



COMPUTERS IN

Elementary Schools



Greater Essex County District School Board

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Computers in Elementary Schools

Nothing captures a student's imagination more than a well designed lesson that features a computer component. While computer activity is not a subject that is designated as such in Ontario's Elementary School Curriculum, the curriculum is clearly documented with opportunities where the computer can play an important role.

This documents identifies five strands of computer use

- ☞ Computer Operation
- ☞ Curriculum Support
- ☞ Multimedia
- ☞ Research/Information Literacy
- ☞ Writing/Publishing

In addition, scenarios for what successful computer use "looks like" in each of the Primary, Junior and Intermediate divisions lends further suggestions as to how the computer can effectively be used in the classroom.

Primary Team

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- ☞ Julie Robinson, Princess Ann Public School
- ☞ Graciella Stokes, Bellewood Public School
- ☞ Janice Blencowe, CAIT
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Junior Team

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- ☞ Jenni Laing, Anderdon Public School
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Intermediate Team

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- ☞ Debbie Price, Maplewood Public School
- ☞ Elizabeth Viale, Queen Victoria Public School
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*Doug Peterson
Computers in the Classroom Consultant*




Resources

 OESS Software and school-licensed applications

Strand –Computer Operation PRIMARY

Overall Expectations

The students can successfully:

-  demonstrate responsible use of technology systems, information and software, as well as the ability to discuss these issues on a developmentally appropriate level
-  develop program navigation skills
-  use a keyboard and mouse



Specific Expectations

The students can successfully:

- login and logoff on a school computer network
- demonstrate an understanding of the GECSDB Acceptable Use Policy (*respect for and proper care of computers*)
- demonstrate mouse control through effective navigation and performing skills such as clicking and dragging, drawing or painting
- demonstrate the ability to locate and use letters, numbers, and the following special keys on a keyboard – space bar, enter, cursor, backspace, shift, delete, escape, tab and caps lock
- identify various multimedia components and their function (headsets, speakers, keyboard, CD-ROM)
- insert and eject a CD-ROM
- turn a computer on/off properly
- perform functions through the use of pull-down menus (copy, paste, save, print, exit/quit, retrieve a document, CD QuickShare)

Notes

Resources

- 📁 A to Zap
- 📁 AB Circus/AB Cirque
- 📁 AppleWorks
- 📁 Bailey's Book House
- 📁 Easy Book Deluxe
- 📁 Graphers
- 📁 HyperStudio 4.5
- 📁 Kidpix Deluxe 3
- 📁 Let's Start Reading
- 📁 Math Circus 1
- 📁 Math Team Pro
- 📁 Mathville Jungleyway
- 📁 Mathville Speedway
- 📁 Mathville Kidway
- 📁 Millie's Math House
- 📁 Plumo at the Farm
- 📁 Sammy's Science House
- 📁 Student Writing Centre
- 📁 Story Book Weaver
- 📁 Theo, Leo & Manda

FRENCH

- 📁 Lapin Malin Maternelle 2
- 📁 Lapin Malin Maternelle 3
- 📁 Lapin Malin Voyage au Pays de la Lecture
- 📁 Plumo at the Zoo/Pluno au Zoo
- 📁 Sac à Mots
- 📁 Voyage au Fond des Maths

CDROMs

- 📁 My First Incredible/Amazing Dictionary
- 📁 PB Bear's Birthday
- 📁 Sitting on the Farm
- 📁 The Cat Came Back

Strand - Curriculum Support PRIMARY

Overall Expectations

The students can successfully:

- 📁 enhance their learning, increase productivity and promote creativity through the use of technology tools in directed and independent learning activities
- 📁 use developmentally appropriate multimedia resources (e.g., *interactive books, educational software, multimedia encyclopedia*)
- 📁 use an instructional computer program to augment the curriculum expectations



Specific Expectations

The students can successfully:

- sequence the events of a story
- read, interpret, and develop a computer generated graph (e.g., *bar graph, pie graph, pictograph*)
- generate a diagram with appropriate label (s)

Notes

Resources

- ✓ AppleWorks
- ✓ EasyBook Deluxe
- ✓ HyperStudio 4.5
- ✓ Kidpix Deluxe
- ✓ StoryBook Weaver Deluxe

Strand - Multimedia PRIMARY

Overall Expectations

The students can successfully:

- use the computer to produce multimedia presentations including sound, images and text



Specific Expectations

The students can successfully:

