

POTTSGROVE SCHOOL DISTRICT
K-5 Technology

Exit Outcomes

Kindergarten: Students should be able to do the following by the end of the year.

- Log onto the Pottsgrove network by using a generic user name and password.
- Close windows of an application and log off a school computer.
- Use the shift key for uppercase letters.
- Type their names and simple sentences with punctuation.
- Use the @ spring on the dock to access and interact with Kindergarten Internet websites.
- Know how to use the space bar, return key, and delete keys on the keyboard.
- Use the toolbox in Tux Paint to create a picture.
- Use the mouse ball and scroll bar to move up and down a page.
- Click and drag items with a mouse.
- Use the program Startwrite to create 1-2 sentence word-processed documents with or without a graphic.
- Use the program Photo Booth to create a picture or a video clip.
- Know how to print a document in Startwrite and Tux Paint.
- Know how to raise and lower volume on headphones.
- Understand computer and Mac vocabulary- keyboard, mouse, headphones, desktop, dock, red button, Apple menu button

1st Grade: Students should be able to do the following by the end of the year.

- Log onto the Pottsgrove network using their Pottsgrove user names and passwords without assistance.
- Create simple multiple sentence word-processed documents with correct spacing and punctuation in A word processing application.
- Use the Zoom button in a word processing application.
- Take a photo in Photo Booth and drag and drop it onto a word processing application document.
- Know how to save a word processing application document to the desktop and open the document.
- Use the command-S keys to save a document.
- Access and interact with first grade level web pages on the Internet using the Firefox browser.
- Type a simple website address into a web browser address box.
- Create a bookmark on the bookmark toolbar in Firefox.
- Follow a “path” to access a certain part of a website.
- Use the delete key and click to edit in a word processing application.

- Use the font family and font size buttons in a word processing application.
- Understand Mac vocabulary- pull-down menu, Spotlight.
- Be able to verbally describe basic Internet safety rules.

2nd Grade: Students should be able to do the following by the end of the year.

- Learn to save documents to their network folder.
- Use the bold, center, and left align buttons in a word processing application.
- Use basic end punctuation and commas in a word processing application.
- Use World Book Online to access and read articles about given topics.
- Use two windows by minimizing or using the F9 key on the keyboard.
- Apply simple research rules of putting information into your own words.
- Get a document template from a shared network folder and put the document into their network folders.

3rd Grade: Students should be able to do the following by the end of the year.

- Use the tab key to indent a paragraph.
- Access information on the Internet by using active web links on a document.
- Edit and correct a paragraph.
- Use given websites to research facts about a self selected endangered animal.
- Write a 3-4 paragraph research report.
- Learn more about simple machines, which are covered in science.

4th Grade: Students should be able to do the following by the end of the year.

- Create and format a table on a word processing application document and print it.
- Create a Keynote presentation with bulleted text, paragraphs, pictures, and builds.
- Work with multiple windows open by minimizing or using the F9 key.
- Create a travel brochure with appropriate text and pictures.

5th Grade: Students should be able to do the following by the end of the year.

- Research a natural disaster and type notes on a word processing application electronic planning sheet.
- Copy and paste web links into a word processing planning sheet in order to create a works cited page.
- Write and print a 5-6 paragraph research report including a title page with pictures and a works cited page and print.

- Evaluate websites as appropriate and accurate sources of information
- Create scripts and shoot video clips using iMovie.
- Organize and edit clips and pictures to create a finished personal movie on the topic of careers.
- Burn a CD of their career movies to share at home with family.

Pottsgrove Middle School
 Computer Technology Curriculum
 6th Grade
 2011-2012

Technology Unit	Applications Used	Objectives	Pennsylvania State Standards	National Educational Technology Standards
Internet Safety, Security & Privacy	Computer Education Wiki http://dmacilvain.pottsgrove.wikispaces.net www.safekids.com	The students will <ul style="list-style-type: none"> •increase their awareness of Internet safety, security and privacy •learn Internet Safety, Security and Privacy tips •demonstrate their understanding of Internet Safety, Security & Privacy strategies 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	5.a. advocate and practice, legal and responsible use of information and technology 5.c. demonstrate personal responsibility for lifelong learning 5.d. exhibit leadership for digital citizenship
Copyright and Fair Use Laws	Computer Education Wiki http://www.copyrightkids.org/	The student will <ul style="list-style-type: none"> •increase their awareness of Copyright and Fair Use Laws •demonstrate their understanding of Copyright and Fair Use Laws 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	5.a. advocate and practice, legal and responsible use of information and technology 5.c. demonstrate personal responsibility for lifelong learning 5.d. exhibit leadership for digital citizenship

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Technology Unit	Applications Used	Objectives	Pennsylvania State Standards	National Educational Technology Standards
Keyboarding	Type to Learn 4	The students will <ul style="list-style-type: none"> •learn keyboarding by building good habits, speed and accuracy through structured lessons •learn proper keyboarding techniques •demonstrate their keyboarding skills by completing various reinforcement keyboarding activities 	3.7.C. demonstrate age appropriate keyboarding skills	6.b.select and use applications effectively and productively
Memory Letter	Word Processing, Photobooth and iPhoto	The student will <ul style="list-style-type: none"> •identify parts of a block style •demonstrate word processing skills •create a block style letter •increase their knowledge,experience and technology skills •show how to save to their network folder and print to a network printer 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	1.c. create original works as a means of personal or group expression. 6.b. select and use applications effectively and productively

