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 10 - Health	Introduced	Completed
10 H			
10 H 1.12.1	Assess the impact of personal history, health care choices, and the aging process on individual health.		
10 H 1.12.2	Examine the health implications of the aging process.		
10 H 1.12.3	Demonstrate knowledge of food selection and nutrient needs to personal eating decisions and meal planning.		
10 H 1.12.4	Analyze beneficial and appropriate versus harmful and inappropriate use of drugs.		
10 H 1.12.5	Identify hazardous conditions and develop appropriate intervention strategies.		
10 H 1.12.6	Analyze how research and medical advances influence the prevention and control of disease.		
10 H 1.12.7	Describe ways an individual can effectively enhance personal health and contribute to the solution of community-wide health problems.		
10 H 1.12.8	Analyze how the environment influences the health of the community.		
10 H 2.12.1	Analyze health promotion and disease prevention efforts.		
10 H 2.12.2	Critique sources of health information for accuracy.		
10 H 3.12.1	Create a school-wide plan providing for individual security and safety utilizing school and community resources.		
10 H 3.12.2	Develop knowledge and strategies for avoiding negative social situations including suicide, alcohol, tobacco, and other drugs.		
10 H 3.12.3	Apply injury prevention and management strategies to improve and maintain personal, family, and community health.		
10 H 3.12.4	Compare and contrast stress management techniques.		
10 H 4.12.1	Evaluate cultural similarities and differences and effects on health.		
10 H 4.12.2	Explore how technology is used to enhance health.		
10 H 4.12.3	Assess the impact of promotion and distribution of products and services on consumer health.		
10 H 5.12.1	Utilize skills for communicating effectively.		
10 H 5.12.2	Analyze a school plan for conflict management.		
10 H 6.12.1	Formulate an effective plan for lifelong health enhancement.		
10 H 6.12.2	Demonstrate the ability to utilize various strategies when making decisions related to health needs and risks of young adults.		
10 H 6.12.3	Utilize the decision-making process to address complex community health issues.		
10 H 7.12.1A	Identify the methods for being a responsible voice for self and others when promoting health practices in the community.		
10 H 7.12.1B	Demonstrate the ability to adapt health messages to meet the characteristics and needs of a particular audience.		

Identifier	Nevada - Grade 10 - Music	Introduced	Completed
10 Mus 1	**SINGING**		
10 Mus 1.12.1	Perform with technical accuracy and good breath control throughout their singing ranges.		
10 Mus 1.12.2	Perform using correct intonation, diction, tone quality, and appropriate expressive qualities in small and large ensembles with and without a conductor.		
10 Mus 1.12.3	Perform choral literature written in three/four parts with and without accompaniment.		
10 Mus 1.12.5	Perform music representing diverse genres and styles.		
10 Mus 2	**PLAYING INSTRUMENTS**		
10 Mus 2.12.1	Perform with expression and technical accuracy on at least one string, wind, percussion, or classroom instrument.		
10 Mus 2.12.2	Play in small and large ensembles demonstrating advanced ensemble technique.		
10 Mus 2.12.3	Perform contrapuntal ensemble literature.		
10 Mus 2.12.4	Perform a large and varied repertoire of instrumental literature representing diverse genres and styles.		
10 Mus 3	**IMPROVISATION**		
10 Mus 3.12.1	Improvise complex melodies in a given key.		
10 Mus 3.12.2	Improvise stylistically appropriate harmonies (e.g., 12-bar blues).		
10 Mus 3.12.3	Improvise melodic and rhythmic variations on given pentatonic melodies and melodies in major keys.		
10 Mus 4	**WRITING**		
10 Mus 4.12.2	Compose music in several distinct styles using the elements of music.		
10 Mus 4.12.3	Arrange a two-part piece for voices/instruments other than those for which the pieces were originally composed.		
10 Mus 5	**READING**		
10 Mus 5.12.1	Read complex rhythms in all meters within the context of the repertoire.		
10 Mus 5.12.2	Read complex melodies within the context of the repertoire.		
10 Mus 5.12.3	Apply standard and nonstandard music symbols within the context of the repertoire.		
10 Mus 5.12.4	Sight read in parts with technical accuracy and expression.		
10 Mus 5.12.5	Notate musical phrases using standard and nonstandard symbols (e.g., used by some 20th century composers).		
10 Mus 6	**LISTENING**		
10 Mus 6.12.1	Demonstrate extensive knowledge of the technical vocabulary of the elements of music in analyzing aural examples.		
10 Mus 6.12.2	Analyze examples of a varied repertoire of music representing diverse genres and cultures by describing the uses of the elements of music and expressive devices.		
10 Mus 7	**EVALUATION**		
10 Mus 7.12.1	Apply specific musical criteria for making informed critical evaluations of the quality and effectiveness of performance and compositions.		
10 Mus 7.12.2	Apply specific musical criteria in evaluating their own music performances and those of similar or exemplary models.		
10 Mus 8	**APPLICATION TO LIFE**		
10 Mus 8.12.1	Compare how the characteristics appropriate to each art form can be used to describe similar themes and cite examples (e.g., emotion, intensity).		
10 Mus 8.12.2	Analyze concepts common to music and other disciplines outside the arts (e.g., conflict resolution: English - "Romeo and Juliet"; History - The Civil War; Science - chemical reactions; Music - tension and release).		
10 Mus 9	**CULTURAL AND HISTORICAL CONNECTIONS**		
10 Mus 9.12.1	Classify music examples by style, historical periods, American musical history, and world cultures.		
10 Mus 9.12.2	Describe various roles that musicians play and cite the achievements of representative individuals.		

Identifier	**Nevada - Grade 10 - Physical Education**	Introduced	Completed
10 PE			
10 PE 1.12.1	Apply appropriate vocabulary to coordinate a class or school-wide activity (i.e., round robin tournament).		
10 PE 1.12.2	Integrate discipline-specific knowledge to new physical activities.		
10 PE 1.12.3	Analyze personal performance and apply results for improvement (i.e., lower target heart rate).		
10 PE 1.12.4	Analyze and compare health and fitness benefits derived from various physical activities.		
10 PE 2.12.2	Demonstrate proficiency in at least three movement forms in two or more sports.		
10 PE 2.12.3	Apply scientific principles to weight transfer and balance movements.		
10 PE 3.12.1A	Identify and demonstrate complex combinations of steps and patterns from different theatrical styles and/or traditional styles of dance.		
10 PE 3.12.1B	Observe and analyze the action and qualities of movement in dances using appropriate dance vocabulary.		
10 PE 3.12.4	Demonstrate rhythmic acuity.		
10 PE 3.12.5	Perform traditional and/or theatrical style dances of different time periods or cultures and compare and contrast steps and movement styles.		
10 PE 4.12.1	Refine health-related fitness goals as defined by a formal guideline.		
10 PE 4.12.2	Independently engage in physical activity that addresses fitness and wellness throughout life.		
10 PE 4.12.3	Analyze a personal healthy lifestyle independent of teacher intervention.		
10 PE 4.12.4	Evaluate physical activity for injury potential.		
10 PE 5.12.1	Anticipate and avoid potentially dangerous outcomes and consequences during participation in physical activity.		
10 PE 5.12.2	Accept leadership responsibility in a group setting.		
10 PE 5.12.3	Evaluate the role of physical activity in a diverse society (i.e., skill level, gender, race, and disability).		

Identifier	**Nevada - Grade 10 - Theater**	Introduced	Completed
10 Th			
10 Th 1.12.1	Write a script in proper format for stage, television, film, or electronic media using historical or cultural research as a basis for the script.		
10 Th 1.12.2	Create a theatrical performance by conducting auditions, casting characters, directing scenes, and conducting production meetings.		
10 Th 1.12.3	Explain and demonstrate knowledge of varied responsibilities of technical personnel involved in television, theater, film, or electronic media production.		
10 Th 1.12.4	Develop an aesthetically unified production for theater, film, television, or electronic media.		
10 Th 1.12.5	Create a variety of materials for a media campaign for theater, film, television, or electronic media.		
10 Th 1.12.6	Work collaboratively and safely to design and/or construct a variety of scenic devices (e.g., scenic drops).		
10 Th 1.12.7	Justify choices of costumes, make-up, and props as they relate to the interpretation of a production.		
10 Th 1.12.8	Describe and demonstrate different lighting and sound techniques and equipment for film, stage, television, or electronic media.		
10 Th 1.12.9	Design and/or use a light and/or sound plot for film, stage, television, or electronic media.		
10 Th 2.12.1	Analyze and describe the physical, emotional, and social dimensions of characters found in a variety of text.		
10 Th 2.12.2	Identify, examine, and demonstrate various classical and contemporary acting techniques and methods.		
10 Th 2.12.3	Create and sustain a character within an ensemble for stage, film, television, or electronic media.		
10 Th 3.12.1	Critique the effectiveness of the visual, aural, and kinesthetic elements of a performance.		
10 Th 3.12.2	Justify personal aesthetic criteria for critiquing a dramatized performance.		
10 Th 3.12.3	Compare and contrast classical and contemporary dramas and comedies in various media.		
10 Th 4.12.1	Compare and contrast the ways in which universal themes and archetypes in dramatized events are expressed in another culture and another historical period.		
10 Th 4.12.2	Analyze methods of conflict resolution among characters.		
10 Th 5.12.1	Analyze the ways in which common themes or stories are interpreted in works from the four arts areas.		
10 Th 5.12.2	Analyze the development of dramatic forms, production practices, and theatrical traditions across cultures and historical periods.		
10 Th 5.12.3	Evaluate different ways technology is used to enhance theater, film, and television.		

