

Information Technology Literacy Standards ITLS

Grades 11 and 12

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 and publish a portfolio to show your best work.
2. Demonstrate knowledge of creating and using presentations effectively to engage audience and present information.

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 are engaged within online communities. They will be active participants in a minimum of one online community in which students contribute, interact, and publish online.

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. Engage in research with students and experts from other countries to develop cultural understanding by exploring global issues.
2. Create a product that increases understanding of a global issue for a variety of audiences.

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:

- 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.