

Information Technology Literacy Standards

Grade 6

Strand 1: Critical Thinking, Creativity and Innovation

Develop innovative products and processes using digital, media, and print learning tools to share new knowledge with others.

Learning Target: Students apply answers and new knowledge to develop an innovative product using a variety of digital, media and print resources.

Skills:

1. Create a multimedia product using existing images for the appropriate audience and purpose.
2. Create a list of images to prepare for a multimedia production.
3. Complete an advanced image search.
4. Identify and use image file types.
5. Use a digital storyboard to plan a multimedia presentation or site layout.
6. Practice ethical and appropriate use of all media and comply with copyright law.

Strand 2: Collaborative Learning, Group Communication and Digital Citizenship

Develop, implement and communicate new ideas with others through various modes such as oral, written, and nonverbal with multiple groups and audiences using diverse media, formats and contexts effectively.

A. Learning Target: Interact, collaborate, and publish with peers, experts, or others employing a variety of print and digital environments.

Skill: Students contribute individually to a social network in order to complete a group or class project.

B. Learning Target: Students will engage in learning activities with learners from multiple cultures through e-mail, texting and other electronic communication means including audio and video.

Skills:

1. Use online forums, blogs, email, text messaging, chat or video conferencing to interact with students or experts from other cultures, communities, or countries on a collaborative, content-specific activity or project.
2. Understand how to communicate electronically with a specific audience.
3. Define and upload attachments
4. Add an individual contact and send an email to a group.
5. Talk clearly and loudly during online communication with others.

Strand 4: Personal Growth and Technology Literacy

Demonstrate a sound understanding of grade-appropriate digital concepts, systems, and tools.

Learning Target: Students will use technology tools with proficiency to create and present ideas through simple products in different formats.

Skills:

Keyboarding

1. Apply keyboarding skills through weekly practice in content area to increase speed and accuracy.
2. Reinforce posture and technique whenever using keyboarding skills (in all typing instances and all content areas)
3. Common Core Standards: Students should be able to type 3 pages in a single setting.

Implement 2012-13: Use Keyboarding Rubric: O:Grade Level Curriculum: 6th Grade: Keyboarding

Vocabulary

- Understand the concepts of cyberspace, virtual environments and cloud computing.
- Understand the following terms: wireless network, browsers, find/replace, paragraph spacing, tables, word art, wrap text around images

Tasks

- Save or back up information to appropriate location (e.g., local, network or external drives).
- Understand networks and be able to connect to a wireless network
- Organize and manage files and folders between school, home and online.
- Understand different printer options and choose appropriate printer
- Understand and use printer options such as page size, orientation, double sided, pamphlet, etc.
- Creating and formatting a spreadsheet= cut/copy/paste, center text across columns, merge text, wrap text within cell, create graph, interpret data in graph or chart
- Resolve and solve basic troubleshooting with hardware and software: use help in programs, check cables, look for network connection, check power source, cancel out of program that is frozen, reboot)
- Use advanced searching options in search engines for type of material, copyright, size, reading level, etc.