

Identifier	Nevada - Kindergarten - Computer and Technology	Introduced	Completed
K CT 2	PRODUCTIVITY TOOLS		
K CT 2.3.1	Locate and use letters, numbers, and special keys on a keyboard using the left or right hand.		
K CT 2.3.2	Create a document that demonstrates simple typing and editing skills.		
K CT 2.3.3	Search a database to locate specific information (e.g., electronic sources, telephone book, encyclopedia, and library card catalog).		
K CT 2.3.4	Utilizing a predesigned spreadsheet, demonstrate the ability to enter simple labels, values, and formulas.		
K CT 2.3.5	Explain the purpose of a multimedia presentation using multimedia software.		
K CT 2.3.6	Create and save files on various storage media.		
K CT 2.3.7.1	Identify electronic communication devices.		
K CT 2.3.7.2	Identify devices that require connectivity.		
K CT 3	RESEARCH TOOLS		
K CT 3.3.1	Select a research topic or define a problem using technology tools.		
K CT 3.3.3	Select information for a research topic or problem from a remote resource.		
K CT 3.3.4	Identify and examine organizational formats using a technology tool to arrange information.		
K CT 4	TOOLS AND PROCESSES		
K CT 4.3.1	Identify the appropriateness and uses of resources and tools in technology based activities.		
K CT 4.3.2	Select and use applicable tools for tasks.		
K CT 4.3.3	Recognize the importance of safety in computer and technology applications.		
K CT 4.3.4	With teacher guidance, resolve difficulties using tools or devices including input devices, output devices, and devices requiring connectivity to successfully perform basic computer operations.		
K CT 5	SYSTEMS		
K CT 5.3.1	Define a system.		
K CT 5.3.2	Identify the parts of a system and explain how the parts working together allow the system to do things the individual parts are unable to do alone (e.g., components of a computer system).		
K CT 5.3.3	Identify and categorize systems that provide food, clothing, shelter, entertainment, communications, healthcare, security, and other necessities and comforts of life.		
K CT 6	IMPLICATIONS ON SOCIETY		
K CT 6.3.1	Describe how technology is used in daily activities to meet personal needs. Describe computer piracy and the personal consequences of inappropriate use.		
K CT 6.3.2	Practice etiquette using technology. Describe changes in the local community because of technology.		
K CT 6.3.4	Describe common uses of technology in daily life and how environments are changed.		

Identifier	Nevada - Grade 1 - Computer and Technology	Introduced	Completed
1CT 2	PRODUCTIVITY TOOLS		
1 CT 2.3.1	Locate and use letters, numbers, and special keys on a keyboard using the left or right hand.		
1 CT 2.3.2	Create a document that demonstrates simple typing and editing skills.		
1 CT 2.3.3	Search a database to locate specific information (e.g., electronic sources, telephone book, encyclopedia, and library card catalog).		
1 CT 2.3.4	Utilizing a predesigned spreadsheet, demonstrate the ability to enter simple labels, values, and formulas.		
1 CT 2.3.5	Explain the purpose of a multimedia presentation using multimedia software.		
1 CT 2.3.6	Create and save files on various storage media.		
1 CT 2.3.7.1	Identify electronic communication devices.		
1 CT 2.3.7.2	Identify devices that require connectivity.		
1 CT 3	RESEARCH TOOLS		
1 CT 3.3.1	Select a research topic or define a problem using technology tools.		
1 CT 3.3.3	Select information for a research topic or problem from a remote resource.		
1 CT 3.3.4	Identify and examine organizational formats using a technology tool to arrange information.		
1 CT 4	TOOLS AND PROCESSES		
1 CT 4.3.1	Identify the appropriateness and uses of resources and tools in technology based activities.		
1 CT 4.3.2	Select and use applicable tools for tasks.		
1 CT 4.3.3	Recognize the importance of safety in computer and technology applications.		
1 CT 4.3.4	With teacher guidance, resolve difficulties using tools or devices including input devices, output devices, and devices requiring connectivity to successfully perform basic computer operations.		
1 CT 5	SYSTEMS		
1 CT 5.3.1	Define a system.		
1 CT 5.3.2	Identify the parts of a system and explain how the parts working together allow the system to do things the individual parts are unable to do alone (e.g., components of a computer system).		
1 CT 5.3.3	Identify and categorize systems that provide food, clothing, shelter, entertainment, communications, healthcare, security, and other necessities and comforts of life.		
1 CT 6	IMPLICATIONS ON SOCIETY		
1 CT 6.3.1	Describe how technology is used in daily activities to meet personal needs. Describe computer piracy and the personal consequences of inappropriate use.		
1 CT 6.3.2	Practice etiquette using technology. Describe changes in the local community because of technology.		
1 CT 6.3.4	Describe common uses of technology in daily life and how environments are changed.		

Identifier	Nevada - Grade 2 - Computer and Technology	Introduced	Completed
2 CT 2	PRODUCTIVITY TOOLS		
2 CT 2.3.1	Locate and use letters, numbers, and special keys on a keyboard using the left or right hand.		
2 CT 2.3.2	Create a document that demonstrates simple typing and editing skills.		
2 CT 2.3.3	Search a database to locate specific information (e.g., electronic sources, telephone book, encyclopedia, and library card catalog).		
