

## **National Educational Technology Standards for Students**

1. **Creativity and Innovation-** Students will demonstrate creative thinking and create new products using technology. Students:

- a. Build new knowledge from prior knowledge.
- b. Create personal and group products.
- c. Use appropriate resources.
- d. Identify patterns and make hypothesis.

2. **Communication and Collaboration-** Students will use technology to communicate and work with others. Students:

- a. Interact, cooperate, and publish with others using a variety of digital media.
- b. Effectively communicate with others using different kinds of technology.
- c. Develop global cultural awareness and understanding.
- d. Contribute to project teams.

3. **Research and Information Fluency-** Students will use digital tools to gather, evaluate, and use information. Students:

- a. Plan strategies to guide inquiry.
- b. Locate, organize, analyze, evaluate, synthesize, and ethically use resources.
- c. Evaluate and select appropriate digital tools and resources.
- d. Define and explain conclusions and report to others.

4. **Critical Thinking, Problem Solving, and Decision Making-** Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. Students:

- a. Identify and define problems for investigation.
- b. Plan and manage projects.
- c. Collect and analyze data to identify explanations and make informed decisions.

d. Consider different ideas from others to more possible solutions.

**5. Digital Citizenship-** Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:

a. Use technology safely, legally, and responsibly.

b. Use technology to cooperatively learn and make new products with others.

c. Demonstrate being a lifelong learner.

d. Exhibit leadership.

**6. Technology Operations and Concepts-** Students demonstrate understanding of technology. Students:

a. Understand and use technology.

b. Select and use appropriate applications.

c. Conduct simple troubleshooting.

d. Combine prior knowledge with new knowledge.