- create a basic slide show with text, sounds, and pictures
- create a multimedia project as a group/class activity
- sequence events in a story through the use of a storyboard

Notes

Resources

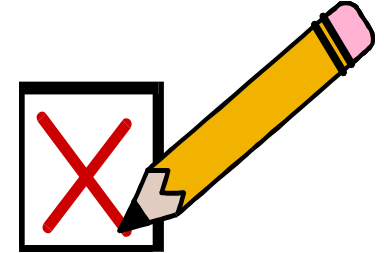
- 📖 HyperStudio 4.5
- 📖 Kidpix Deluxe 3
- 📖 Math Circus Acts I and II
- 📖 My First Amazing Picture Dictionary
- 📖 The Way Things Work
- 📖 Ultimate Children's Encyclopedia

Strand - Research/Information Literacy PRIMARY

Overall Expectations

The students can successfully:

- 🖥️ use the computer to find information
- 🖥️ use the computer for graphing
- 🖥️ use the computer to record observations



Specific Expectations

The students can successfully:

- navigate through information
- search and locate information using electronic resources
- record observations through the use of graphs, word processing or drawing programs
- discuss and explain the use of electronic databases (e.g., *library*)
- discuss copyright law and how it protects what a person, group or company has created.

Notes

Resources

- 📁 AppleWorks
- 📁 Clicker 4
- 📁 HyperStudio 4.5
- 📁 Kidpix Deluxe 3
- 📁 EasyBook Deluxe
- 📁 StoryBook Weaver
- 📁 Student Writing Centre

Strand - Writing/Publishing PRIMARY

Overall Expectations

The students can successfully:

- use the computer to publish and do basic editing



Specific Expectations

The students can successfully:

- use menu items and/or tool bars to print, save a file, format text (e.g., *underline, choice of font and size of print*) and insert graphics
- edit a document by correcting spelling and punctuation errors
- recognize and demonstrate the benefits of word processing
- use graphics to enhance writing

Notes

Language

1. Use Easybook, KidPix to create pattern books.
2. Create rebus stories/poems using graphics.
3. The students use a word processor, (Student Writing Centre or AppleWorks), to write short pieces of work using simple forms (ie.. stories, journal entries, descriptions, poems, lists). Revising and editing are done with assistance from the teacher.



Mathematics

1. Students use Graphers or KidPix to graph data collected.
2. Create venn diagrams in KidPix to sort & classify information.
3. Students investigate and draw two and three dimensional geometric forms using KidPix.
4. Use Kidway, Speedway and/or Jungleway to reinforce concepts taught in the classroom.

Science & Technology

1. Students develop a slide show presentation using KidPix to illustrate the changes during the life cycle of an animal or insect (ie.. Mealworm, butterfly).
2. The students draw and label diagrams when recording relevant observations.
3. Groups work collaboratively to produce a project based on a current theme.

Social Studies

1. Use Bailey's Book House or Student Writing Centre to create a card or poster for a tradition or celebration.
2. Create an "All About Me and My Family" slide show in KidPix.
3. Students use KidPix to create scenes of both urban and rural communities using both drawing skills and the stampers and adding description with text.

Resources

- ☞ All The Right Type
- ☞ Amphibians, Reptiles, and Mammals of the Great Lakes
- ☞ AppleWorks & SuperPak 2
- ☞ Aquatic Environments
- ☞ Canadian Encyclopedia
- ☞ Canadian Geographic Explorer
- ☞ Clicker 4
- ☞ Corel Word Perfect Suite
- ☞ Co-Writer
- ☞ Digital Field Trip to the Rainforest
- ☞ Earth Quest
- ☞ Ecolab-Food Chain
- ☞ Easy Book Deluxe
- ☞ Explore Canada-Acadia
- ☞ Eyewitness Encyclopedia of Space and the Universe
- ☞ Eyewitness Encyclopedia of Science
- ☞ FileMaker Pro
- ☞ Geometer's Sketchpad
- ☞ Gram R Junior
- ☞ Graphers
- ☞ HyperStudio 4.5
- ☞ Interactive Science Encyclopedia
- ☞ KidPix Deluxe 3
- ☞ Les Pirates des Maths
- ☞ Math Circus Acts I and II
- ☞ Math Team Pro
- ☞ Math Trek 4,5,6
- ☞ Microsoft Publisher
- ☞ PC Globe
- ☞ Perfect Copy
- ☞ Reader Rabbit 3
- ☞ Science Court
- ☞ Science Sleuths
- ☞ Smart Ideas
- ☞ Student Writing Centre
- ☞ Storybook Weaver Deluxe
- ☞ Tabs + 3
- ☞ The Ultimate Human Body
- ☞ The Way Things Work

- ☞ Wordway & Spellway
- ☞ Write Outloud
- ☞ Write Way

Strand –Curriculum Support JUNIOR



Overall Expectations

The students can successfully:

- ☞ manipulate and modify an existing database
- ☞ create and use a simple spreadsheet
- ☞ use appropriate software that their teacher determines supports the expectations of the Ontario Curriculum documents.

