

National Technology Standards:

BASIC OPERATIONS AND CONCEPTS:

- Students demonstrate a sound understanding of the nature and operation of technology systems.
- Students are proficient in the use of technology.

SOCIAL, ETHICAL AND HUMAN ISSUES:

- Students understand the ethical, cultural, and societal issues related to technology.
- Students practice responsible use of technology systems, information, and software.
- Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

TECHNOLOGY PRODUCTIVITY TOOLS:

- Students use technology tools to enhance learning, increase productivity, and promote creativity.
- Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

TECHNOLOGY COMMUNICATION TOOLS:

- Students use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.
- Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

TECHNOLOGY RESEARCH TOOLS:

- Students use technology to locate, evaluate, and collect information from a variety of sources.
- Students use technology tools to process data and report results.
- Students evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.

TECHNOLOGY PROBLEM- SOLVING AND DECISION-MAKING TOOLS:

- Students use technology resources for solving problems and making informed decisions.
- Students employ technology in the development of strategies for solving problems in the real world.