

# Bloomington Public Schools

## Fifth Grade

### Computer Proficiencies and Vocabulary

<b>Time</b>	<b>Proficiencies / See next page</b>	<b>Vocabulary / Activities</b>	<b>Software</b>
1 <sup>st</sup> Marking Period	saving files to server	Visual discrimination and use of: CD ROM, disk, disk drive, CD ROM drive  Using a graphics organizer  The student will use a word- processing program to keyboard a 1-page paper.	Encarta  Microsoft Internet Explorer  I-Safe America
2 <sup>nd</sup> Marking Period	Citing sources  Creating research based slideshow  Using on-line services to incorporate all skills, proficiencies and vocabulary to create student projects	Internet  search  on-line  AUP, acceptable use policy  www (world wide web)  The student will locate at least 3 web sites on a self-selected topic and create a bibliography. The student will create a Hyper studio stack of 5 slides that discuss their topic	Encarta  Microsoft Internet Explorer  Hyper studio
3 <sup>rd</sup> Marking Period	Using on-line services to incorporate all skills, proficiencies and vocabulary to create student	saving work to a disk or folder  printing hard copies  creating portfolios	Encarta  Microsoft Internet Explorer  Microsoft Power Point

	research projects	<p>The student will choose a current local, national or world news event and will access at least 1 web site pertaining to his/her choice. The student will gather pertinent facts about the event and report these facts to the class in the form of a 10 slide Power Point Presentation.</p>	
4 <sup>th</sup> Marking Period	Using on-line services to incorporate all skills, proficiencies and vocabulary to create student projects	<p>saving work to a disk or folder</p> <p>printing hard copies</p> <p>creating portfolios</p> <p>The student will create (address labels, business cards, cards, etc.) using publishing software</p>	Microsoft Publisher

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**Grade Five Proficiencies**

**TLW demonstrate proficiency in each of the following areas:**

1A. Be able to start-up computer.

1B. Be able to shutdown computer.

2. Be able to identify the parts of the computer

3. Be able to use a mouse.

4. Be able to launch an application through an icon

5. Be able to click and drag.

6. Be able to open and close a window.

7. Be able to identify a disk and CD ROM.

8. Be able to use a word processor to create a document.

9. Have knowledge of a drawing program.

10. Be able to launch and quit an application through an icon.

11. Be able to use a draw program to enhance student work.

12. Be able to print a document.

13. Be able to access information on-line.

14. Be able to save work to a folder, disk, or drive.

15. Be able to type using the keyboard.

Year At A Glance:

Theme: Using a computer to enhance student work/create.

First Marking Period

Lesson 1: Exploring Encarta

Lesson 2: Searching Encarta for information

Lesson 3: citing sources

Lesson 4: review using the Internet to find information

Lesson 5: review I-Safe America Internet safety

Lesson 6: select topic of interest/begin search using Encarta

Lesson 7: continue facts gathering using Internet

Lesson 8: begin writing 2-page paper

Lesson 9: finish papers

<http://www.microsoft.com/education/default.asp?ID=LeadingLives>

<http://www.microsoft.com/education/default.asp?ID=GivingThanksParade>

<http://www.microsoft.com/education/default.asp?ID=Machines>

<http://www.microsoft.com/education/default.asp?ID=LessonPlans>

Second Marking Period

Lesson 1: Getting Started in Hyper studio/creating stacks

Lesson 2: Introducing Features of Hyper studio: buttons, text, animation, etc

Lesson 3: Creating mini project Family Tree

(located on pp17 in HyperStudio Classroom Activities book)

Lesson 4: continue project

Lesson 5: Brainstorm a list of topics that students could use for project/pass out work packet (pp3-6 of HyperStudio Classroom Activities book) and begin

Lesson 6: continue work on 5-stack presentation

Lesson 7: continue work

Lesson 8: conduct peer review (pp7 HyperStudio Classroom Activities)/revise if necessary

