

Information Technology Literacy Standards

Grade 10

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 or enhance an original website with efficient navigation.
2. Use a digital planning tool for the organization of the website.
3. Demonstrate proper image/video capture techniques: framing, lighting, zooming, flash, angles, backgrounds, etc.
4. Design and record a podcast or vodcast.
5. 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 will solicit public and expert opinion in order to enhance a group or class project.

B. Learning Target: Students will know or be able to...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 know or be able to...Use technology tools with proficiency to create and present ideas through simple products in different formats.

Skills:

- 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.
- Use help within programs and online help to learn about features of hardware and software, as well as to assess and resolve problems.
- 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.