2 CT 2.3.4	Utilizing a predesigned spreadsheet, demonstrate the ability to enter simple labels, values, and formulas.		
2 CT 2.3.5	Explain the purpose of a multimedia presentation using multimedia software.		
2 CT 2.3.6	Create and save files on various storage media.		
2 CT 2.3.7.1	Identify electronic communication devices.		
2 CT 2.3.7.2	Identify devices that require connectivity.		
2 CT 3	RESEARCH TOOLS		
2 CT 3.3.1	Select a research topic or define a problem using technology tools.		
2 CT 3.3.3	Select information for a research topic or problem from a remote resource.		
2 CT 3.3.4	Identify and examine organizational formats using a technology tool to arrange information.		
2 CT 4	TOOLS AND PROCESSES		
2 CT 4.3.1	Identify the appropriateness and uses of resources and tools in technology based activities.		
2 CT 4.3.2	Select and use applicable tools for tasks.		
2 CT 4.3.3	Recognize the importance of safety in computer and technology applications.		
2 CT 4.3.4	With teacher guidance, resolve difficulties using tools or devices including input devices, output devices, and devices requiring connectivity to successfully perform basic computer operations.		
2 CT 5	SYSTEMS		
2 CT 5.3.1	Define a system.		
2 CT 5.3.2	Identify the parts of a system and explain how the parts working together allow the system to do things the individual parts are unable to do alone (e.g., components of a computer system).		
2 CT 5.3.3	Identify and categorize systems that provide food, clothing, shelter, entertainment, communications, healthcare, security, and other necessities and comforts of life.		
2 CT 6	IMPLICATIONS ON SOCIETY		
2 CT 6.3.1	Describe how technology is used in daily activities to meet personal needs. Describe computer piracy and the personal consequences of inappropriate use.		
2 CT 6.3.2	Practice etiquette using technology. Describe changes in the local community because of technology.		
2 CT 6.3.4	Describe common uses of technology in daily life and how environments are changed.		

Identifier	Nevada - Grade 3 - Computer and Technology	Introduced	Completed
3 CT 2	PRODUCTIVITY TOOLS		
3 CT 2.3.1	Locate and use letters, numbers, and special keys on a keyboard using the left or right hand.		
3 CT 2.3.2	Create a document that demonstrates simple typing and editing skills.		
3 CT 2.3.3	Search a database to locate specific information (e.g., electronic sources, telephone book, encyclopedia, and library card catalog).		
3 CT 2.3.4	Utilizing a predesigned spreadsheet, demonstrate the ability to enter simple labels, values, and formulas.		
3 CT 2.3.5	Explain the purpose of a multimedia presentation using multimedia software.		
3 CT 2.3.6	Create and save files on various storage media.		
3 CT 2.3.7.1	Identify electronic communication devices.		
3 CT 2.3.7.2	Identify devices that require connectivity.		
3 CT 3	RESEARCH TOOLS		
3 CT 3.3.1	Select a research topic or define a problem using technology tools.		
3 CT 3.3.3	Select information for a research topic or problem from a remote resource.		
3 CT 3.3.4	Identify and examine organizational formats using a technology tool to arrange information.		
3 CT 4	TOOLS AND PROCESSES		
3 CT 4.3.1	Identify the appropriateness and uses of resources and tools in technology based activities.		
3 CT 4.3.2	Select and use applicable tools for tasks.		
3 CT 4.3.3	Recognize the importance of safety in computer and technology applications.		
3 CT 4.3.4	With teacher guidance, resolve difficulties using tools or devices including input devices, output devices, and devices requiring connectivity to successfully perform basic computer operations.		
3 CT 5	SYSTEMS		
3 CT 5.3.1	Define a system.		
3 CT 5.3.2	Identify the parts of a system and explain how the parts working together allow the system to do things the individual parts are unable to do alone (e.g., components of a computer system).		
3 CT 5.3.3	Identify and categorize systems that provide food, clothing, shelter, entertainment, communications, healthcare, security, and other necessities and comforts of life.		
3 CT 6	IMPLICATIONS ON SOCIETY		
3 CT 6.3.1	Describe how technology is used in daily activities to meet personal needs. Describe computer piracy and the personal consequences of inappropriate use.		
3 CT 6.3.2	Practice etiquette using technology. Describe changes in the local community because of technology.		
3 CT 6.3.4	Describe common uses of technology in daily life and how environments are changed.		

Identifier	Nevada - Grade 4 - Computer and Technology	Introduced	Completed
4 CT 2	PRODUCTIVITY TOOLS		
4 CT 2.5.1	Apply correct finger placement for basic keyboarding skills.		
4 CT 2.5.2	Create a document including a graphic using basic formatting techniques that demonstrate the ability to type, edit, and print.		
4 CT 2.5.3	Create a database with predefined fields, enter data for multiple records, and print reports based on sort query using ascending and descending order.		