Lesson 9: turn in final project and view

<http://wilburnes.wcpss.net/ploss/camjansen/camjansen.html>

[http://www.hpedsb.on.ca/ec/est/9798/el\\_mm/emm\\_links.htm](http://www.hpedsb.on.ca/ec/est/9798/el_mm/emm_links.htm)

<http://www.montvilleschools.org/standintall/nston/elmpo01.htm>

<http://www.uvm.edu/~jmorris/hyperstudioweb1.html>

Third Marking Period:

Lesson 1: Overview of Microsoft Power Point: compare and contrast Power Point and HyperStudio

<http://www.science.iupui.edu/SAC98/ppt.htm>

<http://www.teachers.net/lessons/posts/1668.html>

<http://www.lethsd.ab.ca/mmh/grade3c/claritechgr3/powerpnt/powerpnt.htm>

<http://www.catawba.k12.nc.us/pages/its/towery/PowerPoint.htm>

Lesson 2: Introduce features of PowerPoint: background, clipart, sound, movies

Lesson 3: Downloading clipart from Microsoft

<http://www.brainybetty.com/index1.htm>

Lesson 4: Create mini project

<http://edweb.tusd.k12.az.us/ekowalczyk/libraries/activities.htm>

<http://www.esu5.org/techteacher/powerpoint.htm>

Lesson 5: continue mini project

Lesson 6: Brainstorm a list of current events that would be appropriate and interesting to research/select topic/and begin web site search.

Lesson 7: continue working on PowerPoint presentation

Lesson 8: continue working on presentation

Lesson 9: complete project and turn in

## Fourth Marking Period

Lesson 1: Introduce Publisher: compare and contrast Publisher with other Programs that we have used.

Lesson 2: Create address labels using the Publisher Wizard

Lesson 3: Create business cards using the Publisher Wizard

Lesson 4: Create a greeting card using the Publisher Wizard

Lesson 5: Create an invitation using the Publisher Wizard

Lesson 6: Create a sign using the Publisher Wizard

Lesson 7: Create magnets using Publisher

Lesson 8: Create an iron-on transfer-using Publisher

Lesson 9: complete the transfer project

<http://www.allcrafts.net/computer.htm#freeprojects>

## Ideas for a Substitute

Open Internet Explorer and have students access the following

<http://www.oswego.org/staff/cchamber/linkscf/subjects.cfm?code=Math>

<http://www.marcias-lesson-links.com/>

<http://www.sd925.w-cook.k12.il.us/WPS/resource/gr1.html>

[http://www.thecoo.edu/~apeter/computer\\_lab.htm](http://www.thecoo.edu/~apeter/computer_lab.htm)

<http://www.madison.k12.wi.us/tnl/langarts/techlit/tlindex.htm#lessons>

<http://www.myschoolonline.com/folder/0,1872,23847-107973-26-11590,00.html>

<http://www.discover.tased.edu.au/ec/teachers/kidpix/index.htm>

<http://www.bobsedulinks.com/early.htm>

<http://www.internet4classrooms.com>

## Teaching Ideas:

<http://www.monroe.k12.ct.us/%7Eetc/index.htm>

<http://www.forsyth.k12.ga.us/sbeck/index.htm>

## 6+1 Trait Writing Technology Integration Lessons

<http://www.kent.k12.wa.us/staff/ljancola/6Trait/lessons.htm>

<http://www.marcias-lesson-links.com/>

[http://www.thecoo.edu/~apeter/computer\\_lab.htm](http://www.thecoo.edu/~apeter/computer_lab.htm)

<http://www.ereaders.scps.k12.fl.us/plans.html>

<http://www.allcrafts.net/computer.htm#freeprojects>

[http://www.kent.k12.wa.us/curriculum/tech/tech\\_int.html](http://www.kent.k12.wa.us/curriculum/tech/tech_int.html)

