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| 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/pwAbility to manipulate the mouseAbility to drag and dropAbility to scrollAbility to click on objects Familiarity with computer careKeyboard familiarityAbility to type capital lettersAbility to type nameAbility to use arrow keysParticipation in videoconferencing | Any ipad appsOnline 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 skillsRead electronic information on screenGather, organize, and manipulate objectsExplore multimediaType a sentence or twoParticipate in video conferencing | WordAny ipad appsScholastic 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 skillsCollect, sort and display informationUse drawing toolsContinued multimedia exploration and useUse electronic database to find informationBegin blogging with classParticipate in video conferencing | WordTuxpaint<http://tuxpaint.org/>Kidblog<http://kidblog.org/home/> |
| Grade 3 | Awareness of copyright issues and how to follow themExplore information onlineBuild word processing techniques using correct techniques and menu selections (two hand typing)Proofread and edit word processing productsUse drawing programs to create for content areasCreate simple presentationsManipulate materials with greater ease (copy/paste, short-cuts)Open and Save filesNavigate a browser (back and forward buttons, tab)Begin to create simple citationsParticipate in videoconferencing | WordDrawing programs listed previouslyPowerpointVoki<http://www.voki.com/>Animoto<http://animoto.com/>PhotostoryTyping programs listed previouslyCulturegrams<http://www.culturegrams.com/>Thinkfinity<http://www.thinkfinity.org> |
| Grade 4 | Know how to use computer icons and menusExplore email useKnow how to use sites for electronic pen pals or educational social toolsPrepare and make formal presentations using technologyKnow a system for bookmarking/saving sitesLocate information on the internet using keyword searchesCollaborate with peers on digital projectsComplete graphic organizers onlineBe able to take photos and videos and upload to computerBe able to insert photos into projectsCompose short stories using a web-based toolUse citations on a regular basisAbility to create a tableParticipate in videoconferencing  | Columbia GmailEPals<http://www.epals.com/>EdmodoDiigo<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/>GoogleGoogle Apps for collaborationWord |
| Grade 5 | Actively use the writing process for word processing (plan, draft, revise, edit, publish)Ability to use online tools such as dictionary, thesaurusCreate and complete graphic organizers onlineAbility to create tables, charts, and graphsAbility to use search strategiesParticipate in video conferencing Use school email account to send messages to teacher and submit documentsExplore the use of google applicationsDevelop multimedia presentations using citationsTake and edit photos and videosInclude edited photos and videos in projectsCompose and format longer stories using Word ProcessingCollaborate with peers on projects using technologyBlog using individual entry on class blogDiscuss, share and blog about course content | GmailGoogle AppsEdmodoWeeblyWindows movie makerAll programs listed aboveBlogger (attached to your google apps)Word Press<http://wordpress.org/>Moodle |
| Grade 6 | Use google applications for collaboration with peersWrite and maintain a personal blogBe able to manipulate and move graphics and information from one program/application to anotherUse a variety of programs to create projects for contentKnow how to leave an online comment for peers using good netiquetteDiscuss, share and blog about course content | Use of all previous |
| Grade 7&8 | Use spreadsheets and databases relevant to classroom assignmentsChoose charts and graphs to best represent dataConduct research and evaluate online materials | ExcelUse of all previousStudy IslandGizmos |
| Grade9-12 |  | Use of all previousStudy IslandGizmos |