

# Technology Course Content Checklist Grades 5-8

## Technology Checklist – Fifth Grade

### **TECHNOLOGY CONTENT STANDARD 1: A student must use digital tools and resources for problem solving and decision-making.**

Students will:

- 51.1 Use word processing applications understand and use the cursor, select text, center text, change font, size, style and color, preview, print, save documents, insert graphics, and set margins
- 51.2 Use appropriate technologies for a specific task using various technologies such as scanner, digital video camera digital camera, telephone, television projectors, DVD players, interactive white boards, PDA, MP3 player, iPods, etc.
- 51.3 Participate in individual and/or group multimedia projects (i.e. presentation software)
- 51.4 Continue use of electronic graphs, charts, and organizing tools (Inspiration, Timeline, etc.)

### **TECHNOLOGY CONTENT STANDARD 2: A student must collaborate and communicate globally in a digital environment.**

Students will:

- 52.1 Continue to send and receive e-mail as a class and begin sending email independently
- 52.2 Review district's/school's acceptable use policy
- 52.3 Continue Internet safety
- 52.4 Continue development of copyright and plagiarism concept involving text and graphics
- 52.5 Be introduced to concept of proper citation

### **TECHNOLOGY CONTENT STANDARD 3: A student must apply digital tools and skills with creativity and innovation to express his/herself, construct knowledge and develop products and processes.**

Students will:

- 53.1 Continue participating in small group or individual research in problem solving activities using the computer as the tool and communicate the findings
- 53.2 Continue independent Internet searches using key words
- 53.3 Use web browser tools independently
- 53.4 Continue using online information resources independently (Library resources/databases)
- 53.5 Begin use of publication applications (i.e. Print Shop, Publisher, etc.)

**Technology Checklist – Fifth Grade (cont.)****TECHNOLOGY CONTENT STANDARD 4: A student must possess a functional understanding of technology concepts and operations.**

Students will:

- 54.1 Begin using strategies for identifying and solving routine hardware and software problems that occur during everyday use such as restart the computer, check cables for power and network connectivity, choose printers appropriately
- 54.2 Demonstrate appropriate care and use of computer and peripheral devices; proper removal of portable drives
- 54.3 Continue to work within the Desktop environment including the following: identify drive icons (examples: C Drive, D Drive, etc.), documents applications, folders, and launch applications; access the Internet, use menus; delete files; use the scroll bars; select, deselect, select all, copy, cut, and paste; launch and use multiple programs using task bar (minimize/maximize)
- 54.4 Continue formal keyboarding
- 54.5 Practice use of right click mouse menu
- 54.6 Review save, save as, and how to retrieve documents to and from a specific location; create files and folders
- 54.7 Be introduced to file extensions such as jpg, gif, doc, txt, ppt, pdf, docx, pptx, etc.

## Technology Checklist – Sixth Grade

### **TECHNOLOGY CONTENT STANDARD 1: A student must use digital tools and resources for problem solving and decision-making.**

Students will:

- 61.1 Use word processing applications understand and use the cursor, select text, center text, change font, size, style and color, preview, print, save documents, insert graphics, set margins, and create tables
- 61.2 Use appropriate technologies for a specific task using various technologies such as scanner, digital video camera digital camera, telephone, television projectors, DVD players, interactive white boards, PDA, MP3 player, iPods, etc.
- 61.3 Participate in individual and/or group multimedia projects using presentation software
- 61.4 Continue use of electronic graphs, charts, and organizing tools (Inspiration, Timeline, etc.)
- 61.5 Be introduced to spreadsheet applications
- 61.6 Be introduced to Web 2.0 tools: blogs, podcasts, and wikis

### **TECHNOLOGY CONTENT STANDARD 2: A student must collaborate and communicate globally in a digital environment.**

Students will:

- 62.1 Continue to send and receive email independently
- 62.2 Review district's/school's acceptable use policy
- 62.3 Expand Internet safety to include advertisement awareness and social networking
- 62.4 Continue development of copyright and plagiarism concept involving text, graphics, and music
- 62.5 Continue use of proper citation