Identifier	Nevada - Grade 10 - Visual Arts	Introduced	Completed
10 VA 1	**KNOWLEDGE**		
10 VA 1.12.1	Justify application of media, techniques, and processes in one's own work.		
10 VA 1.12.2	Evaluate responses to one's own work and apply findings to subsequent works of art.		
10 VA 1.12.3	Create works of art that demonstrate an understanding of a variety of media, tools, techniques, and processes (e.g., traditional and emerging technologies).		
10 VA 2	**APPLICATION**		
10 VA 2.12.1	Defend an interpretation of visual characteristics in works of art.		
10 VA 2.12.2	Defend interpretations of purposes and/or functions in art.		
10 VA 2.12.3	Analyze the effectiveness of and relationships among visual characteristics, purposes, and/or functions in works of art.		
10 VA 2.12.4	Create artworks that manipulate visual characteristics to convey complex ideas.		
10 VA 3	**CONTENT**		
10 VA 3.12.1	Evaluate the significance of specific subject matter, symbols, and ideas in works of art.		
10 VA 3.12.2	Plan and produce a work of art that displays the ability to choose subject matter, symbols, and ideas to communicate intended meaning.		
10 VA 3.12.3	Evaluate and defend the validity of sources and the manner in which subject matter, symbols, and ideas are used in artworks.		
10 VA 4	**CONTEXT**		
10 VA 4.12.1	Analyze and interpret artworks from various cultures and times regarding context and purposes.		
10 VA 4.12.2	Analyze characteristics and interpret meaning of art from various times, cultures, and places.		
10 VA 4.12.3	Analyze their own artwork in relation to historical, aesthetic, and cultural influences.		
10 VA 5	**INTERPRETATION**		
10 VA 5.12.1	Evaluate artwork based on various characteristics such as themes, styles, purposes, and subject matter.		
10 VA 5.12.2	Establish criteria and use them to assess merits of artwork.		
10 VA 5.12.3	Examine and evaluate a variety of techniques for communicating meanings, ideas, attitudes, views, and intentions.		
10 VA 5.12.4	Develop a personal aesthetic position and defend its degree of success when applied to works of art.		
10 VA 6	**CROSS-CURRICULAR**		
10 VA 6.12.1	Analyze how ideas, issues, and themes of a particular period manifest themselves in the visual arts and make parallel connections with other disciplines.		
10 VA 6.12.2	Compare the use of materials, techniques, media, and processes of the visual arts with those of other art disciplines.		
10 VA 6.12.3	Create works of art that reflect the research of multiple disciplines.		

Identifier	Kamico - Grade 10 - Language Arts/Reading		Introduced	Completed
R 10	**READING**			
R 10.1.1A	Word Identification/ Vocabulary Development	Rely on context to determine meanings of words and phrases such as figurative language, multiple-meaning words, and technical vocabulary.		
R 10.1.1B	Word Identification/ Vocabulary Development	Apply meanings of prefixes, roots, and suffixes in order to comprehend.		
R 10.1.1C	Word Identification/ Vocabulary Development	Use reference material such as glossary and dictionary to determine precise meanings and usage.		
R 10.1.2A	Comprehension	Produce summaries of texts by identifying main ideas and their supporting details.		
R 10.1.3A	Variety of Texts	Read in varied sources such as diaries, journals, textbooks, maps, newspapers, letters, speeches, and memoranda.		
R 10.2.1A	Literary Response	Use elements of text to defend responses and interpretations.		
R 10.2.2A	Literary Concepts	Compare and contrast varying aspects of texts such as themes, conflicts, and allusions.		
R 10.2.2B	Literary Concepts	Analyze relevance of setting and time frame to text's meaning.		
R 10.2.2C	Literary Concepts	Describe and analyze the development of plot and identify conflicts and how they are addressed and resolved.		
R 10.2.2D	Literary Concepts	Analyze literary language, including its use of evocative words and rhythms.		
R 10.2.2E	Literary Concepts	Connect literature to historical contexts and current events.		
R 10.2.2F	Literary Concepts	Understand literary forms and terms such as author, drama, biography, autobiography, myth, tall tale, dialogue, tragedy and comedy, protagonist, antagonist, paradox, analogy, dialect, and comic relief as appropriate to the selections being read.		
R 10.3.1A	Word Identification/ Vocabulary Development	Discriminate between connotative and denotative meanings and interpret the connotative power of words.		
R 10.3.1B	Word Identification/ Vocabulary Development	Read and understand analogies.		
R 10.3.2A	Comprehension	Analyze text structures such as compare and contrast, cause and effect, and chronological ordering for how they influence understanding.		
R 10.3.2B	Comprehension	Draw inferences such as conclusions, generalizations, and predictions and support them with text evidence.		
R 10.3.3A	Variety of Texts	Interpret the possible influences of the historical context on a literary work.		
R 10.3.4A	Literary Response	Use elements of text to defend responses and interpretations.		
R 10.3.5A	Analysis/ Evaluation	Analyze the characteristics of clearly written texts, including the patterns of organization, syntax, and word choice.		
R 10.3.5B	Analysis/ Evaluation	Evaluate the credibility of information sources, including how the writer's motivation may affect that credibility.		
R 10.3.5C	Analysis/ Evaluation	Recognize logical, deceptive, and/or faulty modes of persuasion in texts.		
R 10.3.6A	Viewing/ Representing/ Interpretation	Analyze relationships and ideas as represented in various media.		
R 10.3.6B	Viewing/ Representing/ Interpretation	Distinguish the purposes of various media forms such as informative texts, entertaining texts, and advertisements.		
R 10.3.7A	Viewing/ Representing/ Analysis	Deconstruct media to get the main idea of the message's content.		
R 10.3.7B	Viewing/ Representing/ Analysis	Evaluate and critique the persuasive techniques of media messages such as glittering generalities, logical fallacies, and symbols.		
W 10	**WRITING**			
W 10.1.1A	Purposes	Write to express, develop, reflect on ideas, and problem solve.		
W 10.1.1B	Purposes	Write to influence, such as to persuade, argue, and request.		
W 10.1.1C	Purposes	Write to inform, such as to explain, describe, report, and narrate.		
W 10.1.1D	Purposes	Write to entertain, such as to compose short stories.		
W 10.2.1A	Writing Processes	Revise selected drafts by adding, elaborating, deleting, combining, and rearranging text and edit drafts to ensure appropriate word choice.		
W 10.2.2A	Grammar/ Usage/ Conventions/ Spelling	Produce legible work that shows correct use of the conventions of punctuation and capitalization.		
W 10.2.2B	Grammar/ Usage/ Conventions/ Spelling	Produce legible work that shows accurate spelling.		
W 10.2.2C	Grammar/ Usage/ Conventions/ Spelling	Demonstrate control over grammatical elements such as subject-verb agreement, pronoun-antecedent agreement, verb forms, and parallelism.		
W 10.2.2D	Grammar/ Usage/ Conventions/ Spelling	Compose increasingly more involved sentences that contain gerunds, participles, and infinitives in their various functions.		
W 10.2.2E	Grammar/ Usage/ Conventions/ Spelling	Recognize a sentence with correct grammar, capitalization, punctuation, and spelling.		

Identifier	Nevada - Grade 10 - Language Arts/Reading	Introduced	Completed
	READING		
10 ELA 1.12.3	Apply knowledge of Anglo-Saxon-, Greek-, and Latin-derived roots and affixes to determine the meaning of unknown vocabulary across the curriculum.		
10 ELA 1.12.4	Discern subtle differences between closely related words (e.g., thin and slender); use references as necessary.		
10 ELA 1.12.5	Apply knowledge of syntax and literary allusions to acquire an understanding of new words and to comprehend text.		
10 ELA 2.12.1	Refine prereading strategies such as accessing prior knowledge, predicting, previewing, and setting a purpose to ensure comprehension.		
10 ELA 2.12.2	Use specific repair strategies such as summarizing, clarifying ambiguities, and consulting other sources.		
10 ELA 2.12.3	Plan, monitor, and assess the strategies used to ensure comprehension of a variety of texts.		
10 ELA 3.12.1	Analyze characters, plots, setting, themes, and points of view in any given piece of literature.		
10 ELA 3.12.2	Make inferences supported by the text regarding characters, plots, settings, and themes.		
10 ELA 3.12.3	Analyze viewpoints and messages in relation to the historical and cultural context of recognized works of British, American, or world literature.		
10 ELA 3.12.4	Use textual evidence to analyze the theme or meaning of a selection.		
10 ELA 3.12.5	Analyze and evaluate ways authors use imagery, figures of speech, and sound to elicit reader response.		
10 ELA 3.12.6	Analyze how irony, tone, mood, style, syntax, and sound of language are used for rhetorical and aesthetic purposes.		
10 ELA 3.12.7	Analyze the effects of an author's choice of literary form.		
10 ELA 4.12.1; 4.12.2	Analyze text features and rhetorical strategies of different types of primary source documents (e.g., policy statements, speeches, debates, diaries, platforms) and identify how authors use the features to achieve their purposes.		
10 ELA 4.12.3	Locate, organize, interpret, and synthesize information in multiple primary and secondary sources to support ideas and positions.		
10 ELA 4.12.4	Critique the power, logic, reasonableness, and audience appeal of arguments advanced in texts.		
10 ELA 4.12.5	Analyze how historical and cultural contexts influence the content and validity of informational texts.		
10 ELA 4.12.6	Read and apply multistep directions to perform complex procedures and tasks.		
	WRITING		
10 ELA 5.12.1	Write a research paper that develops a thesis, contains information selected from at least ten sources, and conforms to a style manual.		
10 ELA 5.12.2	Produce subject-specific technical writing, such as instructions for a shop project or field reports for science.		
10 ELA 5.12.3	Write reflective texts that draw comparisons between specific incidents and broader themes.		
10 ELA 5.12.4	Write responses to literature that analyze and critique the use of imagery, language, themes, stylistic devices, and tone.		
10 ELA 5.12.5	Write summaries or abstracts that distill large amounts of information into clear, concise prose.		
10 ELA 5.12.6	Write persuasive texts that evaluate, interpret, or speculate using specific rhetorical devices to support assertions; clarify and defend positions with precise and relevant evidence.		
10 ELA 6.12.1	Generate ideas for writing by selecting appropriate prewriting strategies with attention to audience, purpose, and personal style.		
10 ELA 6.12.2	Organize ideas in compositions by selecting and applying structures such as comparison/contrast or cause/effect, which enhance the central idea, theme, or purpose.		
10 ELA 6.12.3	Write compositions that present complex ideas in a sustained and compelling manner.		
10 ELA 6.12.4	Revise writing to improve word choice, organization, and point of view, using given criteria such as rubrics or feedback from others.		
10 ELA 6.12.5	Edit for use of standard English.		
10 ELA 6.12.7	Share final drafts with a designated audience.		
10 ELA 7.12.1	Apply the rules of usage, grammar, and capitalization with few significant errors; use modifiers, parallel structure, and subordination correctly in writing.		
10 ELA 7.12.2	Use multiple structures such as inversion, parallelism, and sentences of varying lengths for stylistic effect.		
10 ELA 7.12.3	Use rules of punctuation; manipulate conventions for emphasis in writing.		
10 ELA 7.12.4	Use rules of capitalization.		
10 ELA 7.12.5	Demonstrate conventional spelling.		
	LISTENING AND SPEAKING		
10 ELA 8.12.1	Summarize and evaluate communications that inform, persuade, and entertain.		
10 ELA 8.12.2	Create and apply criteria for evaluating content and delivery of oral and multimedia presentations.		
10 ELA 8.12.3	Analyze the effects of language and dialect on audience response.		
10 ELA 9.12.1	Use specific and varied vocabulary and apply standard English to communicate ideas.		
10 ELA 9.12.2	Make formal oral or multimedia presentations, using vocabulary and public speaking techniques appropriate to audience and purpose.		
10 ELA 9.12.3	Organize and deliver planned, extemporaneous, and impromptu presentations that address a topic and engage the audience.		
10 ELA 9.12.4	Read aloud or recite literary, dramatic, and original works.		
10 ELA 10.12.1	Participate in problem-solving conversations or group discussions by identifying, synthesizing, and evaluating data.		