<http://www.madison.k12.wi.us/tnl/langarts/techlit/tlindex.htm#lessons>

<http://www.tisdalschooldiv.sk.ca/kanuski/teachers/offline/default.htm>

## Technology Fair

<http://education.dot.gov/k5/tech.htm>

<http://www.telusplanet.net/public/groenen/#Computer%20Literacy>

<http://etc.davis.k12.ut.us/etclessons.htm>

<http://www.discover.tased.edu.au/ec/teachers/kidpix/index.htm>

<http://www.bobsedulinks.com/lpscience.htm>

<http://rozauer.tripod.com/elemla.htm>

[http://www.intelinfo.com/newly\\_researched\\_free\\_training/Elementary\\_Computer\\_Lessons.html](http://www.intelinfo.com/newly_researched_free_training/Elementary_Computer_Lessons.html)

<http://www.brrd.ab.ca/tof/useful.htm>

## Bernie's Typing Travels

Third Grade Lesson's 1-22

Fourth Grade Lesson's Skill Building Lessons

Fifth Grade Lesson's Cross Curricular Activities

Proposal: Increase 3-5 grades to 2 times a week and 1 day is devoted to typing exclusively.

## TECHNOLOGY IN THE ELEMENTARY COMPUTER LAB

### **MICROSOFT WORD:**

- Welcome letters
- Sticky Notes
- Stationery
- Greeting cards (pop-up)
- Bag Tags
- Mini gift bags
- Newsletters
- Recipe books, story books, Acrostic poems
- Practice spelling words, sight words, rhyming words, sentences, punctuation

### **MICROSOFT EXCEL:**

- Posters
- Graphs
- Brochures
- Learning stations

### **POWERPOINT:**

- Music videos
- Introducing new concepts
- Jeopardy game
- Research projects
- Web sites to save
- Parent night
- Board of education presentations
- Field trip pictures

### **KIDPIXS:**

- Patterns, shapes, numbers
- Venn diagrams comparisons
- Sorting
- Poetry
- Holiday art projects
- Categorization
- Worksheets (color words, numbers)
- Books (Letter recognition/ counting books)
- Unit tests (label parts of flower)

### **HYPERSTUDIO:**

- **Research projects**
- **Books**
- **All About Me**
- **Talking books**
- **Field trip projects**
- **Sport buddies cards**
- **Holiday cards**

#### **INTERNET PROJECTS:**

- **Puzzles** – <http://www.puzzlemaker.com>
- **Maps** – [www.mapquest.com](http://www.mapquest.com)
- **Weather** – [www.weather.com](http://www.weather.com)
- **Math games** – [www.funbrain.com](http://www.funbrain.com)
- **Current Events** – [www.timeforkids.com/TFK](http://www.timeforkids.com/TFK)
- **Encyclopedia** – [www.worldbookonline.com/wbol/wbPage/na/ho/co](http://www.worldbookonline.com/wbol/wbPage/na/ho/co)
- **List of bookmarks** – [www.eldoradoschools.org](http://www.eldoradoschools.org) (technology link, Nancy bookmarks)
- **Ready made Internet projects** - <http://projects.edtech.sandi.net/projects>
- **Virtual trips** - <http://americanhistory.si.edu/>
- <http://www.eastislip.k12.ny.us/mst/web/lessons/activities/list.html>
- <http://65.241.106.7/projectstudent/FMPro?-db=Projects&-lay=Layout%20%231&-format=search.htm&-view>
- <http://technology.usd497.org/ctr/ClassroomActivitiesElementarySocialStudies.htm>
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#### **DIGITAL CAMERAS:**

- **Pictures of classroom work**
- **Pictures of field trips**
- **Pictures of students, staff, volunteers**
- **Use pictures for web pages, newspaper, HyperStudio, PowerPoint presentations**
- <http://www.edzone.net/~mwestern/pix.html>
- <http://pegasus.cc.ucf.edu/~ucfcasio/qvuses.htm>
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#### **SCANNERS:**

- **Scan student work**
- **Scan student photos**
- **Scan book jackets & other items for bulletin boards**

#### **COMPUTER PROJECTOR: (or projection on large screen TV.)**

- **Model computer basics**
- **Whole class teaching units**
- **Present PowerPoint, & HyperStudio projects**
- **Open House display of work**
- **Parent or Board Presentations**
- **Computer generated storybooks**