|  |  |  |
| --- | --- | --- |
| Grade Level | Technology Skills Expectation by the end of this grade level | Possible programs/applications to promote skills |
| K | Log into the computer using a un/pw  Ability to manipulate the mouse  Ability to drag and drop  Ability to scroll  Ability to click on objects  Familiarity with computer care  Keyboard familiarity  Ability to type capital letters  Ability to type name  Ability to use arrow keys  Participation in videoconferencing | Any ipad apps  Online typing programs such as Dance Mat Typing <http://www.bbc.co.uk/schools/typing/>  Online typing games  <http://www.typingtest.com/games.html>  Learning Games for Kids  <http://www.learninggamesforkids.com/keyboarding_games.html>  typing Web  <http://www.typingweb.com/>  Word |
| Grade 1 | Competent mouse skills  Read electronic information on screen  Gather, organize, and manipulate objects  Explore multimedia  Type a sentence or two  Participate in video conferencing | Word  Any ipad apps  Scholastic kids  <http://www.scholastic.com/parents/play/?esp=CORPHP/ib/////NAV/Kids/Tab/FPHP////>  PBS Kids  <http://pbskids.org/>  Starfall  <http://www.starfall.com/>  Kid Browsers  <http://www.kidzui.com/> |
| Grade 2 | Build word processing skills  Collect, sort and display information  Use drawing tools  Continued multimedia exploration and use  Use electronic database to find information  Begin blogging with class  Participate in video conferencing | Word  Tuxpaint  <http://tuxpaint.org/>  Kidblog  <http://kidblog.org/home/> |
| Grade 3 | Awareness of copyright issues and how to follow them  Explore information online  Build word processing techniques using correct techniques and menu selections (two hand typing)  Proofread and edit word processing products  Use drawing programs to create for content areas  Create simple presentations  Manipulate materials with greater ease (copy/paste, short-cuts)  Open and Save files  Navigate a browser (back and forward buttons, tab)  Begin to create simple citations  Participate in videoconferencing | Word  Drawing programs listed previously  Powerpoint  Voki  <http://www.voki.com/>  Animoto  <http://animoto.com/>  Photostory  Typing programs listed previously  Culturegrams  <http://www.culturegrams.com/>  Thinkfinity  <http://www.thinkfinity.org> |
| Grade 4 | Know how to use computer icons and menus  Explore email use  Know how to use sites for electronic pen pals or educational social tools  Prepare and make formal presentations using technology  Know a system for bookmarking/saving sites  Locate information on the internet using keyword searches  Collaborate with peers on digital projects  Complete graphic organizers online  Be able to take photos and videos and upload to computer  Be able to insert photos into projects  Compose short stories using a web-based tool  Use citations on a regular basis  Ability to create a table  Participate in videoconferencing | Columbia Gmail  EPals  <http://www.epals.com/>  Edmodo  Diigo  <http://www.diigo.com>  Bubbl.us  <https://bubbl.us/>  Mindmeister  <http://www.mindmeister.com/>  Gliffy  <http://www.gliffy.com/>  Thinkfinity  <http://www.thinkfinity.org>  Culturegrams  <http://www.culturegrams.com/>  Google  Google Apps for collaboration  Word |
| Grade 5 | Actively use the writing process for word processing (plan, draft, revise, edit, publish)  Ability to use online tools such as dictionary, thesaurus  Create and complete graphic organizers online  Ability to create tables, charts, and graphs  Ability to use search strategies  Participate in video conferencing  Use school email account to send messages to teacher and submit documents  Explore the use of google applications  Develop multimedia presentations using citations  Take and edit photos and videos  Include edited photos and videos in projects  Compose and format longer stories using Word Processing  Collaborate with peers on projects using technology  Blog using individual entry on class blog  Discuss, share and blog about course content | Gmail  Google Apps  Edmodo  Weebly  Windows movie maker  All programs listed above  Blogger (attached to your google apps)  Word Press  <http://wordpress.org/>  Moodle |
| Grade 6 | Use google applications for collaboration with peers  Write and maintain a personal blog  Be able to manipulate and move graphics and information from one program/application to another  Use a variety of programs to create projects for content  Know how to leave an online comment for peers using good netiquette  Discuss, share and blog about course content | Use of all previous |
| Grade 7&8 | Use spreadsheets and databases relevant to classroom assignments  Choose charts and graphs to best represent data  Conduct research and evaluate online materials | Excel  Use of all previous  Study Island  Gizmos |
| Grade9-12 |  | Use of all previous  Study Island  Gizmos |