21st Century Learning Educational Technology Standard
Catalina Foothills School District
Grade 6

A 21st Century Learning Community

1. CREATIVITY AND INNOVATION	
• KNOWLEDGE AND IDEAS	
• MODELS AND SIMULATIONS	
• TRENDS AND POSSIBILITIES	
• ORIGINAL WORKS	
ET6.1.1	Analyzes information to generate new ideas and products.
ET6.1.2	Recognizes and explains relevant interdependent elements of a digital model or simulation.
ET6.1.3	Explores and experiments with system variables using models or simulations.
ET6.1.4	Compares and contrasts two systems using a digital model or simulation.
ET6.1.5	Identifies patterns and trends to draw conclusions and forecast possibilities.
ET6.1.6	Analyzes information using digital creativity tools to create original works and express ideas
ET6.1.7	Uses digital collaborative tools to analyze information to produce original works and express ideas.
2. COMMUNICATION AND COLLABORATION	
• EFFECTIVE COMMUNICATION AND DIGITAL INTERACTIONS	
• DIGITAL SOLUTIONS	
• GLOBAL CONNECTIONS	
ET6.2.1	Communicates digitally with others by selecting and using a variety of appropriate communication tools.
ET6.2.2	Explains and demonstrates the safety and etiquette of digital environments to communicate and collaborate with intended audiences.
ET6.2.3	Communicates and collaborates for the purpose of producing original works or solving problems.
ET6.2.4	Participates in communication at a distance with others of different cultures or geographic areas to gain different perspectives of topics.
3. RESEARCH AND INFORMATION LITERACY	
• PLANNING	
• PROCESSING	
ET6.3.1	Predicts and uses key words and phrases that narrow or broaden information searches.
ET6.3.2	Predicts which information sources will provide the desired data.
ET6.3.3	Locates and synthesizes information to revise search strategies.
ET6.3.4	Uses authoritative primary and/or secondary sources.
ET6.3.5	Evaluates information and media through determining facts, opinion, bias, and inaccuracies by consulting multiple sources.
ET6.3.6	Uses appropriate digital tools to synthesize research information to develop new ideas and/or create new understanding.
ET6.3.7	Follows copyright laws when using text, images, videos and/or other sources and obtain permission to use the work of others and cite resources appropriately.
4. CRITICAL THINKING, PROBLEM SOLVING AND DECISION MAKING	
• INVESTIGATION	
• EXPLORING SOLUTIONS	
ET6.4.1	Writes essential questions to investigate a topic or issue using digital tools and resources.
ET6.4.2	Plans and manages research using credible digital resources to develop solutions to answer a question.
ET6.4.3	Generates solutions from different perspectives using collected resources and data.

5. DIGITAL CITIZENSHIP	
ET6.5.1	Assesses situations in which it is appropriate and safe to use a personal digital device in the home, school, and community.
ET6.5.2	Describes cyber-bullying and describe strategies to deal with such a situation.
ET6.5.3	Identifies and articulates rules for the use of digital tools as defined by school board policy and procedures.
ET6.5.4	Identifies and articulates strategies to protect personal information.
ET6.5.5	Evaluates various websites to choose the best option for making an Internet purchase for a particular product.
ET6.5.6	Exhibits legal and ethical behavior when using technology and discuss consequences of misuse.
ET6.5.7	Promotes digital citizenship by consistently leading by example and advocating social and civic responsibility to others.
ET6.5.8	Researches a current technology and describe its potential use to solve an economic, environmental, health, political, scientific, or social problem.
6. TECHNOLOGY OPERATIONS AND CONCEPTS • UNDERSTANDING • APPLICATIONS • PROBLEM SOLVING • TRANSFER OF KNOWLEDGE	
ET6.6.1	Defines and correctly uses terms related to networks.
ET6.6.2	Defines and applies knowledge of various technical process terms.
ET6.6.3	Chooses technology applications appropriate for the audience and task.
ET6.6.4	Recognizes and demonstrates ergonomically safe and sound use of equipment.
ET6.6.5	Identifies physical risks of using digital technology.
ET6.6.6	Demonstrates speed and accuracy in use of keyboard and data entry tools with at least 20 wpm and 80% accuracy.
ET6.6.7	Composes a document that applies intermediate formatting.
ET6.6.8	Produces simple charts and graphs from data in a spreadsheet.
ET6.6.9	Performs simple operations in a database.
ET6.6.10	Creates multimedia presentations with multiple pages, audio, images, and transitions for individual assignments.
ET6.6.11	Creates a simple web page incorporating text, links, and graphics.
ET6.6.12	Uses network storage drives to access and share information from a directory.
ET6.6.13	Uses the help function within software and hardware to troubleshoot issues and problems.
ET6.6.14	Transfers understanding of current input/output devices, symbols and icons, and applications to learning new technologies.