



1

Creativity and Innovation

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Students:

- a. apply existing knowledge to generate new ideas, products, or processes. Students create a web site about a historical event.
- b. create original works as a means of personal or group expression. Students work individually or on a team to create original artwork
- c. use models and simulations to explore complex systems and issues.
- d. identify trends and forecast possibilities.

2

Communication and Collaboration

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students:

- a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media. Students work collaboratively to create a cover of the school magazine.
- b. communicate information and ideas effectively to multiple audiences using a variety of media and formats. Students work collaboratively to create original art work to contribute to the school web site.
- c. develop cultural understanding and global awareness by engaging with learners of other cultures. Students work collaboratively to create a poster about an important issue.
- d. contribute to project teams to produce original works or solve problems. Students work collaboratively to create original pieces of artwork using ImageBlender and Share.

3

Research and Information Fluency

Students apply digital tools to gather, evaluate, and use information. Students:

- a. plan strategies to guide inquiry.
- b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
- c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks. Students browse and use images from Pics4Learning.com, a copyright-friendly source for pictures.
- d. process data and report results.



4

Critical Thinking, Problem-Solving & 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 authentic problems and significant questions for investigation.

b. plan and manage activities to develop a solution or complete a project.

Students create original artwork using photos and illustrations as part of a digital project.

c. collect and analyze data to identify solutions and/or make informed decisions.

d. use multiple processes and diverse perspectives to explore alternative solutions.

5

Digital Citizenship

Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:

a. advocate and practice safe, legal, and responsible use of information and technology.

Students create posters about internet safety, cyberbullying, or copyright.

b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.

Students work collaboratively to create a digital presentation about the impact on technology in our lives.

c. demonstrate personal responsibility for lifelong learning.

d. exhibit leadership for digital citizenship.

Students create a poster using copyright-friendly images.

6

Technology Operations and Concepts

Students demonstrate a sound understanding of technology concepts, systems and operations. Students:

a. understand and use technology systems.

Students use a mouse to open, edit and create digital collages, postcards, and original artwork.

b. select and use applications effectively and productively.

Students apply the various features of WebBlender to communicate ideas and solutions.

c. troubleshoot systems and applications.

d. transfer current knowledge to learning of new technologies.

Students apply their knowledge of the layering, effects, and painting tools to other imagint programs.