4 CT 2.5.4	Construct a guided spreadsheet containing appropriate labels, values, formulas, and simple functions.		
4 CT 2.5.5	Create a multimedia document or presentation using text, graphics, and/or sound.		
4 CT 2.5.6	Explain the differences between data files and program files, and describe and use the file management software of a computer.		
4 CT 2.5.7.1	Describe the process of accessing a LAN and demonstrate the process as available.		
4 CT 2.5.7.2	Define and explain the uses of an electronic communication device, telecommuting, and teleconferencing.		
4 CT 3	RESEARCH TOOLS		
4 CT 3.5.1	Select a research topic or define a problem and predict outcomes using technology tools.		
4 CT 3.5.2	Generate keywords for a research topic or problem.		
4 CT 3.5.3	Select information from a variety of remote resources for a research topic or problem exploring hyperlinks.		
4 CT 3.5.4	Use an organizational format to arrange information for presentation or decision making.		
4 CT 3.5.5	Demonstrate an understanding of intellectual property and identify source and content of information collected.		
4 CT 3.5.6	Generate a list of sources.		
4 CT 3.5.7	Summarize and share the research process and its outcome.		
4 CT 4	TOOLS AND PROCESSES		
4 CT 4.5.1	Recognize that technological resources include people, information, materials, machines, energy, capital, and time.		
4 CT 4.5.2	Employ tools and materials to design or develop products or projects.		
4 CT 4.5.3	Demonstrate the importance of safety and ease of use in selecting appropriate tools.		
4 CT 4.5.4	Solve difficulties with tools or devices to accomplish the desired result including computer operations and recognize basic operational problems, such as printer jams, and possible solutions.		
4 CT 5	SYSTEMS		
4 CT 5.5.1	Explain open, closed, simple, complex, micro, and macro systems.		
4 CT 5.5.2	Explain how systems depend on a variety of resources to produce a desirable outcome (e.g., computer information processing cycle).		
4 CT 5.5.3	Classify systems according to type and level (e.g., open loop system or closed loop system, simple or complex, and micro or macro).		
4 CT 6	IMPLICATIONS ON SOCIETY		
4 CT 6.5.1	Examine products and communicate how that product solved a human need or want.		
4 CT 6.5.2	Explain how physical environments are changed by technological developments.		
4 CT 6.5.3	Describe the relationship between careers and technological developments.		
4 CT 6.5.4	Explain society's use of technology and describe both the positive and negative impacts on the workplace, society, and the environment.		

Identifier	Nevada - Grade 5 - Computer and Technology	Introduced	Completed
5 CT 2	PRODUCTIVITY TOOLS		
5 CT 2.5.1	Apply correct finger placement for basic keyboarding skills.		
5 CT 2.5.2	Create a document including a graphic using basic formatting techniques that demonstrate the ability to type, edit, and print.		
5 CT 2.5.3	Create a database with predefined fields, enter data for multiple records, and print reports based on sort query using ascending and descending order.		
5 CT 2.5.4	Construct a guided spreadsheet containing appropriate labels, values, formulas, and simple functions.		
5 CT 2.5.5	Create a multimedia document or presentation using text, graphics, and/or sound.		
5 CT 2.5.6	Explain the differences between data files and program files, and describe and use the file management software of a computer.		
5 CT 2.5.7.1	Describe the process of accessing a LAN and demonstrate the process as available.		
5 CT 2.5.7.2	Define and explain the uses of an electronic communication device, telecommuting, and teleconferencing.		
5 CT 3	RESEARCH TOOLS		
5 CT 3.5.1	Select a research topic or define a problem and predict outcomes using technology tools.		
5 CT 3.5.2	Generate keywords for a research topic or problem.		
5 CT 3.5.3	Select information from a variety of remote resources for a research topic or problem exploring hyperlinks.		
5 CT 3.5.4	Use an organizational format to arrange information for presentation or decision making.		
5 CT 3.5.5	Demonstrate an understanding of intellectual property and identify source and content of information collected.		
5 CT 3.5.6	Generate a list of sources.		
5 CT 3.5.7	Summarize and share the research process and its outcome.		
5 CT 4	TOOLS AND PROCESSES		
5 CT 4.5.1	Recognize that technological resources include people, information, materials, machines, energy, capital, and time.		
5 CT 4.5.2	Employ tools and materials to design or develop products or projects.		
5 CT 4.5.3	Demonstrate the importance of safety and ease of use in selecting appropriate tools.		
5 CT 4.5.4	Solve difficulties with tools or devices to accomplish the desired result including computer operations and recognize basic operational problems, such as printer jams, and possible solutions.		
5 CT 5	SYSTEMS		
5 CT 5.5.1	Explain open, closed, simple, complex, micro, and macro systems.		
5 CT 5.5.2	Explain how systems depend on a variety of resources to produce a desirable outcome (e.g., computer information processing cycle).		
5 CT 5.5.3	Classify systems according to type and level (e.g., open loop system or closed loop system, simple or complex, and micro or macro).		