Identifier	Nevada - Grade 10 - Language Arts/Reading	Introduced	Completed
10 ELA 10.12.2	Negotiate to arrive at consensus by proposing and examining possible options.		
10 ELA 10.12.3	Identify and practice techniques such as setting time limits for speakers and deadlines for decision making to improve productivity of group discussions.		
10 ELA 10.12.4	Justify a position using logic and refuting opposing viewpoints.		
	RESEARCH		
10 ELA 11.12.1	Formulate cross-curricular research questions and use an appropriate research design to gather information.		
10 ELA 11.12.2	Evaluate possible sources of information for credibility and usefulness.		
10 ELA 11.12.3	Cite sources of information using a standard method of documentation.		
10 ELA 11.12.5	Organize and present research findings using appropriate media.		

Identifier	Lander - Grade 10 - Language Arts/Reading	Introduced	Completed
10ELA1	**WORD KNOWLEDGE**		
10ELA1.1	Apply knowledge of prefixes, suffixes, and roots to determine word meaning		
10ELA1.2	Use context clues to determine word meaning		
10ELA1.3	Differentiate between objective/subjective language and connotation/denotation of words		
10ELA2	**THE READING PROCESS**		
10ELA2.1	Apply reading process skills and strategies to aid comprehension		
10ELA2.2	Determine the main idea of various types of text		
10ELA2.3	Adjust reading rate and strategies appropriate to text and purpose		
10ELA2.4	Draw conclusions and make inferences based on evidence from text		
10ELA3	**GRAMMAR, USAGE, AND MECHANICS**		
10ELA3.1	Write using standard English grammar, usage, and mechanics		
10ELA3.2	Construct various types of sentences		
10ELA3.3	Correct sentence errors		
10ELA3.4	Develop individual writing style		
10ELA3.5	Avoid common stylistic errors		
10ELA3.6	Write using effective transitions		
10ELA3.7	Appropriately use active and passive voice in writing		
10ELA4	**COMPOSITION**		
10ELA4.1	Apply the five stages of the writing process		
10ELA4.2	Apply the holistic rubric of the Nevada State Proficiency Exam in Writing		
10ELA4.3	Write with clarity and express ideas concisely		
10ELA4.4	Write various forms of business communication		
10ELA4.5	Write a variety of compositions appropriate to audience and purpose		
10ELA4.6	Write expository, persuasive, narrative, and descriptive compositions		
10ELA4.7	Revise and edit independently		
10ELA4.8	Paraphrase information accurately		
10ELA4.9	Write a research paper citing sources according to a given format		
10ELA5	**LITERATURE/INFORMATIONAL TEXT**		
10ELA5.1	Read and respond to a broad range of classic and contemporary literature		
10ELA5.2	Analyze literary elements of various types of literature		
10ELA5.3	Recognize and interpret poetic and literary devices		
10ELA5.4	Identify author's purpose or viewpoint		
10ELA5.5	Analyze use of text features and rhetorical strategies		
10ELA5.6	Read and follow multi-step directions		
10ELA5.7	Identify the main idea and supporting details		
10ELA5.8	Differentiate between fact and opinion		
10ELA5.9	Summarize and synthesize information from primary and secondary sources		
10ELA6	**COMMUNICATION/STUDY SKILLS**		
10ELA6.1	Apply standard English to communicate		
10ELA6.2	Participate in organized verbal exchanges		
10ELA6.3	Employ appropriate speaking techniques		
10ELA6.4	Coherently and concisely defend responses and opinions		
10ELA6.5	Employ constructive feedback using given criteria		
10ELA6.6	Practice effective listening skills		
10ELA6.7	Solve problems and find solutions as a member of a team		
10ELA6.8	Recite literary, dramatic, and original works		
10ELA6.9	Summarize communications that inform, persuade, and entertain		
10ELA6.10	Apply effective reading strategies for study		
10ELA6.11	Practice effective study habits		
10ELA6.12	Practice effective test-taking strategies		

Identifier	Kamico - Grade 10 - Mathematics	Introduced	Completed
	FOUNDATIONS FOR FUNCTIONS		
M 10.1.1A	The student describes independent and dependent quantities in functional relationships.		
M 10.1.1B	The student uses data sets to determine functional (systematic) relationships between quantities.		
M 10.1.1C	The student describes functional relationships for given problem situations and writes equations or inequalities to answer questions arising from the situations.		
M 10.1.1D	The student represents relationships among quantities using models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities.		
M 10.1.1E	The student interprets and makes inferences from functional relationships.		
M 10.2.1A	The student identifies the general forms of linear ($y = x$) and quadratic ($y = x^2$) parent functions.		
M 10.2.1B	For a variety of situations, the student identifies the mathematical domains and ranges and determines reasonable domain and range values for given situations.		
M 10.2.1C	The student interprets situations in terms of given graphs.		
M 10.2.1D	In solving problems, the student organizes data, interprets scatterplots, and models, predicts, and makes decisions and critical judgments.		
M 10.2.2A	The student uses symbols to represent unknowns and variables.		
M 10.2.2B	Given situations, the student looks for patterns and represents generalizations algebraically.		
M 10.2.3A	The student finds specific function values, simplifies polynomial expressions, transforms and solves equations, and factors as necessary in problem situations.		
M 10.2.3B	The student uses the commutative, associative, and distributive properties to simplify algebraic expressions.		
	LINEAR FUNCTIONS		
M 10.3.1A	The student determines whether or not given situations can be represented by linear functions.		
M 10.3.1B	The student translates among and uses algebraic, tabular, graphical, or verbal descriptions of linear functions.		
M 10.3.2A	The student develops the concept of slope as rate of change and determines slopes from graphs, tables, and algebraic representations.		
M 10.3.2B	The student interprets the meaning of slope and intercepts in situations using data, symbolic representations, or graphs.		
M 10.3.2C	The student investigates, describes, and predicts the effects of changes in m and b on the graph of $y = mx + b$.		
M 10.3.2D	The student graphs and writes equations of lines given characteristics such as two points, a point and a slope, or a slope and y-intercept.		
M 10.3.2E	The student determines the intercepts of linear functions from graphs, tables, and algebraic representations.		
M 10.3.2F	The student interprets and predicts the effects of changing slope and y-intercept in applied situations.		
M 10.3.2G	The student relates direct variation to linear functions and solves problems involving proportional change.		
M 10.4.1A	The student analyzes situations involving linear functions and formulates linear equations or inequalities to solve problems.		
M 10.4.1B	The student investigates methods for solving linear equations and inequalities using models, graphs, and the properties of equality, selects a method, and solves the equations and inequalities.		
M 10.4.1C	For given contexts, the student interprets and determines the reasonableness of solutions to linear equations and inequalities.		
M 10.4.2A	The student analyzes situations and formulates systems of linear equations to solve problems.		
M 10.4.2B	The student solves systems of linear equations using models, graphs, tables, and algebraic methods.		
M 10.4.2C	For given contexts, the student interprets and determines the reasonableness of solutions to systems of equations.		
	QUADRATIC AND OTHER NONLINEAR FUNCTIONS		
M 10.5.1A	The student investigates, describes, and predicts the effects of changes in a on the graph of $y = ax^2$.		
M 10.5.1B	The student investigates, describes, and predicts the effects of changes in c on the graph of $y = x^2 + c$.		
M 10.5.1C	For problem situations, the student analyzes graphs of quadratic functions and draws conclusions.		
M 10.5.2A	The student solves quadratic equations using models, tables, graphs, and algebraic methods.		
M 10.5.2B	The student relates the solutions of quadratic equations to the roots of their functions.		
M 10.5.3A	The student uses the laws of exponents and applies them in problem-solving situations.		
	GEOMETRY AND SPATIAL REASONING		
M 10.6.1A	Generate similar shapes using dilations including enlargements and reductions.		
M 10.6.1B	Graph dilations, reflections, and translations on a coordinate plane.		
M 10.6.2A	Locate and name points on a coordinate plane using ordered pairs of rational numbers.		
M 10.7.1A	Draw solids from different perspectives.		
M 10.7.1B	Use geometric concepts and properties to solve problems in fields such as art and architecture.		
M 10.7.1C	Use pictures or models to demonstrate the Pythagorean theorem.		
	MEASUREMENT		
M 10.8.1A	Find surface area of prisms and cylinders using models and nets (two-dimensional models).		
M 10.8.1B	Connect models to formulas for volume of prisms, cylinders, pyramids, and cones.		
M 10.8.1C	Estimate answers and use formulas to solve application problems involving surface area and volume.		
M 10.8.2A	Use the Pythagorean theorem to solve real-life problems.		
M 10.8.2B	Use proportional relationships in similar shapes to find missing measurements.		
M 10.8.3A	Describe the resulting effects on perimeter and area when dimensions of a shape are changed proportionally.		
M 10.8.3B	Describe the resulting effect on volume when dimensions of a solid are changed proportionally.		

