Technology Core Essentials

8TH Grade

Creativity and Innovation

- ✔ Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
- ✔ Create original animations or videos documenting school, community or local events.
- ✔ Gather data, examine patterns, and apply information for decision making using digital tools and resources.
- ✔ Integrate a variety of file types to create and illustrate a document or presentation.

Communication and Collaboration

- ✔ Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
- ✔ Create original animations or videos documenting school, community, or local events.
- ✔ Participate in a cooperative learning project in an online community.

Research and Information Fluency

- ✔ Evaluate digital resources to determine the credibility of the author and publisher and the timeliness and accuracy of the content.
- ✔ Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.
- ✔ Demonstrate legal and ethical behaviors when using information and technology by properly selecting, acquiring, and citing resources.

Critical Thinking, Problem Solving, and Decision Making

- ✔ Gather data, examine patterns, and apply information for decision making using digital tools and resources.
- ✔ Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.
- ✔ Independently develop and apply strategies for identifying and solving routine technology problems.

Digital Citizenship

- ✔ Demonstrate legal and ethical behaviors when using information and technology by properly selecting, acquiring, and citing resources.

Technology Operations and Concepts

- ✔ Create original animations or videos documenting school, community, or local events.
- ✔ Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.
- ✔ Integrate a variety of file types to create and illustrate a document or presentation.
- ✔ Independently develop and apply strategies for identifying and solving routine technology problems.