5 CT 6	IMPLICATIONS ON SOCIETY		
5 CT 6.5.1	Examine products and communicate how that product solved a human need or want.		
5 CT 6.5.2	Explain how physical environments are changed by technological developments.		
5 CT 6.5.3	Describe the relationship between careers and technological developments.		
5 CT 6.5.4	Explain society's use of technology and describe both the positive and negative impacts on the workplace, society, and the environment.		

Identifier	Nevada - Grade 6 - Computer and Technology	Introduced	Completed
6 CT 1	PROBLEM SOLVING		
6 CT 1.8.1	Differentiate design/problem-solving methods and components of technology using accurate terminology.		
6 CT 1.8.2	Select and evaluate appropriate designs requiring optimization and making trade-offs.		
6 CT 1.8.3	Select and apply a design/problem-solving method to reach a desired outcome.		
6 CT 2	PRODUCTIVITY TOOLS		
6 CT 2.8.1	Demonstrate proficiency and accuracy in keyboarding skills.		
6 CT 2.8.2	Create a document using advanced formatting techniques that demonstrate the ability to import a graphic, type, edit, and print.		
6 CT 2.8.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query.		
6 CT 2.8.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Print a spreadsheet showing formulas.		
6 CT 2.8.5	Create a multipage multimedia presentation using text, graphics, and sound to effectively communicate a concept.		
6 CT 2.8.6	Organize files on a computer disk, drive, server, or other storage device.		
6 CT 2.8.7.1	Explain the advantages of connectivity with various systems to share information and resources.		
6 CT 2.8.7.2	Employ the use of electronic communication.		
6 CT 3	RESEARCH TOOLS		
6 CT 3.8.1	Select a research topic or a statement of a problem identifying its elements, its scope, and the expected outcomes using technology tools.		
6 CT 3.8.2	Generate a list of keywords for a research topic or problem and conduct a search of electronic-based sources.		
6 CT 3.8.3	Select and evaluate information from a variety of remote resources for a research topic or problem exploring hyperlinks.		
6 CT 3.8.4	Use an organizational format to arrange information for presentation or decision making.		
6 CT 3.8.5	Check collected information for reliability, authenticity, and timeliness, citing sources of copyrighted materials in papers, projects, and multimedia presentations.		
6 CT 3.8.6	Generate a bibliography.		
6 CT 4	TOOLS AND PROCESSES		
6 CT 4.8.1	Explain how technology skills and tools enhance productivity in creating projects, building prototypes and modeling (e.g., measuring, shaping, forming, and fastening materials).		
6 CT 4.8.2	Use tools, instrumentation, equipment, materials, and processes to make designs, simulations, and prototypes.		
6 CT 4.8.3	Compare and contrast the safe use of technology tools, hand and power tools, processes, and materials in diverse computer and technology applications.		
6 CT 4.8.4	Demonstrate an understanding of the operation and maintenance of technology tools such as hand tools, power tools, lasers, hydraulics, pneumatics, electronics, hardware, software, CNC machines, computers, robotics, and fiber optics.		
6 CT 5	SYSTEMS		
6 CT 5.8.1	Interpret resources that are essential and those that must be used effectively to produce a desired outcome; an output from one system may be input to another system.		
6 CT 5.8.2	Differentiate among various systems, explain capabilities and limitations, and identify the ways in which they are controlled to produce a desired outcome (e.g., limitations of the components of a computer system).		
6 CT 5.8.3	Use a system to achieve a desired outcome in the areas of construction, communication, manufacturing, energy, power, transportation, and biotechnology.		
6 CT 6	IMPLICATIONS ON SOCIETY		
6 CT 6.8.1	Practice legal and ethical behaviors when using information and technology. Discuss the consequences of misuse on society and the environment.		
6 CT 6.8.2	Evaluate the effect technology has on society and the environment.		
6 CT 6.8.3	Examine the role of technology in the workplace and explore careers that use technology.		
6 CT 6.8.4	Explain how people can control the technologies they develop and use, and why people are responsible for the effects these have on society, the environment, and careers.		

Identifier	Nevada - Grade 7 - Computer and Technology	Introduced	Completed
7 CT 1	PROBLEM SOLVING		
7 CT 1.8.1	Differentiate design/problem-solving methods and components of technology using accurate terminology.		
7 CT 1.8.2	Select and evaluate appropriate designs requiring optimization and making trade-offs.		
7 CT 1.8.3	Select and apply a design/problem-solving method to reach a desired outcome.		
7 CT 2	PRODUCTIVITY TOOLS		
7 CT 2.8.1	Demonstrate proficiency and accuracy in keyboarding skills.		
7 CT 2.8.2	Create a document using advanced formatting techniques that demonstrate the ability to import a graphic, type, edit, and print.		
7 CT 2.8.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query.		
7 CT 2.8.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Print a spreadsheet showing formulas.		
7 CT 2.8.5	Create a multipage multimedia presentation using text, graphics, and sound to effectively communicate a concept.		