### **TECHNOLOGY CONTENT STANDARD 3: A student must apply digital tools and skills with creativity and innovation to express his/herself, construct knowledge and develop products and processes.**

Students will:

- 63.1 Continue participating in small group or individual research in problem solving activities using the computer as the tool and communicate the findings
- 63.2 Refine Internet searches using key words
- 63.3 Continue using web browser tools independently
- 63.4 Continue using online information resources independently (Library resources/databases, Infotrack, online encyclopedias, online dictionaries)
- 63.5 Continue using publication applications (i.e. Print Shop, Publisher, etc.)

**Technology Checklist – Sixth Grade (cont.)****TECHNOLOGY CONTENT STANDARD 4: A student must possess a functional understanding of technology concepts and operations.**

Students will:

- 64.1 Practice strategies for identifying and solving routine hardware and software problems that occur during everyday use such as restart the computer, check cables for power and network connectivity, choose printers appropriately
- 64.2 Demonstrate appropriate care and use of computer and peripheral devices; proper removal of portable drives
- 64.3 Continue to work within the Desktop environment including the following: identify drive icons (examples: C Drive, D Drive, etc.), documents applications, folders, and launch applications; access the Internet, use menus; delete files; use the scroll bars; select, deselect, select all, copy, cut, and paste; launch and use multiple programs using task bar (minimize/maximize)
- 64.4 Reinforce formal keyboarding skills/technique
- 64.5 Practice use of right click mouse menu
- 64.6 Review save, save as, and how to retrieve documents to and from a specific location; create and manage files and folders
- 64.7 Review file extensions such as jpg, gif, doc, txt, ppt, pdf, docx, pptx, and be introduced to midi, mov, and wmv

## Technology Checklist – Seventh/Eighth Grade

### **T7/81.0 A student must use digital tools and resources for problem solving and decision-making.**

Students will:

- .1 Use word processing applications understand and use the cursor, select text, center text, change font, size, style and color, preview, print, save documents, insert graphics, set margins, and create tables
- .2 Use appropriate technologies for a specific task using various technologies such as scanner, digital video camera digital camera, telephone, television projectors, DVD players, interactive white boards, PDA, MP3 player, iPods, etc.
- .3 Participate in individual and/or group multimedia projects using presentation software
- .4 Continue use of electronic graphs, charts, and organizing tools (Inspiration, Timeline, etc)
- .5 Continue use of spreadsheet applications
- .6 Expand introduction of Web 2.0 tools: blogs, podcasts, wikis, social bookmarking, RSS, etc.

### **T7/82.0 A student must collaborate and communicate globally in a digital environment.**

- .1 Continue to send and receive email independently
- .2 Review district's/school's acceptable use policy
- .3 Review Internet safety and include advertisement awareness and social networking
- .4 Continue development of copyright and plagiarism concept involving text, graphics, music, and video
- .5 Continue use of proper citation

### **T7/83.0 A student must apply digital tools and skills with creativity and innovation to express his/herself, construct knowledge and develop products and processes.**

- .1 Continue participating in small group or individual research in problem solving activities using the computer as the tool and communicate the findings
- .2 Practice independent Internet searches using key words
- .3 Continue using online information resources independently (Library resources/databases, Infotrack, online encyclopedias, online dictionaries)
- .4 Expand use of publication applications (i.e. Print Shop, Publisher, etc.)

**T7/84.0 A student must process a functional understanding of technology concept and operations.**

- .1 Identify and solve routine hardware and software problems that occur during everyday use such as restart the computer, check cables for power and network connectivity, choose printers appropriately
- .2 Demonstrate appropriate care and use of computer and peripheral devices; proper removal of portable drives
- .3 Work within the Desktop environment independently
- .4 Practice formal keyboarding skills/technique
- .5 Review save, save as, and how to retrieve documents to and from a specific location; create and manage files and folders
- .6 Review file extensions such as jpg, gif, doc, txt, ppt, pdf, docx, pptx, midi, mov, and wmv