


New Horizons for Today's Classrooms: A Look Integrating Technology Into the Curriculum K-6



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Resources Available


 Technology Outcomes at Alberta Learning <http://www.learning.gov.ab.ca/ict>

- ICT Program of Studies
- ICT Illustrative Examples
- Professional Development Links
- Sample Scope and Sequence Overview
- Sample Scope and Sequence Links

  Evergreen Catholic Schools – Scope & Sequence for K-12
<http://www.evergreencsrd.ab.ca/technology>

 Teaching and Learning with Technology
http://www.tlt.ab.ca/projects/Div1/index_div1.html
http://www.tlt.ab.ca/projects/Div2/index_div2.html

 TELUS Learning Connection <http://www.2Learn.ca>


 TELUS Learning Connection – Search Engines Quick
<http://www.2Learn.ca/search/engines.html>

 TELUS Learning Connection 'NetSteps
<http://www.2learn.ca/currlinks/netstepinterrupt.html>

 TELUS Learning Connection – 'NetSplore Activity Pages
<http://www.2learn.ca/myDesktop/NetSplore/view.asp>


  TELUS Learning Connection – Telecollaborative Projects
<http://www.2learn.ca/Projects/ProjectCentre/projframe.html>


 Statistics Canada – Teachers' Kits
<http://www.statcan.ca/english/edu/index.htm>


 Search Engines for Kids


- Ask Jeeves for Kids - This search engine allows students to enter their search in the form of a brief question and yields sites which have appropriate content for children. <http://www.ajkids.com>
- Kids Sites – Advertised as the “Leading Guide to Kid’s Web Sites”, this search engine “allows children to surf safely!” and has links to some great sites. Be sure to caution the students not to respond to the free email and other offers. <http://www.kidsites.com>
- Yahoo!igans – Advertised as the “Web Guide for Kids”, Yahoo for kids is designed for ages 7 to 12, yields child appropriate sites. <http://www.yahooligans.com>


Sample Activities in Language Arts


 **Keyboarding** – K-Gr. 1 – color code two hands and thumb; Gr. 2 home row (color code fingering); Gr. 3 typing (color code fingering)


 **Font Study** – type their name in several different fonts and font sizes

 **Pattern Books** – make a pattern book using stamps in KidPix

 **Theme Books** – use a word processor to create a theme alphabet book e.g. animals, Christmas, circus, etc. Each student must write a short paragraph for their letter.

 **Word Families** – use a word processor to create word families using copy and paste

 **Acrostic** – Name, Halloween, Peace for Remembrance Day, Christmas, Community

 **Biography/All About Me All About My Partner** – student takes a digital picture of a friend, then writes a biography

 **Letter Writing**

- Thank you Letter from Jack A.T. Beanstalk to the giant, aka Mr. Big Guy
- Apology Letter from Goldie Locks to Mr. and Mrs. Bear and Family

- 📄 **10 Steps for Making a Peanut Butter and Jam Sandwich** – write, cut into strips, get friend to glue together, check for accuracy, edit with “time” words for true understanding, try with another partner
- 📄 **Fairy Tale Rewrites, with About the Author Page**
- 📄 **Christmas Wish List** – each item must include an adjective/add a graphic
- 📄 **Mother’s Day/Father’s Day Cards** – use the Card Wizard in Publisher to create a card, then personalize the message
- 📄 **Joke Book** – Use Card Wizard template in Publisher to create a card, delete the text and add a joke, Voila! You have just written a joke book!
- 📄 **Brown Bear slide show** – have students take digital pictures of each other, then use *PowerPoint* to create a class slide show based on the book *Brown Bear*
- 📄 **Thank You Cards** - Use *KidPix* to create a Thank You card for special guest speakers.