7 CT 2.8.6	Organize files on a computer disk, drive, server, or other storage device.		
7 CT 2.8.7.1	Explain the advantages of connectivity with various systems to share information and resources.		
7 CT 2.8.7.2	Employ the use of electronic communication.		
7 CT 3	RESEARCH TOOLS		
7 CT 3.8.1	Select a research topic or a statement of a problem identifying its elements, its scope, and the expected outcomes using technology tools.		
7 CT 3.8.2	Generate a list of keywords for a research topic or problem and conduct a search of electronic-based sources.		
7 CT 3.8.3	Select and evaluate information from a variety of remote resources for a research topic or problem exploring hyperlinks.		
7 CT 3.8.4	Use an organizational format to arrange information for presentation or decision making.		
7 CT 3.8.5	Check collected information for reliability, authenticity, and timeliness, citing sources of copyrighted materials in papers, projects, and multimedia presentations.		
7 CT 3.8.6	Generate a bibliography.		
7 CT 4	TOOLS AND PROCESSES		
7 CT 4.8.1	Explain how technology skills and tools enhance productivity in creating projects, building prototypes and modeling (e.g., measuring, shaping, forming, and fastening materials).		
7 CT 4.8.2	Use tools, instrumentation, equipment, materials, and processes to make designs, simulations, and prototypes.		
7 CT 4.8.3	Compare and contrast the safe use of technology tools, hand and power tools, processes, and materials in diverse computer and technology applications.		
7 CT 4.8.4	Demonstrate an understanding of the operation and maintenance of technology tools such as hand tools, power tools, lasers, hydraulics, pneumatics, electronics, hardware, software, CNC machines, computers, robotics, and fiber optics.		
7 CT 5	SYSTEMS		
7 CT 5.8.1	Interpret resources that are essential and those that must be used effectively to produce a desired outcome; an output from one system may be input to another system.		
7 CT 5.8.2	Differentiate among various systems, explain capabilities and limitations, and identify the ways in which they are controlled to produce a desired outcome (e.g., limitations of the components of a computer system).		
7 CT 5.8.3	Use a system to achieve a desired outcome in the areas of construction, communication, manufacturing, energy, power, transportation, and biotechnology.		
7 CT 6	IMPLICATIONS ON SOCIETY		
7 CT 6.8.1	Practice legal and ethical behaviors when using information and technology. Discuss the consequences of misuse on society and the environment.		
7 CT 6.8.2	Evaluate the effect technology has on society and the environment.		
7 CT 6.8.3	Examine the role of technology in the workplace and explore careers that use technology.		
7 CT 6.8.4	Explain how people can control the technologies they develop and use, and why people are responsible for the effects these have on society, the environment, and careers.		

Identifier	Nevada - Grade 8 - Computer and Technology	Introduced	Completed
8 CT 1	PROBLEM SOLVING		
8 CT 1.8.1	Differentiate design/problem-solving methods and components of technology using accurate terminology.		
8 CT 1.8.2	Select and evaluate appropriate designs requiring optimization and making trade-offs.		
8 CT 1.8.3	Select and apply a design/problem-solving method to reach a desired outcome.		
8 CT 2	PRODUCTIVITY TOOLS		
8 CT 2.8.1	Demonstrate proficiency and accuracy in keyboarding skills.		
8 CT 2.8.2	Create a document using advanced formatting techniques that demonstrate the ability to import a graphic, type, edit, and print.		
8 CT 2.8.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query.		
8 CT 2.8.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Print a spreadsheet showing formulas.		
8 CT 2.8.5	Create a multipage multimedia presentation using text, graphics, and sound to effectively communicate a concept.		
8 CT 2.8.6	Organize files on a computer disk, drive, server, or other storage device.		
8 CT 2.8.7.1	Explain the advantages of connectivity with various systems to share information and resources.		
8 CT 2.8.7.2	Employ the use of electronic communication.		
8 CT 3	RESEARCH TOOLS		
8 CT 3.8.1	Select a research topic or a statement of a problem identifying its elements, its scope, and the expected outcomes using technology tools.		
8 CT 3.8.2	Generate a list of keywords for a research topic or problem and conduct a search of electronic-based sources.		
8 CT 3.8.3	Select and evaluate information from a variety of remote resources for a research topic or problem exploring hyperlinks.		
8 CT 3.8.4	Use an organizational format to arrange information for presentation or decision making.		
8 CT 3.8.5	Check collected information for reliability, authenticity, and timeliness, citing sources of copyrighted materials in papers, projects, and multimedia presentations.		
8 CT 3.8.6	Generate a bibliography.		
8 CT 4	TOOLS AND PROCESSES		
8 CT 4.8.1	Explain how technology skills and tools enhance productivity in creating projects, building prototypes and modeling (e.g., measuring, shaping, forming, and fastening materials).		
8 CT 4.8.2	Use tools, instrumentation, equipment, materials, and processes to make designs, simulations, and prototypes.		
8 CT 4.8.3	Compare and contrast the safe use of technology tools, hand and power tools, processes, and materials in diverse computer and technology applications.		