Identifier	Kamico - Grade 10 - Mathematics	Introduced	Completed
	PATTERNS, RELATIONSHIPS, AND ALGEBRAIC THINKING		
M 10.9.1A	Estimate and find solutions to application problems involving percents and proportional relationships, such as similarity and rates.		
	PROBABILITY AND STATISTICS		
M 10.9.2A	Find the probabilities of compound events (dependent and independent).		
M 10.9.2B	Use theoretical probabilities and experimental results to make predictions and decisions.		
M 10.9.3A	Select the appropriate measure of central tendency to describe a set of data for a particular purpose.		
M 10.9.3B	Construct circle graphs, bar graphs, and histograms, with and without technology.		
M 10.9.4A	Recognize misuses of graphical or numerical information and evaluate predictions and conclusions based on data analysis.		
	UNDERLYING PROCESSES AND MATHEMATICAL TOOLS		
M 10.10.1A	Identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics.		
M 10.10.1B	Use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness.		
M 10.10.1C	Select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem.		
M 10.10.2A	Communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models.		
M 10.10.3A	Make conjectures from patterns or sets of examples and nonexamples.		
M 10.10.3B	Validate conclusions using mathematical properties and relationships.		

Identifier	Nevada - Grade 10 - Mathematics	Introduced	Completed
10 M 1	**NUMBERS, NUMBER SENSE, AND COMPUTATION**		
10 M 1.12.1	Calculate and estimate sums, differences, products, quotients, powers, and roots using mental math, formulas, and algorithms.		
10 M 1.12.2	Apply the laws of exponents to perform operations on expressions with integral exponents and expressions in scientific notation.		
10 M 1.12.3	Apply the properties and theories of the real-number system to everyday situations.		
10 M 1.12.5	Perform simple operations on matrices.		
10 M 2	**PATTERNS, FUNCTIONS, AND ALGEBRA**		
10 M 2.12.2	Represent and solve problems using discrete structures including graphs and matrices, with and without technology.		
10 M 2.12.3	Create and use different forms of a variety of equations, proportions, and/or formulas (e.g., I = PRT or R = I/PT), solving for the needed variable as necessary in given situations.		
10 M 2.12.4	Add, subtract, multiply, and factor (1st and 2nd degree) polynomials, describing each step in the process and the connection between the algebraic process and the arithmetic process; use simple quadratic equations with integer roots to solve practical and mathematical problems.		
10 M 2.12.5	Model practical problems from everyday situations with a variety of models that includes matrices, translating among tabular, symbolic, and graphical representations of functions, with and without technology.		
10 M 2.12.6	Determine the domain and range of linear relations given a graph or a set of ordered pairs; explain their importance in problem-solving situations.		
10 M 2.12.7	Solve systems of two linear equations, both algebraically and graphically; use graphing calculators as a primary tool in solving these problems and to verify solutions found by other methods.		
10 M 3	**MEASUREMENT**		
10 M 3.12.1	Convert between customary and metric systems; convert among monetary systems.		
10 M 3.12.2	Select and use measurement tools, techniques, and formulas to calculate and compare rates, cost, distances, interest, temperatures, and weight/mass.		
10 M 3.12.3	Distinguish and differentiate among the structures, language, and uses of systems of measures (e.g., linear, square units, cubic units); justify and communicate the differences between accuracy, precision, error, and tolerance in measurement; describe how each of these can affect solutions found in problem situations.		
10 M 3.12.4	Use and interpret consumer data (e.g., amortization tables, tax tables, and compound-interest charts) to make informed financial decisions related to practical applications such as budget.		
10 M 3.12.5	Use relationships (e.g., proportions) and formulas (indirect measurement) to determine the measurement of unknown dimensions, angles, areas, and volumes to solve problems.		
10 M 4	**SPATIAL RELATIONSHIPS AND GEOMETRY**		
10 M 4.12.1	Identify and use the properties of polygons (including interior and exterior angles) and elements of circles (e.g., angles, arcs, chords, secants, and tangents) to solve practical problems.		
10 M 4.12.5	Use coordinate geometry to graph linear equations, determine slopes of lines, identify parallel and perpendicular lines, and find possible solutions to sets of equations; use algebraic techniques to solve problems determined by geometric relationships.		
10 M 4.12.6	Use complementary and supplementary angles, congruent angles, vertical angles, angles formed when parallel lines are cut by a transversal, and angles in polygons to solve practical problems.		
10 M 4.12.7	Apply the Pythagorean theorem, its converse, properties of special right triangles, and right-triangle trigonometry to solve practical problems.		
10 M 4.12.8	Use tools, technology, and models to sketch, draw, and construct geometric figures in order to solve problems and to demonstrate the properties of geometric figures.		
10 M 4.12.9	Construct, justify, and defend mathematical conclusions using logical, sequential, deductive reasoning supported by established mathematical principles.		
10 M 5	**DATA ANALYSIS**		
10 M 5.12.1	Use calculators and computers to create and manipulate tables, graphs, and matrices to communicate statistical information; use the shape of graphs of normal distributions to compare and analyze information.		
10 M 5.12.2	Design, conduct, analyze, and communicate the results of multistage probability experiments.		
10 M 5.12.3	Distinguish between and apply permutations and combinations using a variety of methods, including the fundamental counting principle.		
10 M 5.12.4	Select and use the measures of central tendency such as mean, median, mode, and variability including range, distribution, and possible outliers that are appropriate for given situations.		
10 M 5.12.5	Analyze the validity of statistical conclusions noting various sources of bias, misuse, and abuse of data caused by a wide variety of factors including choices of scale, probability versus odds, inappropriate uses of measures of central tendency, inaccurate curve fitting, and inappropriate uses of controls or sample groups.		
10 M 5.12.6	Design, construct, analyze, and select an appropriate type of graph to represent data to communicate the results of statistical experiments (e.g., write a survey question and analyze and communicate the findings).		
10 M 6	**PROBLEM SOLVING**		
10 M 6.12.1	Select, modify, develop, and apply strategies to solve a variety of mathematical and practical problems and to investigate and understand mathematical concepts.		
10 M 6.12.2	Apply previous experience and knowledge to new problem-solving situations.		
10 M 6.12.5	Verify, interpret, and evaluate results with respect to the original problem situation, determining an efficient strategy for the given situation.		
10 M 6.12.6	Try more than one strategy when the first strategy proves to be unproductive.		
10 M 6.12.7	Apply multistep, integrated, mathematical problem-solving strategies, persisting until a solution is found or until it is clear that no solution exists.		
10 M 6.12.9	Generalize solutions and strategies from earlier problems to new problem situations.		

Identifier	**Nevada - Grade 10 - Mathematics**	Introduced	Completed
10 M 6.12.10	Interpret and solve a variety of mathematical problems by paraphrasing, identifying necessary and extraneous information, selecting and justifying efficient methods and/or strategies, and ensuring the answer is reasonable.		
10 M 6.12.11	Apply combinations of proven strategies and previous knowledge to solve nonroutine problems.		
10 M 6.12.13	Use technology, including calculators, to solve problems and verify solutions.		
10 M 6.12.14	Use technology, including calculators, to investigate, define, and describe quantitative relationships such as patterns and functions.		
10 M 7	**MATHEMATICAL COMMUNICATION**		
10 M 7.12.1	Discuss and exchange ideas about mathematics as a part of learning.		
10 M 7.12.2	Use inquiry techniques (e.g., discussion, questioning, research, data gathering) to solve mathematical problems.		
10 M 7.12.3	Read expository text to learn about mathematics.		
10 M 7.12.6	Interpret and solve word problems without the necessity of key words or phrases.		
10 M 7.12.9	Model and explain mathematical relationships using oral, written, graphical, and algebraic methods.		
10 M 7.12.10	Evaluate the effectiveness of written and oral presentations of mathematics.		
10 M 7.12.11	Make conjectures and present arguments in discussions of mathematical ideas.		
10 M 7.12.14	Explain and evaluate thinking about mathematical ideas and solutions based on the roles of definitions, properties, common rules, and symbols in solving problems.		
10 M 7.12.15	Use everyday language to explain thinking about strategies and solutions to mathematical problems.		
10 M 7.12.16	Express mathematical ideas and use them to define, compare, and solve problems orally and in writing.		
10 M 7.12.17	Use mathematical notation to communicate and explain mathematical situations.		
10 M 8	**MATHEMATICAL REASONING**		
10 M 8.12.3	Construct, justify, and defend mathematical conclusions, using logical arguments, in situations related to mathematics, science, and technology.		
10 M 8.12.4	Use patterns and relationships to analyze mathematical situations; draw logical conclusions about mathematical problems.		
10 M 8.12.5	Follow a logical argument and judge its validity.		
10 M 8.12.7	Recognize and apply deductive and inductive reasoning in both concrete and abstract contexts.		
10 M 8.12.8	Ask questions to reflect on, clarify, and extend thinking.		
10 M 8.12.9	Review and refine the assumptions and steps used to derive conclusions in mathematical arguments.		
10 M 8.12.10	Construct valid arguments; make and test conjectures about algebraic and geometric properties based on mathematical principles.		
10 M 8.12.11	Determine relevant, irrelevant, and/or sufficient information to solve mathematical problems.		
10 M 9	**MATHEMATICAL CONNECTIONS**		
10 M 9.12.1	Link new concepts to prior knowledge.		
10 M 9.12.2	Use mathematical ideas from one area of mathematics to explain an idea from another area of mathematics.		
10 M 9.12.3	Use models to explain the relationship of concepts to procedures.		
10 M 9.12.4	Use the connections among mathematical topics to develop multiple approaches to problems.		
10 M 9.12.6	Use and analyze the connections between mathematics and other disciplines.		
10 M 9.12.7	Apply mathematical thinking and modeling to solve problems that arise in other disciplines (e.g., rhythm in music and motion in science).		
10 M 9.12.8	Identify, explain, and use mathematics in everyday life.		

