TLs
- Embedded Blended Delivery series for teachers
- Student BYOD support plan for teachers
- Support for teachers using personally owned devices
- Student Digital Portfolio support plan for teachers
- Proactively review and support implementation of the new Graduation Program
- Full implementation of My Site functionality
- Fully implement the Pages and Portal functionalities in MEBC in order to optimize the communication of student learning

Timeline: Sept. 2014 - ongoing

GOAL 7: Develop structures that deepen and enhance the capacities of Clerical staff and Administrators

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Strategies:

- Shift Manager of Information Systems (retired) duties to L1, clerical and PVPs
- Create a continually evolving electronic 'binder' of resources for all staff and embed in an IT support portal
- Create time sensitive resources as new initiatives launch e.g. School Connect, My Site, MyEducation BC, 1701, SADE, Honour Roll,
- Expand L1 support to include shoulder to shoulder mentoring with clerical staff
- Develop lead/support/contact teachers who will work directly and collaboratively with PVPs
- Evolve the work flow of IT technicians to include their role as paraprofessionals – on site and shoulder to shoulder support

Timeline: September 2013 – ongoing

GOAL 8: Develop a technology framework that will help improve employee work flows

Strategies:

- IT upgrade c/w dedicated and permanent refresh cycle
- SRB update
- L1 to sit on Clerical-Mentoring Committee
- Document access from any location on any device at any time
- ITC Team weekly agendas include items that pertain to all employee sectors
- Create a continually evolving resource portal – Learn 71
- DP and DM to report out and engage discussion at each Elementary PVP meeting, each Secondary PVP meeting and each Management Team meeting
- Lead Teacher to meet and co-plan with each site Principal on their IT plan (at least on a bi-annual basis)
- Lead teacher to present at staff meetings: upon request and; on a planned cycle when there are targeted and new district wide IT initiatives
- Monthly elementary ITIC meetings

Timeline: January 2013 – ongoing

GOAL 9: Enhance the web-based presence of all schools and SD71 through the development of an integrated framework of portals

Strategies:

- Purchase Scholantis Sharepoint solution and rebuild all school sites, department sites and the SD71 site
- Develop an in-house resource portal called Learn 71
- Fully implement MyEducation BC in all schools and use both the Student Portal and the Parent Portal to their optimal functionality
- Develop a parent portal that optimizes the dissemination, completion, collection and databasing of all consent forms, fees forms, field trip forms, etc.

Timeline: January 2013 – ongoing

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