Information Technology Literacy Standards
Grade 8

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 an original webpage (site, blog, wiki) posting original text, images, and video.
2. Use a digital planning tool for the organization of the webpage.
3. Demonstrate proper image/video capture techniques: framing, lighting, zooming, flash, angles, backgrounds, etc.
4. 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 engage in digital conversations with peers, community members, and experts 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 for the purpose of sharing information and solving a problem.
2. Participate and engage with an online community within expected norms of behavior and positive interaction.
3. Describe and use safe and appropriate practices when participating in online communities.

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. Reinforce posture and technique whenever using keyboarding skills (in all typing instances and all content areas)
2. Practice techniques for navigation on mobile devices.

Tasks
- Save or backup information to appropriate location and be able to retrieve (ex: local, network or external drives, cloud)
- Organize and manage files and folders between school, home and online.
- Understand networks and be able to connect to a wireless network
- 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.