8 CT 4.8.4	Demonstrate an understanding of the operation and maintenance of technology tools such as hand tools, power tools, lasers, hydraulics, pneumatics, electronics, hardware, software, CNC machines, computers, robotics, and fiber optics.		
8 CT 5	SYSTEMS		
8 CT 5.8.1	Interpret resources that are essential and those that must be used effectively to produce a desired outcome; an output from one system may be input to another system.		
8 CT 5.8.2	Differentiate among various systems, explain capabilities and limitations, and identify the ways in which they are controlled to produce a desired outcome (e.g., limitations of the components of a computer system).		
8 CT 5.8.3	Use a system to achieve a desired outcome in the areas of construction, communication, manufacturing, energy, power, transportation, and biotechnology.		
8 CT 6	IMPLICATIONS ON SOCIETY		
8 CT 6.8.1	Practice legal and ethical behaviors when using information and technology. Discuss the consequences of misuse on society and the environment.		
8 CT 6.8.2	Evaluate the effect technology has on society and the environment.		
8 CT 6.8.3	Examine the role of technology in the workplace and explore careers that use technology.		
8 CT 6.8.4	Explain how people can control the technologies they develop and use, and why people are responsible for the effects these have on society, the environment, and careers.		

Identifier	Nevada - Grade 9 - Computer and Technology	Introduced	Completed
9 CT 1	PROBLEM SOLVING		
9 CT 1.12.1	Analyze a variety of problem-solving approaches, which can be used and combined in seeking solutions.		
9 CT 1.12.2	Develop and implement a design/problem-solving method based on a need or want.		
9 CT 2	PRODUCTIVITY TOOLS		
9 CT 2.12.1	Demonstrate advanced proficiency and accuracy in keyboarding skills.		
9 CT 2.12.2	Create a multipage document in conjunction with other tools that demonstrate the ability to type, format, edit, and print.		
9 CT 2.12.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query. Interpret report based on data.		
9 CT 2.12.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Analyze the significance of the data. Print a spreadsheet showing formulas.		
9 CT 2.12.5	Create and present a multipage, multimedia presentation incorporating three or more of the following: text, graphics, sound, animation, digital video, or linking. Analyze and critique a multimedia presentation.		
9 CT 2.12.7	Locate and evaluate sources of distance learning, telecommuting, and teleconferencing and analyze the uses of these electronic communications.		
9 CT 3	RESEARCH TOOLS		
9 CT 3.12.1	Independently identify a research topic or state a problem that clearly identifies its elements, its scope, and the expected outcomes using technology tools.		
9 CT 3.12.2	Generate a list of keywords for a research topic or problem with qualifying modifiers and conduct a search of electronic-based sources.		
9 CT 3.12.3	Utilizing different search strategies, conduct research using hyperlinks to select information for a specific topic or problem.		
9 CT 3.12.4	Organize information logically for presentation or decision making.		
9 CT 3.12.5	Compare and contrast collected information to validate its reliability, authenticity, and timeliness.		
9 CT 3.12.6	Demonstrate the ability to document all sources using an accepted standard citation format.		
9 CT 3.12.7	Given a rubric, evaluate the research process and its outcome.		
9 CT 4	TOOLS AND PROCESSES		
9 CT 4.12.1	Analyze how the development of new tools, materials, and processes is necessary to maintain and improve high productivity and quality.		
9 CT 4.12.2	Use tools to design and/or create solutions that are functional, aesthetically pleasing, demonstrate quality, and have value greater than the investment of time, energy, effort, and other resources.		
9 CT 4.12.3	Evaluate the available tools and select the appropriate tool and process that would safely accomplish the task.		
9 CT 4.12.4	Evaluate and then correct nonfunctioning technology system/subsystem areas needed to accomplish required tasks.		
9 CT 5	SYSTEMS		
9 CT 5.12.1	Interpret the ways technological systems have evolved and will continue to evolve to satisfy human needs and desires.		
9 CT 5.12.2	Demonstrate how systems are planned, organized, designed, built, and controlled.		
9 CT 5.12.3	Evaluate systems model(s) including the stages of input, processes, output, feedback, and consequences.		
9 CT 6	IMPLICATIONS ON SOCIETY		
9 CT 6.12.1	Analyze the impact of new and improved products and services on the quality of life.		
9 CT 6.12.2	Analyze how the effects of a given technology may be unacceptable under a certain set of circumstances, but acceptable under another set of circumstances.		
9 CT 6.12.3	Research and select a career choice, develop a career plan, and select the courses/program for entry-level skills (e.g., career information system).		
9 CT 6.12.4	Analyze significant events, inventions, and discoveries in the history of technology and their effects on beliefs, attitudes, and behavior in business, society, or culture.		

Identifier	Nevada - Grade 10 - Computer and Technology	Introduced	Completed
10 CT 1	PROBLEM SOLVING		
10 CT 1.12.1	Analyze a variety of problem-solving approaches, which can be used and combined in seeking solutions.		
10 CT 1.12.2	Develop and implement a design/problem-solving method based on a need or want.		
10 CT 2	PRODUCTIVITY TOOLS		
10 CT 2.12.1	Demonstrate advanced proficiency and accuracy in keyboarding skills.		
10 CT 2.12.2	Create a multipage document in conjunction with other tools that demonstrate the ability to type, format, edit, and print.		