Specific Expectations

The students can successfully:

Database Skills

- select the appropriate field from a prepared database
- add a record to an existing database
- print from a database specific information
- use a database to, locate, analyse, clarify and interpret information

Other

- use computer programs to run tutorials and reinforce math skills covered in the junior curriculum
- use appropriate software in responding to reading
- use software as a tool to develop grammar and punctuation skills
- use CD-ROMs as an alternative/additional classroom resource
- read and interpret a variety of graphs, charts, diagrams, maps and models for specific purposes as outlined in the curriculum

Spreadsheet Skills

- identify uses of a spreadsheet
- collect data, then record using a spreadsheet
- customize text (bold, underline, center, etc.)
- adjust column widths
- create a graph from a spreadsheet; display data on horizontal and vertical bar graphs using computer applications (gr.4), display data on line, bar and circle graphs using computer application (gr.5), experiment with a variety of displays of the same data using computer applications and select the type of graph that best represents the data (gr.6)

Notes

Resources

- ☞ OESS Software and school licensed applications
- ☞ Typin's Cool keyboarding kit and Typing Time software
- ☞ Directory Creator
- ☞ McAfee Antivirus
- ☞ Semantic Antivirus

Strand –Computer Operation JUNIOR

Overall Expectations

The students can successfully:

- ☑ demonstrate and practise the responsible and ethical use of computer technology
- ☑ utilize proper keyboarding skills
- ☑ utilize file management skills to create, save and retrieve files



Specific Expectations

The students can successfully:

- exhibit legal and ethical behaviours when using information and technology, and discuss consequences of misuse as outlined in the Acceptable Computer Use Policy
- evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources
- locate files reliably and, save documents, in personal directories and/or shared directories
- become proficient in using proper keyboarding techniques
- run multiple programs
- use their own personal account with a secured password.

Notes

Resources

- 📁 Adobe Photoshop Elements
- 📁 AppleWorks & SuperPak 2
- 📁 Claris Home Page
- 📁 Corel Presentations
- 📁 HyperStudio
- 📁 Internet Explorer
- 📁 KidPix
- 📁 Music Ace I & II
- 📁 Story Book Weaver Deluxe

Strand –Multimedia JUNIOR

Overall Expectations

The students can successfully:

- 📁 use technology tools (e.g. *multimedia authoring, presentations, web tools, digital cameras, scanners*) for individual and collaborative writing, communication, and publishing activities to create finished products



Specific Expectations

The students can successfully:

- open and create simple pictures with the painting and drawing programs
- use both clip art and original graphics for publishing
- edit graphics, change their size, and place their on a page
- use the clipboard to move graphics from one application to another
- use graphics and/or sound to enhance a written message
- use a multimedia authoring program, text, graphics, transitions, sounds, navigation tools to present information in a variety of ways
- use a digital camera or scanner, capture an image and save to file
- use a microphone, record a sound byte and save to file

Notes

Resources

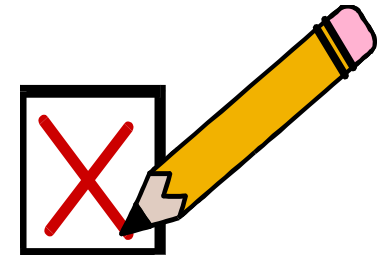
- 📖 Canadian Encyclopedia
- 📖 Canadian Geographic Explorer
- 📖 Electoral Process and Social Studies Multimedia Resource
- 📖 Ecolab-Food Chain
- 📖 Explore Canada
- 📖 Eyewitness Virtual Reality—Earth Quest
- 📖 Eyewitness Encyclopedia of Space
- 📖 Eyewitness Encyclopedia of Science
- 📖 Fur Trader: Fort William
- 📖 GECDSD—Portal Student information
- 📖 Interactive Science Encyclopedia
- 📖 Light & Sound
- 📖 Ministry and purchased CD-ROMs in schools (Encyclopedia of Nature, Science, History, The Way Things Work, Digital Fieldtrip to the Wetlands, Weather Workstation, Biomes)
- 📖 Digital Field Trip to the Rainforest
- 📖 Science Court
- 📖 Student Writing Centre
- 📖 Ultimate Human Body
- 📖 World Wide Web