Identifier	Lander - Grade 10 - Mathematics	Introduced	Completed
10M1	**POLYNOMIALS AND RATIONAL EXPRESSIONS**		
10M1.1	Solve problems using the properties of real numbers		
10M1.2	Add, subtract, multiply, divide, and factor polynomials		
10M1.3	Solve problems, using powers and radicals		
10M1.4	Evaluate algebraic expressions		
10M1.5	Simplify rational algebraic expressions		
10M2	**EQUATIONS AND SYSTEMS OF EQUATIONS**		
10M2.1	Solve and graph linear equations and inequalities in one and two variables, including absolute value and radicals		
10M2.2	Solve problems involving coordinate geometry: determine the slope, identify the x- and y- intercepts, and derive the equation of a line		
10M2.3	Explore the effects of how changes in one variable affects other relationships		
10M2.4	Distinguish between functions and relations, and be able to identify given ranges and domains		
10M2.5	Solve quadratic equations and inequalities using the quadratic formula, zero product property, and completing the square		
10M2.6	Solve systems of equations, linear and quadratic, using graphing, substitution, and linear combination methods		
10M3	**PROBLEM SOLVING**		
10M3.1	Select, modify, develop, and apply strategies to solve a variety of mathematical and practical problems and to investigate and understand mathematical concepts		
10M3.2	Apply previous experience and knowledge to new problem-solving situations		
10M3.3	Verify, interpret, and evaluate results with respect to the original problem situation, determining an efficient strategy for the given situation		
10M3.4	Try more than one strategy when the first strategy proves to be unproductive		
10M3.5	Generalize solutions and strategies from earlier problems to new problem situations		
10M3.6	Interpret and solve a variety of mathematical problems by paraphrasing, identifying necessary and extraneous information, selecting and justifying efficient methods and/or strategies, and ensuring the answer is reasonable		
10M3.7	Use technology, including calculators, to understand quantitative relationships (e.g., for skip counting and pattern exploration)		
10M3.8	Use technology, including calculators, to investigate, define, and describe qualitative relationships such as patterns and functions		
10M3.9	Solve real-world problems using appropriate formulas, relations, and functions, and properties		
10M3.10	Solve real-world problems using direct and indirect methods		
10M3.11	Solve real-world problems using appropriate strategies and tools		
10M3.12	Generalize conclusions, make inferences, and justify reasonableness of mathematical problems		
10M4	**MATHEMATICAL COMMUNICATION**		
10M4.1	Use inquiry techniques (e.g., discussion, questioning, research, data gathering) to solve mathematical problems		
10M4.2	Identify and translate key words and phrases that imply mathematical operations		
10M4.3	Use physical materials, diagrams, models, pictures, writing, and tables to represent and then communicate mathematical ideas through oral, verbal, and written formats		
10M4.4	Explain and justify thinking about mathematical ideas and solutions		
10M4.5	Make conjectures and present arguments in discussions of mathematical ideas		
10M4.6	Use everyday language to explain thinking about strategies and solutions to mathematical problems		
10M4.7	Express mathematical ideas and use them to define, compare, and solve problems orally and in writing		
10M4.8	Use mathematical notation to communicate and explain mathematical situations		
10M5	**MATHEMATICAL REASONING**		
10M5.1	Use patterns and relationships to analyze mathematical situations; draw logical conclusions about mathematical problems		
10M5.2	Apply deductive and inductive reasoning in mathematical situations to extend logical reasoning		
10M5.3	Ask questions to reflect on, clarify, and extend thinking		
10M5.4	Determine relevant, irrelevant, and/or sufficient information to solve mathematical problems		
10M6	**MATHEMATICAL CONNECTIONS**		
10M6.1	Link new concepts to prior knowledge		
10M6.2	Use mathematical ideas from one area of mathematics to explain an idea from another area of mathematics		
10M6.3	Use models to explain the relationship of concepts to procedures		
10M6.4	Identify practical applications of mathematical principles that can be applied to other disciplines		
10M6.5	Apply mathematical thinking and modeling to solve problems that arise in other disciplines (e.g., rhythm in music and motion in science)		
10M6.6	Identify, explain, and use mathematics in everyday life		

Identifier	Kamico - Grade 10 - Social Studies		Introduced	Completed
SS 10				
SS 10.1.1A	History	Explain the significance of the following dates: 1776, 1787, and 1861-1865.		
SS 10.1.2A	History	Explain the roles played by significant individuals during the American Revolution, including Thomas Jefferson and George Washington.		
SS 10.1.2B	History	Explain the issues surrounding the American Revolution, including declaring independence and the Articles of Confederation.		
SS 10.1.3A	Government	Identify colonial grievances listed in the Declaration of Independence and explain how those grievances were addressed in the U.S. Constitution and the Bill of Rights.		
SS 10.2.1A	Geography	Answer questions about geographic distributions and patterns shown on maps, graphs, and charts.		
SS 10.2.2A	History	Analyze the effects of physical and human geographic patterns and processes on events in the past and describe their effects on present conditions, including significant physical features and environmental conditions that influenced migration patterns in the past and shaped the distribution of culture groups today.		
SS 10.2.2B	History	Trace the spatial diffusion of a phenomenon and describe its effects on regions of contact such as the spread of bubonic plague and the diffusion and exchange of foods between the New and Old Worlds.		
SS 10.2.3A	Geography	Observe patterns in the size and distribution of cities using maps, graphics, and other information.		
SS 10.2.4A	Geography	Interpret historical maps to identify and explain geographic factors that have influenced people and events in the past.		
SS 10.2.5A	Science, Technology, and Society	Give examples of technological innovations that occurred at different periods in history and describe the changes produced by these discoveries and innovations.		
SS 10.3.1A	Geography	Analyze political, economic, social, and demographic data to determine the level of development and standard of living in nations.		
SS 10.3.2A	Economics	Compare the ways people satisfy their basic needs through the production of goods and services such as subsistence agriculture versus market-oriented agriculture or cottage industries versus commercial industries.		
SS 10.3.3A	Culture	Describe the impact of general processes such as migration, war, trade, independent inventions, and diffusion of ideas and motivations on cultural change.		
SS 10.4.1A	History	Explain the reasons for the growth of representative government and institutions during the colonial period.		
SS 10.4.2A	Government	Identify the influence of ideas from historic documents including the Magna Carta, the English Bill of Rights, the Declaration of Independence, and the Federalist Papers on the U.S. system of government.		
SS 10.4.2B	Government	Analyze how the U.S. Constitution reflects the principles of limited government, republicanism, checks and balances, federalism, separation of powers, popular sovereignty, and individual rights.		
SS 10.4.3A	Government	Describe the impact of 19th-century amendments including the 13th, 14th, and 15th amendments on life in the United States.		
SS 10.4.4A	Government	Describe historical conflicts arising over the issue of states' rights, including the Nullification Crisis and the Civil War.		
SS 10.4.5A	Citizenship	Define and give examples of unalienable rights.		
SS 10.4.5B	Citizenship	Summarize rights guaranteed in the Bill of Rights.		
SS 10.4.6A	Citizenship	Describe the importance of free speech and press in a democratic society.		
SS 10.5.1A	Social Studies Skills	Use primary and secondary sources to acquire information about the United States.		
SS 10.5.1B	Social Studies Skills	Identify points of view from the historical context surrounding an event and the frame of reference which influenced the participants.		
SS 10.5.1C	Social Studies Skills	Identify bias in written and visual material.		
SS 10.5.2A	Geography	Compare ways that humans depend on, adapt to, and modify the physical environment using state, national, and international human activities in a variety of cultural and technological contexts.		
SS 10.5.3A	Social Studies Skills	Interpret maps to answer geographic questions, infer geographic relationships, and analyze geographic change.		
SS 10.5.4A	Social Studies Skills	Analyze information by sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations, and drawing inferences and conclusions.		
SS 10.5.5A	Social Studies Skills	Interpret visuals including graphs, charts, time lines, and maps.		