10 CT 2.12.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query. Interpret report based on data.		
10 CT 2.12.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Analyze the significance of the data. Print a spreadsheet showing formulas.		
10 CT 2.12.5	Create and present a multipage, multimedia presentation incorporating three or more of the following: text, graphics, sound, animation, digital video, or linking. Analyze and critique a multimedia presentation.		
10 CT 2.12.7	Locate and evaluate sources of distance learning, telecommuting, and teleconferencing and analyze the uses of these electronic communications.		
10 CT 3	RESEARCH TOOLS		
10 CT 3.12.1	Independently identify a research topic or state a problem that clearly identifies its elements, its scope, and the expected outcomes using technology tools.		
10 CT 3.12.2	Generate a list of keywords for a research topic or problem with qualifying modifiers and conduct a search of electronic-based sources.		
10 CT 3.12.3	Utilizing different search strategies, conduct research using hyperlinks to select information for a specific topic or problem.		
10 CT 3.12.4	Organize information logically for presentation or decision making.		
10 CT 3.12.5	Compare and contrast collected information to validate its reliability, authenticity, and timeliness.		
10 CT 3.12.6	Demonstrate the ability to document all sources using an accepted standard citation format.		
10 CT 3.12.7	Given a rubric, evaluate the research process and its outcome.		
10 CT 4	TOOLS AND PROCESSES		
10 CT 4.12.1	Analyze how the development of new tools, materials, and processes is necessary to maintain and improve high productivity and quality.		
10 CT 4.12.2	Use tools to design and/or create solutions that are functional, aesthetically pleasing, demonstrate quality, and have value greater than the investment of time, energy, effort, and other resources.		
10 CT 4.12.3	Evaluate the available tools and select the appropriate tool and process that would safely accomplish the task.		
10 CT 4.12.4	Evaluate and then correct nonfunctioning technology system/subsystem areas needed to accomplish required tasks.		
10 CT 5	SYSTEMS		
10 CT 5.12.1	Interpret the ways technological systems have evolved and will continue to evolve to satisfy human needs and desires.		
10 CT 5.12.2	Demonstrate how systems are planned, organized, designed, built, and controlled.		
10 CT 5.12.3	Evaluate systems model(s) including the stages of input, processes, output, feedback, and consequences.		
10 CT 6	IMPLICATIONS ON SOCIETY		
10 CT 6.12.1	Analyze the impact of new and improved products and services on the quality of life.		
10 CT 6.12.2	Analyze how the effects of a given technology may be unacceptable under a certain set of circumstances, but acceptable under another set of circumstances.		
10 CT 6.12.3	Research and select a career choice, develop a career plan, and select the courses/program for entry-level skills (e.g., career information system).		
10 CT 6.12.4	Analyze significant events, inventions, and discoveries in the history of technology and their effects on beliefs, attitudes, and behavior in business, society, or culture.		

Identifier	Nevada - Grade 11 - Computer and Technology	Introduced	Completed
11 CT 1	PROBLEM SOLVING		
11 CT 1.12.1	Analyze a variety of problem-solving approaches, which can be used and combined in seeking solutions.		
11 CT 1.12.2	Develop and implement a design/problem-solving method based on a need or want.		
11 CT 2	PRODUCTIVITY TOOLS		
11 CT 2.12.1	Demonstrate advanced proficiency and accuracy in keyboarding skills.		
11 CT 2.12.2	Create a multipage document in conjunction with other tools that demonstrate the ability to type, format, edit, and print.		
11 CT 2.12.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query. Interpret report based on data.		
11 CT 2.12.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Analyze the significance of the data. Print a spreadsheet showing formulas.		
11 CT 2.12.5	Create and present a multipage, multimedia presentation incorporating three or more of the following: text, graphics, sound, animation, digital video, or linking. Analyze and critique a multimedia presentation.		
11 CT 2.12.7	Locate and evaluate sources of distance learning, telecommuting, and teleconferencing and analyze the uses of these electronic communications.		
11 CT 3	RESEARCH TOOLS		
11 CT 3.12.1	Independently identify a research topic or state a problem that clearly identifies its elements, its scope, and the expected outcomes using technology tools.		
11 CT 3.12.2	Generate a list of keywords for a research topic or problem with qualifying modifiers and conduct a search of electronic-based sources.		
11 CT 3.12.3	Utilizing different search strategies, conduct research using hyperlinks to select information for a specific topic or problem.		
11 CT 3.12.4	Organize information logically for presentation or decision making.		
11 CT 3.12.5	Compare and contrast collected information to validate its reliability, authenticity, and timeliness.		
11 CT 3.12.6	Demonstrate the ability to document all sources using an accepted standard citation format.		
11 CT 3.12.7	Given a rubric, evaluate the research process and its outcome.		
11 CT 4	TOOLS AND PROCESSES		
11 CT 4.12.1	Analyze how the development of new tools, materials, and processes is necessary to maintain and improve high productivity and quality.		
