

## **Seventh Grade Technology Standards**

*Students will use basic and advanced coding techniques to design, implement and solve problems.*

*Students will be able to identify the fundamental and principles of cyber security.*

Standard 1: Students will understand basic operations and concepts of technology

- Students will demonstrate an understanding of the nature and operations of technology systems.
- Student will be proficient in the use of technology.
- Students will apply and touch systems of keying when using the computer.

Standard 2: Students will understand the importance of social, ethical, and human issues associated with technology.

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

Standard 3: Students will use technology productivity tools

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

Standard 4: Students will use technology communications tools.

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

Standard 5: Students will select and use appropriate technology research tools.

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

Standard 6: Students will utilize technology problem – solving and decision making tools.

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