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iMovie Biography	iPhoto, iMovie, iTunes and Word Processing and the Internet	The students will <ul style="list-style-type: none"> •research and acquire knowledge from the Internet about a famous person •increase their knowledge, experience, and technology skills using multimedia •produce and edit an iMovie •use applications effectively and productively 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	1.b. create original works as a means of personal expression 2.b. communicate information and ideas effectively to multiple audiences using a variety of media and formats 3.b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media 6.a. select and use applications effectively and productively

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Famous African American Inventor WebQuest/ Podcast	Word Processing, GarageBand, iTunes, iPhoto, iWeb and the Internet	The student will: <ul style="list-style-type: none"> •increase their knowledge, experience, and technology skills in multimedia applications •research the Internet •apply word processing skills •produce and edit a script •create a Podcast •communicate information using a variety of media 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	1.b. create original works as a means of personal or group expression 2.b. communicate information and ideas effectively to multiple audiences using a variety of media and formats 6.b.select and use application effectively and appropriately
Keynote or PowerPoint Presentation	Keynote or PowerPoint and iPhoto ,iTunes	The student will <ul style="list-style-type: none"> •compose a Name and Acrostic poem •increase their knowledge, experience, and technology skills in a multimedia application •demonstrate their technology knowledge 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	1.b. create original works as a means of personal or group expression 4.b. plan and manage activities to develop a solution or complete a project 6.b.select and use applications effectively and productively

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M & M Experiment - Collecting and Numerically Analyzing Data	Spreadsheet, Voice Thread- Web 2.0 tool	The student will: <ul style="list-style-type: none"> • increase their knowledge, experience and technology skills • develop a basic knowledge of the Scientific Method • collect and organize data • identify cell addresses • apply formulas and functions in adjacent cells • develop a graph to analyze data and interpret results • create a VoiceThreads to communicate their results to their classmates and make comments 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	1.a. apply existing knowledge to generate new ideas, products, processes 3.d. process data and report results 4.c. collect and analyze data to identify solutions and/or make informed decisions

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Internet Safety, Security & Privacy	Computer Education Wiki http://dmacilvain.pottsgrove.wikispaces.net www.safekids.com	The student will •increase their awareness of Internet safety, security and privacy •identify Internet Safety, Security and Privacy tips & strategies •research and evaluate information from the Internet	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	5.a. advocate and practice, legal and responsible use of information and technology 5.c. demonstrate personal responsibility for lifelong learning 5.d. exhibit leadership for digital citizenship
Copyright and Fair Use Laws	Computer Education Wiki http://www.copyrightkids.org/	The student will •increase their awareness of Copyright and Fair Use Laws •demonstrate their understanding of Copyright and Fair Use Laws	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity	5.a. advocate and practice, legal and responsible use of information and technology 5.c. demonstrate personal responsibility for lifelong learning 5.d. exhibit leadership for digital citizenship

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Keyboarding	Type to Lean 4	The student will <ul style="list-style-type: none"> •develop keyboarding skills by building good habits, speed and accuracy through structured lessons •demonstrate their keyboarding skills by completing various reinforcement keyboarding activities 	3.7.C. demonstrate age appropriate keyboarding skills	6.b.select and use applications effectively and productively
Web 2.0 Unit - Voki Book Review	Word Processing and Voki-Web 2.0 Tool www.voki.com	The student will <ul style="list-style-type: none"> •identify parts of a block style letter •demonstrate word processing skills •compose a book review •apply Web 2.0 knowledge •produce a Voki •show how to use their network folder and print 	1.9.7.A Use media and technology resources for self-directed learning, support personal productivity.	1.c. create original works as a means of personal or group expression. 5.a. advocate and practice, legal and responsible use of information and technology 6.b. select and use applications effectively and productively

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Digital Storytelling	iMovie, Mind 42 visual thinking software	The student will <ul style="list-style-type: none"> •brainstorm with their production team to generate a variety of ideas and concepts •use a visual thinking software tool to organize and map their ideas •create a storyboard/script •produce and edit media to create an iMovie •apply iMovie technology tools •present their iMovie 	1.9.7.A. Use media and technology resources for self-directed learning, support and personal productivity.	1.b. create original works as a means of personal expression 2.a.interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media 2.b. communicate information and ideas effectively to multiple audiences using a variety of media and formats 3.b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media 4.b.plan and manage activities to develop a solution or complete a project 5.a. exhibit a positive attitude toward using technology that supports collaboration, learning and productivity

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Wikispace	Pottsgrove Private Label WikiSpaces	The student will: •design a Wiki page •apply Wikispaces technology tools •generate ideas and plans for their Wiki page •embed a video and podcast into their Wiki •evaluate peer's Wiki	1.9.7.A. Use media and technology resources for self-directed learning, support and personal productivity.	1.b. create original works as a means of personal expression 5.a. exhibit a positive attitude toward using technology that supports collaboration, learning and productivity