Identifier	Nevada - Grade 10 - Social Studies		Introduced	Completed
10 SS C	**CIVICS**			
10 SS C 1.12.1	Rules and Law	Explain the concept of the rule of law in the establishment of the U.S. Constitution.		
10 SS C 1.12.2	Rules and Law	Explain the influence of social contract theory, natural rights philosophy, and republicanism in the Declaration of Independence, the Articles of Confederation, and the U.S. Constitution.		
10 SS C 1.12.3	Rules and Law	Describe the historic influences on early U.S. documents, such as Greek law, Magna Carta, and Iroquois League.		
10 SS C 1.12.4	Rules and Law	Analyze the role of citizen participation in U.S. civic life.		
10 SS C 1.12.5	Rules and Law	Identify and explain changes in the interpretation and application of the U.S. Constitution.		
10 SS C 2.12.1	US Government	Examine the organization of the U.S. Constitution and describe the structure it creates, including the executive, legislative, and judicial branches.		
10 SS C 2.12.2	US Government	Describe the creation of laws through the legislative process.		
10 SS C 2.12.3	US Government	Analyze and give examples of the expansion of the national government through the application of the enumerated and implied powers.		
10 SS C 2.12.4	US Government	Describe the duties of the executive branch, including cabinet/departments, regulatory commissions, and White House staff.		
10 SS C 2.12.5	US Government	Describe the jurisdiction of the federal court system and the power of judicial review.		
10 SS C 2.12.6	US Government	Explain the importance of the jury process in a democratic society.		
10 SS C 2.12.7	US Government	Analyze the effectiveness of checks and balances in maintaining the equal division of power.		
10 SS C 3.12.1	National and State Government	Explain the U.S. Constitutional provisions for division of powers between the state and national governments (delegated, reserved, concurrent powers).		
10 SS C 3.12.2	National and State Government	Provide contemporary example of federalism.		
10 SS C 3.12.3	National and State Government	Use examples to illustrate the supremacy clause in defining the relationship between state and national governments.		
10 SS C 4.12.1	Political Process	Assess the processes by which leaders are selected in the U.S. political system and analyze the role of the electoral college system in the election of the President.		
10 SS C 4.12.2	Political Process	Analyze the roles and function of factions within political parties and the role of parties in public policy and politics.		
10 SS C 4.12.3	Political Process	Evaluate the significance of interest groups in the political process of a democratic society.		
10 SS C 4.12.4	Political Process	Analyze the role that television and other media play in the process of political persuasion.		
10 SS C 4.12.5	Political Process	Evaluate propaganda in both historic and current political communication.		
10 SS C 4.12.6	Political Process	Describe the process by which public policy is formed and carried out.		
10 SS C 5.12.1	Citizenship	Examine the rights of citizens and how these rights may be restricted.		
10 SS C 5.12.2	Citizenship	Examine the responsibilities of U.S. citizens.		
10 SS C 5.12.3	Citizenship	Explain symbols and documents of a nation and how they represent its identity.		
10 SS C 5.12.4	Citizenship	Describe the development of the Bill of Rights and provide a contemporary application.		
10 SS C 5.12.5	Citizenship	Analyze the United States Constitution and its amendments in protecting individual rights, including the 14th Amendment's provisions for due process and equal protection.		
10 SS C 5.12.6	Citizenship	Identify major conflicts in social, political, and economic life and analyze the role of compromise in the resolution of these issues.		
10 SS C 5.12.7	Citizenship	Describe the role of the United States Supreme Court as guardian of individual rights through the examination of landmark cases, including Brown v. Board of Education of Topeka, Gideon v. Wainwright, Miranda v. Arizona, and Tinker v. Des Moines Independent Community School District.		
10 SS C 6.12.1	State and Local Government	Explain the structure and function of state and local governments.		
10 SS C 6.12.2	State and Local Government	Describe the unique role of tribal governments within the United States.		
10 SS C 6.12.3	State and Local Government	Compare and contrast the structure of the Nevada and United States Constitutions.		
10 SS C 6.12.4	State and Local Government	Describe the differences between the local, state, and federal court systems.		
10 SS C 7.12.1	Political and Economic Systems	Summarize and evaluate the significant characteristics of the world's major political systems, including monarchy, totalitarian dictatorship, presidential system, parliamentary system, and communism.		
10 SS C 7.12.2	Political and Economic Systems	Define and analyze the major economic systems of the world, including capitalism, mixed economy, socialism, and command economy.		
10 SS C 8.12.1	International Relations	Analyze the conflict between U.S. policies of isolationism versus intervention in world affairs.		
10 SS C 8.12.2	International Relations	Identify and analyze the effectiveness of U.S. foreign policy in dealing with international problems and concerns including diplomacy, economic policy, humanitarian aid, and military intervention.		
10 SS C 8.12.3	International Relations	Critique the role of international organizations, such as the United Nations and nongovernmental organizations, in world affairs.		
10 SS E	**ECONOMICS**			
10 SS E 1.12.1	Economic Way of Thinking	Explain why choices and their costs may differ across individuals and societies.		
10 SS E 1.12.2	Economic Way of Thinking	Recognizing that people act out of self-interest, predict how a change in the economic environment will affect the choices made by consumers, producers, and savers.		
10 SS E 1.12.3	Economic Way of Thinking	Examine decisions made by individuals, businesses, and government by comparing the marginal benefits and marginal costs.		
10 SS E 1.12.4	Economic Way of Thinking	Give examples of and evaluate the effectiveness of incentive systems used by parents, teachers, and employers.		
10 SS E 2.12.1	Measuring US Economic Performance	Explain the difference between nominal GDP and real GDP.		
10 SS E 2.12.2	Measuring US Economic Performance	Using real GDP per capita as a measure of the standard of living, describe how living standards have changed over time.		
10 SS E 2.12.3	Measuring US Economic Performance	Using the change in real GDP, examine the U.S. economy over time, identifying recessions and high and low rates of growth.		
10 SS E 2.12.4	Measuring US Economic Performance	Using a price index to measure inflation, identify when the U.S. economy has experienced high and low rates of inflation and discuss their effects.		
10 SS E 2.12.5	Measuring US Economic Performance	Use various price indexes to determine how the prices of different types of goods and services have changed.		
10 SS E 2.12.6	Measuring US Economic Performance	Explain and give examples of the costs of unemployment to the economy as a whole (e.g., lost income, lost tax revenue, and additional welfare burdens).		

Identifier	Nevada - Grade 10 - Social Studies		Introduced	Completed
10 SS E 2.12.7	Measuring US Economic Performance	Compare the unemployment rates for groups of people who differ by age, gender, ethnic origin, occupation, and educational attainment.		
10 SS E 2.12.8	Measuring US Economic Performance	Explain why a real interest rate accurately measures the benefit of saving or the cost of borrowing.		
10 SS E 2.12.9	Measuring US Economic Performance	Demonstrate knowledge of when interest rate levels have experienced relative highs and relative lows throughout U.S. history and discuss their effects.		
10 SS E 2.12.10	Measuring US Economic Performance	Characterize career paths according to the rates of growth and employment.		
10 SS E 2.12.11	Measuring US Economic Performance	Explain ways a high interest rate could be detrimental or beneficial.		
10 SS E 2.12.12	Measuring US Economic Performance	Evaluate saving and borrowing options in terms of interest and compare long- and short-term costs and benefits.		
10 SS E 3.12.1	Functioning of Markets	Demonstrate an understanding that all voluntary trade, by definition, benefits both parties.		
10 SS E 3.12.2	Functioning of Markets	Use the concepts of supply and demand to analyze and predict the price changes occurring in markets for goods and services.		
10 SS E 3.12.3	Functioning of Markets	Use the concept of price elasticity to analyze how buyers and sellers might adjust their purchase and sales decisions in response to price changes.		
10 SS E 3.12.4	Functioning of Markets	Discuss the effects of price controls (price ceilings and price floors) (e.g., minimum wage, rent control).		
10 SS E 3.12.5	Functioning of Markets	Use supply and demand to explain how interest rates are determined.		
10 SS E 3.12.6	Functioning of Markets	Analyze and predict instances in which people pay high and low interest rates (e.g., car loans and credit cards).		
10 SS E 3.12.7	Functioning of Markets	Analyze family spending decisions, drawing conclusions about the desirability of making substitutions, given the relative prices of various substitutes.		
10 SS E 4.12.1	Private US Economic Institutions	Analyze the roles of financial institutions in creating credit.		
10 SS E 4.12.2	Private US Economic Institutions	Discuss how labor unions affect employees and employers.		
10 SS E 4.12.3	Private US Economic Institutions	Identify current or historical mergers, buyouts, and acquisitions.		
10 SS E 4.12.4	Private US Economic Institutions	Explain how the services of not-for-profit organizations impact other economic institutions.		
10 SS E 4.12.5	Private US Economic Institutions	Compare and contrast the services offered by financial institutions, evaluating their usefulness to borrowers and lenders.		
10 SS E 4.12.6	Private US Economic Institutions	Compare and contrast careers associated with financial institutions, labor unions, for-profit business organizations, and not-for-profit organizations.		
10 SS E 5.12.1	Mondy	Explain the three functions of money: medium of exchange, store of value, unit of account.		
10 SS E 5.12.2	Mondy	Explain why the money supply increases when banks make loans.		
10 SS E 5.12.3	Mondy	Explain how the Federal Reserve influences bank loan activity using the reserve requirement, discount rate, and open market operations.		
10 SS E 5.12.4	Mondy	Describe the nation's current money supply measures, including M1 and M2.		
10 SS E 5.12.5	Mondy	Explain what a credit rating is and how it affects access to money.		
10 SS E 6.12.1	US Economy as a Whole	Compare the benefits and costs of allocating resources through markets or government.		
10 SS E 6.12.2	US Economy as a Whole	Discuss how an economy determines what goods and services will be produced, how they will be produced, and who will receive them.		
10 SS E 6.12.3	US Economy as a Whole	Analyze the potential production of goods and services for a nation as determined by its resources and technology.		
10 SS E 6.12.4	US Economy as a Whole	Use the multiplier concept to explain why an initial change in spending (by consumers, firms, or governments) can result in a larger change in national income.		
10 SS E 6.12.5	US Economy as a Whole	Make connections between the nation's unemployment rate and changes in seasons, changes in an industry, and changes in demographics.		
10 SS E 6.12.6	US Economy as a Whole	Explain how and why changes in product demand can affect the price of the product, which in turn can affect the wages paid to a worker.		
10 SS E 6.12.7	US Economy as a Whole	Assess the attractiveness of career paths of interest and how they might be affected by changes in the national economy.		
10 SS E 7.12.1	Evolving Economy	Describe the past, present, and future role of investment in enhancing economic growth and raising living standards.		
10 SS E 7.12.2	Evolving Economy	Identify the benefits and the costs of investing in new physical capital and human capital.		
10 SS E 7.12.3	Evolving Economy	Examine government's impact on investment through taxes, fees, government regulation, enterprise zones, and subsidies.		
10 SS E 7.12.4	Evolving Economy	Discuss how entrepreneurs affect the economy by solving problems, taking risks, and taking advantage of opportunities to earn profits.		
10 SS E 7.12.5	Evolving Economy	Explain how individual self-interest, channeled through the marketplace, can increase the overall standard of living.		
10 SS E 7.12.6	Evolving Economy	Discuss the pros and cons of specialization and interdependence.		
10 SS E 7.12.7	Evolving Economy	Explain why top performers in any field are specialists.		
10 SS E 8.12.1	Role of Government in a Market Economy	Explain why government provides public goods rather than allowing the market to provide them.		
10 SS E 8.12.2	Role of Government in a Market Economy	Explain why government intervenes in markets in response to externalities.		
10 SS E 8.12.3	Role of Government in a Market Economy	Discuss whether redistributing income is an appropriate role of government.		
10 SS E 8.12.4	Role of Government in a Market Economy	Demonstrate an understanding that government must define, establish, and enforce property rights in order for markets to function.		
10 SS E 8.12.5	Role of Government in a Market Economy	Explain why it is possible that a government decision may impose costs on many, but only benefit a few.		
10 SS E 8.12.6	Role of Government in a Market Economy	Explain how fiscal policy affects production, employment, and price levels (e.g., the effects of changes in government spending and taxation).		
10 SS E 8.12.7	Role of Government in a Market Economy	Give examples of mandates that increase prices of goods and services in Nevada.		
10 SS E 9.12.1	International Economy	Analyze the pros and cons of foreign trade, comparing free trade with restricted trade.		
10 SS E 9.12.2	International Economy	Describe how foreign economic events can impact the U.S. economy.		