Strand –Research/Information Literacy JUNIOR

Overall Expectations

The students can successfully:

- 📖 use a variety of electronic reference tools, online and on CD-ROM, to locate, evaluate and collect information on a variety of topics
- 📖 evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information



Specific Expectations

The students can successfully:

- use the computer as a tool in researching various topics, access appropriate software
- access a CD-ROM for research purposes
- conduct a teacher guided Internet search to locate information (WebQuests, eLibrary, SRP links)
- determine if Internet sites are reliable and relevant
- use copyright free, graphics from electronic resources and import or paste into a research document
- use information from electronic resources for research purposes
- cite sources through the creation of bibliographies

Notes

Resources

- 🔗 All the Right Type
- 🔗 AppleWorks
- 🔗 Clicker 4
- 🔗 Co-Writer
- 🔗 EasyBook Deluxe
- 🔗 Microsoft Publisher
- 🔗 Perfect Copy
- 🔗 Smart Ideas
- 🔗 Storybook Weaver Deluxe
- 🔗 The Student Writing Centre
- 🔗 Typin Time
- 🔗 WordPerfect
- 🔗 Write Outloud

Strand –Writing/Publishing JUNIOR



Overall Expectations

The students can successfully:

- use a word processing program as a tool to edit, revise, format and publish pieces of writing

Specific Expectations

The students can successfully:

- create a document/story
- add graphics
- use tools such as spell checker and a computer thesaurus
- cut, paste, and copy
- change font, size, style of text
- use appropriate justifications (center, right, left, alignments)
- adjust line spacing
- use margin settings
- paginate
- identify and format titles consistently within a document
- select correct printer setup (e.g., landscape, portrait)
- use a word processing program to organize ideas into a logical sequence
- use graphic organizing software as part of the writing process

Notes

Language Arts

1. KEYBOARDING - Introduction to keyboarding skills in grade 4. All junior classes are expected to participate in keyboarding activities. (This is a board directive)
2. To reinforce concepts taught in the classroom students work on grammatical structures using Wordway, Writeway and Spellway
3. Using the writing process, students create and publish final polished copies. (Student Writing Centre, AppleWorks, Smart Ideas)
4. Students respond to reading in a variety of ways: book reports, response journals, and summarizing (Student Writing Centre, AppleWorks, Word Perfect) . Character webs can be developed using Smart Ideas.
5. Students develop multimedia story books . (StoryBook Weaver, HyperStudio, Kidpix, Corel Presentations).



Mathematics

1. Using MathTrek 4,5,6, students can run tutorials in the five strands of mathematics, to learn, practise and test new skills.
2. To reinforce concepts taught in the classroom students work on math skills using Mathville VIP and Math Circus.
3. Using a spreadsheet (AppleWorks, Graphers), students design a spreadsheet or a table to:
 - construct labeled graphs (line, bar, circle etc.)
 - select the type of graph that best represents the data

Science & Technology

1. Use a spreadsheet to present results of experiments using tally charts, tables, and labeled graphs.
2. Students compile data gathered through an investigation using science probes. (see Don Fay for Board's Palms & Probes kit).
3. Use multimedia programs and graphic organizers, (Smart Ideas, iMovie, HyperStudio) to demonstrate understanding and present science projects/experiments.

Social Studies

1. Use the Social Studies Resource Guide CD to research (Medieval Times, Ancient Civilizations).
2. Research information about Canada using Canadian World Encyclopedia.
3. Use multimedia programs and graphic organizers (Smart Ideas, iMovie, HyperStudio) to present results of research.