Sample Activities in Math

- 📄 **Counting** – make a class number book to 100 using the stamps in *KidPix*
- 📄 **Counting by 2s, 5s or 10s** – make a number story of counting by 2s, 5s or 10s to 20
- 📄 **Subtraction/Addition stories** – make pictures of number stories in *KidPix*
- 📄 **Calendar** – create a class calendar for each month with notes for special activities or birthdays (do as class activity with projection unit until later in the year when students make their own)
<http://www.evergreencsrd.ab.ca/technology/Gr.2Math-Calendar.pdf>
- 📄 **Counting** – use a spreadsheet to count and graph the number of Smarties in a box
- 📄 **Graphing** – conduct a survey, tally and graph the results using spreadsheet
- 📄 **Geometry** – use a paint program to explore symmetry
- 📄 **Geometry** – use a paint program to explore slides, flips and turns

Sample Activities in Social Studies

- 📄 **Family Tree** – Use *Kidspiration* to make your family tree noting family originated
- 📄 **Safety on the Playground** – slide show with digital pictures of students demonstrating safety on the playground
- 📄 **My Community** – Take digital pictures and use *PowerPoint* to create a slide show to record your trip to the grocery store, the pharmacy, the bank, the gas station, the dentist’s office, the newspaper office, a radio/TV station, a clinic/hospital, a restaurant/food court, etc.
<http://www.evergreencsrd.ab.ca/technology/Gr.2SocialStudies-CommunityAcrostic.pdf>
- 📄 **Communities Need Each Other** (graphing) – bring items from home, post-in notes identifying item onto map of Canada, count items from each province, graph, discuss transportation of goods along major highways
<http://www.evergreencsrd.ab.ca/technology/Gr.3SocialStudies-Communities.pdf>
- 📄 **Technology at Home** – have students bring pictures of technology found in their home. Create a floor graph, tally the pictures that were of the same item (TV, microwave), write a big book “This is a _____. We use this technology to _____.” Compare what life was like in days gone by without these items.
- 📄 **Local History** – Take digital pictures and use *PowerPoint* to create a slide show to record historical places of interest in your community (Then and Now)
- 📄 **Exploring Exploration** – use desktop publishing to dress up your report on Canadian explorers
- 📄 **Canada Eh to Zed books** – create theme books based on Kevin Major’s A – Z Canadian abecedarian
- 📄 **Canadian Government** – check and compare where various political parties stand on various issues

Sample Activities in Science

- 📄 **My Creepy Crawly** – student worksheet available at
<http://www.evergreencsrd.ab.ca/technology/Gr.2Science-CreepyCrawly.pdf>
- 📄 **Amazing Animals** – Animal Classification slide show
<http://www.evergreencsrd.ab.ca/technology/Gr.3Science-AnimalLifeCycles.pdf>
- 📄 **Signs of the Seasons** – take digital camera pictures of a seasonal walk in the neighborhood and make a slide show
- 📄 **WANTED Posters** – digital mug shots with descriptions of students using descriptive words taken by eye witness
- 📄 **Starry, Starry Nights** – telecollaborative proje

Miscellaneous Activities

- 📄 PowerPoint Presentations/Digital Camera – **Introducing Grade?**: introduce the students at Parent-Teacher Interviews with a perpetual show being shown on a computer in the hallway
- 📄 **You are what you eat** – Use *Kidspiration* to identify foods in each of the four food groups
- 📄 **Safety on the Playground** – use a digital camera to demonstrate safety issues
- 📄 **Enjoy Pages** – current holiday activities found at <http://www.2learn.ca/mapset/Enjoy/enjoy.html>
- 📄 **Fun School** – website for K-3 with printables and downloads, as well as games and activities geared by grade for Preschool, Kindergarten, 1st Grade, 2nd Grade, 3rd & 4th Grade, 5th & 6th Grade, Puzzle & Board games found at
<http://www.funschool.com/>

Don't
be afraid
to learn from
your kids...

With the new promise of information technology, the world is experiencing a paradigm shift. Where once adults were the “experts” passing on their trade and knowledge to the young, more and more now the young can teach us so much. We should welcome the future for soon it will be the past...but respect the past for it was once all that was humanly possible. Go forth...do all that is humanly possible...for you...and for your students. Best wishes on your journey...may you enjoy your journey as much as we've enjoyed ours.

Marion Rex and her buddy, Travelsaurus Rex