Identifier	Nevada - Grade 10 - Social Studies		Introduced	Completed
10 SS E 9.12.3	International Economy	Describe some characteristics of non-U.S. economies that affect international trade.		
10 SS E 9.12.4	International Economy	Determine how a change in exchange rates affects the ability of residents of one country to consume products from other countries.		
10 SS E 9.12.5	International Economy	Draw conclusions about how the prices of goods you purchase would change if imports were restricted.		
10 SS E 9.12.6	International Economy	Discuss how potential career paths could be affected by changes in foreign demand for U.S. products.		
10 SS G	**GEOGRAPHY**			
10 SS GS.12.1	Geographic Skills	Plan and organize a geographic research project by asking appropriate geographic questions.		
10 SS GS.12.2	Geographic Skills	Locate and acquire a variety of primary and secondary information sources and assess the value of each.		
10 SS GS.12.3	Geographic Skills	Use a variety of tools and technologies to select and design appropriate forms of maps, graphs, diagrams, tables, or charts to organize geographic information.		
10 SS GS.12.4	Geographic Skills	Use quantitative methods of analysis to make inferences and draw conclusions from maps and other geographic representations.		
10 SS GS.12.5	Geographic Skills	Complete a geographic inquiry by applying geographic models, generalizations, and theories to the analysis, interpretation, and presentation of information.		
10 SS G 1.12.1	World in Spatial Terms	Use a variety of complex maps to acquire geographic information (e.g., topographic, population, and land use).		
10 SS G 1.12.2	World in Spatial Terms	Select appropriate maps, map projections, and other representations to analyze and interpret geographic information.		
10 SS G 1.12.3	World in Spatial Terms	Use appropriate geographic tools and technologies to analyze and interpret Earth's physical and human systems.		
10 SS G 1.12.4	World in Spatial Terms	Construct complex, accurate maps and models from memory to answer questions about the location of human and physical features.		
10 SS G 1.12.5	World in Spatial Terms	Analyze maps for similarities and differences in purpose, accuracy, content, and design.		
10 SS G 1.12.6	World in Spatial Terms	Apply concepts and models of spatial organization to make decisions about geographic information.		
10 SS G 2.12.1	Places and Regions	Determine how relationships between humans and the physical environment lead to the development of and connections among places and regions.		
10 SS G 2.12.2	Places and Regions	Explain why places and regions are important to cultural identity and can serve as forces for both unification and fragmentation.		
10 SS G 2.12.3	Places and Regions	Compare and contrast the characteristics of places and regions from different points of view.		
10 SS G 2.12.4	Places and Regions	Determine how technology affects the way cultural groups perceive and use places and regions.		
10 SS G 2.12.5	Places and Regions	Analyze selected historical issues and questions using the geographic concept of regions.		
10 SS G 2.12.6	Places and Regions	Analyze why places and regions once characterized by one set of criteria may be defined by a different set of criteria today, and evaluate these changes.		
10 SS G 2.12.7	Places and Regions	Apply the concept of region to organize and study a geographic issue.		
10 SS G 3.12.1	Physical Systems	Describe and analyze how interactions of the four basic physical systems (atmosphere, biosphere, lithosphere, and hydrosphere) affect different regions of the U.S. and the world.		
10 SS G 3.12.2	Physical Systems	Describe the causes and consequences of natural hazards that shape features and patterns on Earth.		
10 SS G 3.12.3	Physical Systems	Analyze the effects of physical and human forces on interdependence within ecosystems.		
10 SS G 3.12.4	Physical Systems	Analyze the biodiversity, distribution, and productivity of ecosystems across Earth's surface.		
10 SS G 3.12.5	Physical Systems	Propose solutions to environmental problems using the concept of ecosystems.		
10 SS G 4.12.1	Human Systems	Analyze demographic trends in world population.		
10 SS G 4.12.2	Human Systems	Evaluate the impact of migration and settlement on physical and human systems.		
10 SS G 4.12.3	Human Systems	Analyze how history has been affected by the movement of people, goods, and ideas.		
10 SS G 4.12.4	Human Systems	Compare the characteristics and patterns of migration and settlement in developing and developed countries.		
10 SS G 4.12.5	Human Systems	Analyze how location and distance connect and influence economic systems at local, national, and international levels.		
10 SS G 4.12.6	Human Systems	Analyze and evaluate international economic issues from a spatial perspective.		
10 SS G 4.12.7	Human Systems	Relate the level of economic development to the quality of life in developing and developed countries.		
10 SS G 4.12.8	Human Systems	Evaluate the changes that occur in the size and structure of cultural, political, and economic organizations.		
10 SS G 4.12.9	Human Systems	Analyze how different cultures, points of view, and self-interests influence conflict and cooperation over territory and resources.		
10 SS G 4.12.10	Human Systems	Describe the forces of conflict and cooperation as they affect the way the world is divided among independent nations.		
10 SS G 5.12.1	Environment and Society	Compare and contrast how changes in the physical environment can increase or diminish its capacity to support human activity.		
10 SS G 5.12.2	Environment and Society	Evaluate strategies to respond to constraints placed on human systems by the physical environment.		
10 SS G 5.12.3	Environment and Society	Describe the ways in which technology has affected the human capacity to modify the physical environment and evaluate the possible regional or global impact.		
10 SS G 5.12.4	Environment and Society	Develop possible responses to changes caused by human modification of the physical environment.		
10 SS G 5.12.5	Environment and Society	Analyze human perception of and response to natural hazards.		
10 SS G 5.12.6	Environment and Society	Analyze the patterns of use, the changing distribution, and the relative importance of Earth's resources.		
10 SS G 5.12.7	Environment and Society	Develop policies for the use and management of Earth's resources that consider the various interests involved.		
10 SS G 6.12.1	Geographic Applications	Analyze the ways in which physical features and human characteristics of places and regions have influenced the evolution of significant historical events.		
10 SS G 6.12.2	Geographic Applications	Relate current events to the physical features and human characteristics of places and regions.		
10 SS G 6.12.3	Geographic Applications	Evaluate a contemporary issue using geographic knowledge, skills, and perspectives.		
10 SS G 6.12.4	Geographic Applications	Predict possible outcomes and develop future policies for local or regional issues that have spatial dimensions.		
10 SS H	**HISTORY**			
10 SS H 1.12.1	Chronology	Analyze and develop a position on a current event.		
10 SS H 1.12.2	Chronology	Explain the sequence and relationship of events on tiered time lines.		
10 SS H 2.12.1	History Skills	Frame and evaluate historical questions from multiple viewpoints.		
10 SS H 2.12.2	History Skills	Integrate, analyze, and organize historical information from a variety of sources.		

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10 SS H 2.12.3	History Skills	Analyze and interpret historical content from informational tools, including charts, diagrams, graphs, maps, political cartoons, photographs, and tables.		
10 SS H 3.12.1	Prehistory to 400 CE	Identify and describe the characteristics of preagricultural societies.		
10 SS H 3.12.2	Prehistory to 400 CE	Describe technological innovations of early agricultural societies, including development of agriculture, domestication of animals, and development of permanent communities.		
10 SS H 3.12.3	Prehistory to 400 CE	Explain and demonstrate how geography influenced the political, social, and economic growth of ancient classical civilizations, including Africa, China, Greece, India, Mesopotamia, and Rome.		
10 SS H 3.12.4	Prehistory to 400 CE	Describe the unique political, economic, religious, social, technological, and cultural contributions of ancient and classical civilizations, including Africa, the Americas, China, Greece, Hebrew kingdoms, India, Mesopotamia, Phoenicia, and Rome.		
10 SS H 4.12.1	1 CE to 1400	Locate and describe civilizations in terms of geography, social structure, religion, political systems, and contributions, including African, Byzantine, Chinese, Indian, Japanese, and Scandinavian.		
10 SS H 4.12.2	1 CE to 1400	Describe the characteristics of the Mayan, Aztec, and Incan civilizations, including contributions, geography, political systems, religion, and social structure.		
10 SS H 4.12.3	1 CE to 1400	Describe the origin, traditions, customs, and spread of western and eastern world religions, including Buddhism, Christianity, Hinduism, Islam, and Judaism.		
10 SS H 4.12.4	1 CE to 1400	Describe the characteristics of European feudalism.		
10 SS H 4.12.5	1 CE to 1400	Describe the rise of commercial trading centers and their effects on social, political, and economic institutions.		
10 SS H 5.12.1	1200 to 1750	Examine the impact of technological, mathematical, and artistic developments of the Renaissance.		
10 SS H 5.12.2	1200 to 1750	Explain the development of European hereditary monarchies and their effects on centralized government, commerce and trade, and religion.		
10 SS H 5.12.3	1200 to 1750	Explain the causes of the Reformation and its effects in Europe and the Americas.		
10 SS H 5.12.4	1200 to 1750	Identify the influence of the Enlightenment on the Western world, including fine arts, government, literature, philosophy, and science.		
10 SS H 5.12.6	1200 to 1750	Compare common elements of Native North American societies, including communication, economic systems, housing, political systems, social systems, and traditions.		
10 SS H 5.12.7	1200 to 1750	Explain the roles of nationalism, economics, and religious rivalries in the Age of Exploration.		
10 SS H 5.12.8	1200 to 1750	Analyze interactions among Native Americans, Europeans, and Africans.		
10 SS H 5.12.9	1200 to 1750	Analyze how the interactions among Native Americans, Africans, Europeans, and their descendants resulted in unique American economic, social, and political institutions.		
10 SS H 5.12.10	1200 to 1750	Describe the similarities and differences of European colonial communities in North America in terms of politics, religion, language, economics, and social customs.		
10 SS H 5.12.11	1200 to 1750	Compare and contrast life in the New England, Middle, and Southern colonies.		
10 SS H 5.12.12	1200 to 1750	Explain the impact of world commerce, including the African slave trade on Europe, Africa, and the Americas.		
10 SS H 5.12.13	1200 to 1750	Describe the contributions and social, political, and economic characteristics of African, Chinese, Indian, and Japanese civilizations.		
10 SS H 5.12.14	1200 to 1750	Describe how Islamic empires were a link between Africa, Europe, and Asia.		
10 SS H 6.12.1	1700 to 1865	Explain the causes and results of the Industrial Revolution.		
10 SS H 6.12.2	1700 to 1865	Describe the causes and effects of wars with Europeans, including the French and Indian War.		
10 SS H 6.12.3	1700 to 1865	Explain the political and economic causes and effects of the American Revolution.		
10 SS H 6.12.4	1700 to 1865	Describe the ideas of John Locke, Thomas Paine, and Thomas Jefferson and their influences on the American Revolution and the formation of the United States.		
10 SS H 6.12.5	1700 to 1865	Describe the events, course, and results of the American Revolutionary War, including the contributions of African Americans and Native Americans.		
10 SS H 6.12.6	1700 to 1865	Explain the issues of the Confederation period, including war debts and finance, western land, trade, and taxation.		
10 SS H 6.12.7	1700 to 1865	Describe the Constitution's underlying principles, including checks and balances, federalism, limited government, popular sovereignty, and separation of powers.		
10 SS H 6.12.8	1700 to 1865	Describe the issues involved in the ratification of the Constitution, including main ideas of the Federalist Papers, main ideas of the Anti-Federalists, and the Bill of Rights.		
10 SS H 6.12.9	1700 to 1865	Describe the influence of the American Revolution on Europe and the Americas.		
10 SS H 6.12.10	1700 to 1865	Discuss the political events, people, and ideas that influenced European politics, including Napoleon, Metternich, Marx, and Congress of Vienna.		
10 SS H 6.12.11	1700 to 1865	Describe achievements in European fine arts and literature.		
10 SS H 6.12.12	1700 to 1865	Describe the rise of national economies, the emergence of capitalism, and the free market economy.		
10 SS H 6.12.13	1700 to 1865	Explain issues, events, and the roles of key people related to the development of United States political institutions, including Washington's administration, the Marshall Court, judicial review, extension of suffrage, and political parties.		
10 SS H 6.12.14	1700 to 1865	Explain issues, events, and the roles of key individuals associated with the development of a national economic identity and foreign policy, including development of the factory system and impacts of significant inventions such as the cotton gin and interchangeable parts; territorial, trade, and shipping issues with Great Britain; War of 1812; the creation of a national transportation system; Monroe Doctrine; and growth and impact of immigration.		
10 SS H 6.12.15	1700 to 1865	Describe the social reform and religious movements of antebellum United States which attempted to enhance life, including education reform, prison and mental health reform, religious revival, Utopian movement, and women's rights.		
10 SS H 6.12.16	1700 to 1865	Describe the contributions in language, literature, art, and music that led to the development of an emerging culture in the United States, including Stephen Foster, Nathaniel Hawthorne, Hudson River School of Art, and Henry David Thoreau.		
10 SS H 6.12.17	1700 to 1865	Explain the issue of Manifest Destiny and the events related to the expansion of the United States, including Louisiana Purchase, removal of the Eastern tribes, Oregon and California Trails, Mexican War and Mexican War acquisitions, California gold rush, and Homestead Act.		
10 SS H 6.12.20	1700 to 1865	Explain abolitionism and describe the importance of abolitionists and slave revolts, including John Brown, Frederick Douglass, William Lloyd Garrison, Harriet Beecher Stowe, and Nat Turner.		
10 SS H 6.12.21	1700 to 1865	Describe the causes, key people, events, and outcome of the Civil War, including states' rights and slavery; election of 1860; Frederick Douglass/African American troops; President Lincoln; Emancipation Proclamation; Antietam, Vicksburg, and Gettysburg; Gettysburg Address; and Generals Grant and Lee.		
10 SS H 7.12.1	1860 to 1920	Summarize the successes and failures of the Reconstruction period.		