Resources

- ✓ Directory Creator
- ✓ McAfee Antivirus
- ✓ OESS Software and school-licensed applications
- ✓ Semantic Antivirus
- ✓ Typin's Cool keyboarding kit and Typing Time software

Strand –Computer Operation INTERMEDIATE

Overall Expectations

The students can successfully:

- demonstrate and practice the responsible and ethical use of computer technology
- run specific programs
- utilize file management skills to create, save, backup, and retrieve files
- utilize proper keyboarding skills



Specific Expectations

The students can successfully:

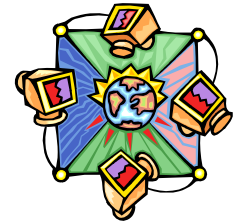
- exhibit legal and ethical behaviours when using information and technology, and discuss consequences of misuse as outlined in the Acceptable Computer Use Policy
- demonstrate how to scan a data diskette for computer viruses and explain the importance of this activity when transporting work to and from school
- evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources
- run specific programs, use most of the operating system tools, use the find command, use the trash can or recycle bin, format a data disk, run two programs simultaneously, access a CD-ROM, and have several windows open at the same time
- locate files reliably and, save documents, in personal directories and/or shared directories
- keyboard documents efficiently, using proper keyboarding techniques, without looking at the keyboard
- use their own personal account with a secured password

Notes

Resources

- 📁 All The Right Type
- 📁 Amphibians, Reptiles, Mammals of the Great Lakes
- 📁 AppleWorks & Superpak
- 📁 Aquatic Environments
- 📁 Canadian Geographic Explorer
- 📁 Canadian Encyclopedia
- 📁 Career Cruising
- 📁 Corel Word Perfect Suite
- 📁 Digital Field Trip to the Wetlands
- 📁 Earth Quest
- 📁 Ecolab-Food Chain
- 📁 Explore Canada-Acadia
- 📁 Eyewitness Encyclopedia of Space & the Universe
- 📁 Eyewitness Encyclopedia of Science
- 📁 Fathom
- 📁 FileMaker Pro
- 📁 Fortress of Louisbourg
- 📁 Fur Trader-Old Fort William
- 📁 Geometer's Sketchpad
- 📁 Great Lakes Explorer-Biodiversity
- 📁 HyperStudio 4.5
- 📁 Interactive Science Encyclopedia
- 📁 KidPix Deluxe 3
- 📁 Le Carnet/Notebook
- 📁 Light and Sound
- 📁 Making History-Louis Riel
- 📁 Math Team Pro
- 📁 Math Trek 7,8,9
- 📁 Mathville VIP
- 📁 Microsoft Publisher
- 📁 Perfect Copy
- 📁 Poetry in a Nutshell
- 📁 Reading & Writing Achievement
- 📁 Smart Ideas
- 📁 Spellway
- 📁 Student Writing Centre
- 📁 Tabs + 3
- 📁 The Ultimate Human Body
- 📁 Virtual Tiles

Strand –Curriculum Support INTERMEDIATE



Overall Expectations

The students can successfully:

- 📁 create and use a database
- 📁 create and use a simple spreadsheet
- 📁 use appropriate software that their teacher determines supports the expectations of the Ontario curriculum documents

Specific Expectations

The students can successfully:

Database Skills

- design fields for the database
- identify a problem that leads to a database for a solution
- create a layout display for information
- determine what the database should be able to show
- identify the use of fields and records
- enter information into a prepared database
- select the appropriate field from a prepared database
- add a record to an existing database
- add a field to an existing database
- print from a database specific information

Spreadsheet Skills

- identify uses of a spreadsheet
- enter data into a spreadsheet cell
- use a formula to provide a calculation in a spreadsheet
- customize output via formatting command (bold, etc.)
- adjust column widths
- create a graph from a spreadsheet

Notes

Resources

- ☞ Adobe Photoshop Elements
- ☞ AppleWorks & SuperPak 2
- ☞ Band in a Box
- ☞ Claris Home Page
- ☞ Corel Presentations
- ☞ HyperStudio 4.5
- ☞ Internet Explorer
- ☞ KidPix Deluxe 3
- ☞ Macromedia Studio
- ☞ Music Ace I & II
- ☞ StoryBook Weaver Deluxe

Strand –Multimedia INTERMEDIATE

Overall Expectations

The students can successfully:

- ☞ create graphics using painting, drawing and photoediting programs
- ☞ create a simple web page which include live links and graphics
- ☞ create a multimedia presentation
- ☞ use peripheral devices such as: scanner, digital cameras, microphones



Specific Expectations

The students can successfully:

- open and create simple pictures with the painting, drawing and photoediting programs
- use both clip art and, original graphics for publishing
- edit graphics, change their size, and their place on a page
- use the clipboard to move graphics from one application to another
- use graphics and/or sound to enhance a written message
- design and present a multimedia presentation that includes text, graphics, transitions, sounds, navigation tools (e.g., Webpage, HyperStudio, KidPix Slide Show, Corel Presentation)
- use a digital camera or scanner, capture an image and save to file
- use a microphone, record a sound byte and save to file