11 CT 4.12.2	Use tools to design and/or create solutions that are functional, aesthetically pleasing, demonstrate quality, and have value greater than the investment of time, energy, effort, and other resources.		
11 CT 4.12.3	Evaluate the available tools and select the appropriate tool and process that would safely accomplish the task.		
11 CT 4.12.4	Evaluate and then correct nonfunctioning technology system/subsystem areas needed to accomplish required tasks.		
11 CT 5	SYSTEMS		
11 CT 5.12.1	Interpret the ways technological systems have evolved and will continue to evolve to satisfy human needs and desires.		
11 CT 5.12.2	Demonstrate how systems are planned, organized, designed, built, and controlled.		
11 CT 5.12.3	Evaluate systems model(s) including the stages of input, processes, output, feedback, and consequences.		
11 CT 6	IMPLICATIONS ON SOCIETY		
11 CT 6.12.1	Analyze the impact of new and improved products and services on the quality of life.		
11 CT 6.12.2	Analyze how the effects of a given technology may be unacceptable under a certain set of circumstances, but acceptable under another set of circumstances.		
11 CT 6.12.3	Research and select a career choice, develop a career plan, and select the courses/program for entry-level skills (e.g., career information system).		
11 CT 6.12.4	Analyze significant events, inventions, and discoveries in the history of technology and their effects on beliefs, attitudes, and behavior in business, society, or culture.		

Identifier	Nevada - Grade 12 - Computer and Technology	Introduced	Completed
12 CT 1	PROBLEM SOLVING		
12 CT 1.12.1	Analyze a variety of problem-solving approaches, which can be used and combined in seeking solutions.		
12 CT 1.12.2	Develop and implement a design/problem-solving method based on a need or want.		
12 CT 2	PRODUCTIVITY TOOLS		
12 CT 2.12.1	Demonstrate advanced proficiency and accuracy in keyboarding skills.		
12 CT 2.12.2	Create a multipage document in conjunction with other tools that demonstrate the ability to type, format, edit, and print.		
12 CT 2.12.3	Create a database, define fields, enter data for multiple records, and print reports based on sort and query. Interpret report based on data.		
12 CT 2.12.4	Generate a spreadsheet including labels, values, formulas, and functions; create a chart to visually represent data. Analyze the significance of the data. Print a spreadsheet showing formulas.		
12 CT 2.12.5	Create and present a multipage, multimedia presentation incorporating three or more of the following: text, graphics, sound, animation, digital video, or linking. Analyze and critique a multimedia presentation.		
12 CT 2.12.7	Locate and evaluate sources of distance learning, telecommuting, and teleconferencing and analyze the uses of these electronic communications.		
12 CT 3	RESEARCH TOOLS		
12 CT 3.12.1	Independently identify a research topic or state a problem that clearly identifies its elements, its scope, and the expected outcomes using technology tools.		
12 CT 3.12.2	Generate a list of keywords for a research topic or problem with qualifying modifiers and conduct a search of electronic-based sources.		
12 CT 3.12.3	Utilizing different search strategies, conduct research using hyperlinks to select information for a specific topic or problem.		
12 CT 3.12.4	Organize information logically for presentation or decision making.		
12 CT 3.12.5	Compare and contrast collected information to validate its reliability, authenticity, and timeliness.		
12 CT 3.12.6	Demonstrate the ability to document all sources using an accepted standard citation format.		
12 CT 3.12.7	Given a rubric, evaluate the research process and its outcome.		
12 CT 4	TOOLS AND PROCESSES		
12 CT 4.12.1	Analyze how the development of new tools, materials, and processes is necessary to maintain and improve high productivity and quality.		
12 CT 4.12.2	Use tools to design and/or create solutions that are functional, aesthetically pleasing, demonstrate quality, and have value greater than the investment of time, energy, effort, and other resources.		
12 CT 4.12.3	Evaluate the available tools and select the appropriate tool and process that would safely accomplish the task.		
12 CT 4.12.4	Evaluate and then correct nonfunctioning technology system/subsystem areas needed to accomplish required tasks.		
12 CT 5	SYSTEMS		
12 CT 5.12.1	Interpret the ways technological systems have evolved and will continue to evolve to satisfy human needs and desires.		
12 CT 5.12.2	Demonstrate how systems are planned, organized, designed, built, and controlled.		
12 CT 5.12.3	Evaluate systems model(s) including the stages of input, processes, output, feedback, and consequences.		
12 CT 6	IMPLICATIONS ON SOCIETY		
12 CT 6.12.1	Analyze the impact of new and improved products and services on the quality of life.		
12 CT 6.12.2	Analyze how the effects of a given technology may be unacceptable under a certain set of circumstances, but acceptable under another set of circumstances.		
12 CT 6.12.3	Research and select a career choice, develop a career plan, and select the courses/program for entry-level skills (e.g., career information system).		
12 CT 6.12.4	Analyze significant events, inventions, and discoveries in the history of technology and their effects on beliefs, attitudes, and behavior in business, society, or culture.		