Notes

Resources

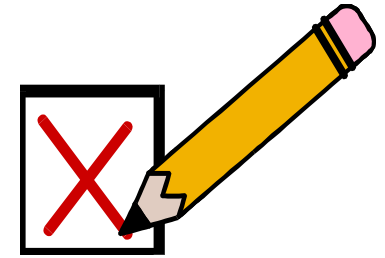
- ~ Amphibian's, Reptiles and Mammals of the Great Lakes
- ~ Aquatic Environments
- ~ Canadian Encyclopedia
- ~ Canadian Geographic Explorer
- ~ Career Cruising
- ~ Encyclopedia des animaux et de la nature
- ~ Earth Quest
- ~ Explore Canada—Acadia
- ~ Eyewitness Enclopedia of Space and the Universe
- ~ Fortress of Louisbourg
- ~ Fur Trader—Old Fort William
- ~ GECDSB Student Reference
- ~ Great Lakes Explorer—Biodiversity
- ~ HyperStudio
- ~ Interactive Science Encyclopedia
- ~ Light and Sound
- ~ Lives and Times of the Canadian Prime Ministers
- ~ Making History—Louis Riel
- ~ Pioneers
- ~ Ultimate Human Body

Strand –Research/Information Literacy INTERMEDIATE

Overall Expectations

The students can successfully:

- use a variety of electronic reference tools, online and on CD-ROM, to locate, evaluate and collect information on a variety of topics
- evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources



Specific Expectations

The students can successfully:

- access a CD-ROM for research purposes
- read the content of electronic sources and determine the suitability of the content for the purposes of research
- use Classroom Friendly Search engines on the Student Reference Portal to locate information under the teacher's supervision
- cite sources through creation of bibliographies
- use net resources (eLibrary, webquests, SRP) to complete projects as directed by the teacher

Notes

Resources

- ✓ AppleWorks
- ✓ All the Right Type
- ✓ Corel Presentation
- ✓ Microsoft Publisher
- ✓ Perfect Copy
- ✓ Smart Ideas
- ✓ Student Writing Centre
- ✓ WordPerfect

Strand –Writing/Publishing INTERMEDIATE

Overall Expectations

The students can successfully:

- create, edit and publish a document using word processing and desktop publishing software



Specific Expectations

The students can successfully:

- create a document/story
- add graphics
- use tools such as spell check and thesaurus
- cut, paste, and copy
- change font,size, style of text
- use appropriate justifications (centre, right, left alignments)
- adjust line spacing
- use margin settings
- paginate
- identify and format titles consistently within a document
- select correct printer setup (e.g., landscape portrait)
- use graphic organizer software as part of the writing process
- create columns/tables to organize documents

Notes

Language

1. Reinforce keyboarding skills.
2. Use graphic organizing software to compare/contrast elements of a novel (e.g., Character traits or Plot templates)
3. Develop multimedia presentations based on classroom themes. (e.g., Disasters, Pop Culture)
4. Use desktop Publishing programs (Microsoft Publishing 2002, AppleWorks, Career Crusing) to assist in creating a resume.

***Math***

1. Use Tabs + 3 to demonstrate an understanding of various geometry nets.
2. Use Geometer's SketchPad to prove a mathematical theory such as the angle sum theorem or Pythagorean theorem.
3. Use Fathom to collect, organize and analyze data.
4. Create and label a graph (bar, line, pie) with a spreadsheet (AppleWorks).

Science and Technology

1. Use the Science and Technology links on the Student Reference Portal as a resource for creating a multimedia presentation (HyperStudio, Corel Presentation).
2. Use peripherals (digital camera, scanner) to enhance documents by adding graphics and charts.
3. Construct a database to classify populations of organism within an ecosystem. Include characteristics and factors that contribute to their survival. (FileMaker Pro, Digital Field Trip to the Rainforest).
4. Use a graphic organizer (Smart Ideas) to demonstrate structures of ecosystems.

Geography

1. Create a clay animation to illustrate the theory of Platectonics.
2. Construct a map of your classroom using a draw Plate Tectronics program. Create appropriate icons and paste them on your map.
3. Research settlement patterns in human geography (linear, clustered, scattered) using the Canadian Geographic Explorer and Net Resources on the Student Reference Portal.

History

1. Create a digital history scrapbook using a variety of electronic resources (digital camera, internet, etc..).
2. Create a timeline illustrating factors that contributed to Canada's confederation.
3. Create a historical moment (iMovie).