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10 SS H 7.12.2	1860 to 1920	Describe the key people and significant issues concerning African American rights, including Booker T. Washington and the Tuskegee Institute, Black Codes and Jim Crow Laws, Plessy v. Ferguson, W.E.B. DuBois and the NAACP, and Ida B. Wells and the NACW.		
10 SS H 7.12.3	1860 to 1920	Describe federal policy toward Native Americans including Dawes Act/Indian Reorganization Act of 1934, Indian Boarding Schools, Indian Citizenship Act of 1924, Plains Wars, and reservation system.		
10 SS H 7.12.5	1860 to 1920	Describe the role of farming, railroads, and mining in the settlement of the West.		
10 SS H 7.12.6	1860 to 1920	Describe the causes, issues, and effects of the Populist Movement.		
10 SS H 7.12.7	1860 to 1920	Describe the effect of industrial technology innovations and urbanization on United States social and economic development.		
10 SS H 7.12.8	1860 to 1920	Describe the development of corporate capitalism, including J.P. Morgan, mass production, and vertical and horizontal integration/consolidation.		
10 SS H 7.12.9	1860 to 1920	Explain the motivations for groups coming to the United States and describe their contributions to United States society.		
10 SS H 7.12.10	1860 to 1920	Describe nativism and explain the response to immigration into the United States.		
10 SS H 7.12.11	1860 to 1920	Explain the origins and issues involved in the labor movement.		
10 SS H 7.12.12	1860 to 1920	Describe the development and impact of the Progressive Movement, including government reform, Prohibition, and "trust busting."		
10 SS H 7.12.13	1860 to 1920	Describe the development of the women's suffrage movement and the passage of the 19th Amendment.		
10 SS H 7.12.14	1860 to 1920	Discuss the causes, characteristics, and consequences of United States expansion and diplomacy, including Alaska, Hawaii, Open Door Policy, Spanish-American War, Panama Canal, T. Roosevelt's foreign policy, and Dollar Diplomacy.		
10 SS H 7.12.15	1860 to 1920	Explain the causes and effects of the Mexican Revolution of 1911.		
10 SS H 7.12.16	1860 to 1920	Discuss the causes, characteristics, and consequences of European and Japanese expansion.		
10 SS H 7.12.17	1860 to 1920	Describe the causes, course, character, and effects of World War I, including imperialism, arms race and alliances, nationalism, weapons/tactics, Fourteen Points, and Treaty of Versailles.		
10 SS H 7.12.18	1860 to 1920	Describe the causes and effects of the Russian Revolution, including Romanovs, Lenin, Bolsheviks, and Russian Civil War.		
10 SS H 7.12.20	1860 to 1920	Explain how fine arts, literature, and leisure activities were a reflection of the time.		
10 SS H 8.12.1	1920 to 1945	Describe the rise of totalitarian societies in Europe, Asia, and Latin America.		
10 SS H 8.12.2	1920 to 1945	Discuss the effects on society of new technologies of this era, including communication, transportation, and manufacturing.		
10 SS H 8.12.3	1920 to 1945	Describe social tensions in the postwar era, including radical politics, immigration restrictions, religious fundamentalism, and racism.		
10 SS H 8.12.4	1920 to 1945	Describe how cultural developments in the arts, education, media, and leisure activities reflected and changed United States society.		
10 SS H 8.12.5	1920 to 1945	Describe the causes of the Great Depression and the policies and programs of the New Deal and their effects on social, political, economic, and diplomatic institutions.		
10 SS H 8.12.6	1920 to 1945	Describe the causes, course, character, and effects of World War II, including legacy of World War I; campaigns and strategies; atomic bomb; significant military, political, and scientific leaders; the Big Four; United Nations; United States changing world status; and war crimes trials.		
10 SS H 8.12.7	1920 to 1945	Describe the causes, course, and effects of the Holocaust, including "Aryan supremacy," Nuremburg Laws, Kristallnacht, "Final Solution," concentration and death camps, and creation of Israel.		
10 SS H 8.12.8	1920 to 1945	Explain the effects of World War II on the home front in the United States, including internment camps, technologies, economic developments, propaganda, women/minority contributions, and GI Bill.		
10 SS H 9.12.1	1945 to 1990	Describe the causes and effects of the Cold War, including Europe (Marshall Plan, Berlin, and NATO), Middle East (Egypt, Israel, and Afghanistan), Asia (Japan, China, Korea, and Vietnam), and the Americas (Cuba and the United States).		
10 SS H 9.12.2	1945 to 1990	Describe the effects of the Cold War on the United States, including arms race and nuclear testing, McCarthyism, space race, and Cuban Missile Crisis.		
10 SS H 9.12.3	1945 to 1990	Describe the cause, course, and character of the Korean War, including United Nations Security Council, Pusan Perimeter, General MacArthur, Inchon, Yalu River, and 38th Parallel.		
10 SS H 9.12.4	1945 to 1990	Explain how and why African and Asian peoples achieved independence from colonial rule.		
10 SS H 9.12.5	1945 to 1990	Analyze how postwar science and technology augmented United States economic strength, transformed daily life, and influenced the world economy and politics.		
10 SS H 9.12.6	1945 to 1990	Describe the causes and effects of changing demographics and developing suburbanization in the United States.		
10 SS H 9.12.8	1945 to 1990	Describe the major issues, events, and key people of the Civil Rights and minority rights movements, including Black Power Movement, United Farm Workers, American Indian Movement, Viva La Raza, Women's Rights Movement, Americans with Disabilities Act, and Civil Rights Act of 1964.		
10 SS H 9.12.9	1945 to 1990	Describe the causes, course, character, and effects of the Vietnam War, including Ho Chi Minh, Dien Bien Phu, Ngo Dinh Diem, Gulf of Tonkin Resolution, draft and lottery, Tet Offensive, antiwar movement, Paris Peace Accord, and POWs and MIAs.		
10 SS H 9.12.10	1945 to 1990	Describe the changes in United States political culture, including the role of the media, the role of women and minorities, Watergate, Iranian hostage crisis, Iran-Contra affair, and Grenada and Panama.		
10 SS H 9.12.11	1945 to 1990	Describe how international policies contributed to the end of the Cold War, including recognition of China, détente, disarmament treaties, "Star Wars," solidarity, and glasnost.		
10 SS H 9.12.12	1945 to 1990	Describe the geopolitical changes in the world due to the disintegration of the USSR.		
10 SS H 9.12.14	1945 to 1990	Summarize the influence of art, music, literature, and the media on United States society.		
10 SS H 10.12.1	1990 to Present	Identify and explain the implications of scientific and technological achievements, including personal computers, Internet, satellites, and biotechnology.		
10 SS H 10.12.2	1990 to Present	Describe the regional and global effects of political and economic alliances.		
10 SS H 10.12.3	1990 to Present	Describe how global issues affect nations differently, including human rights, the environment, world and U.S. regional conflicts, and medical concerns.		
10 SS H 10.12.4	1990 to Present	Explain the causes and effects of the Persian Gulf War, including Kuwait invasion, world oil supply, and changing alliances.		
10 SS H 10.12.5	1990 to Present	Describe the changing political climate in the United States, including: the role of the media, and the Clinton impeachment.		
10 SS H 10.12.6	1990 to Present	Explain how literature, music, and the visual arts are reflections of the time.		

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10S1	**CIVICS**		
10S1.1	Describe the historic influences on early US documents, such as: Greek law, Magna Carta, Iroquois League		
10S1.2	Explain the importance of the jury process in a democratic society		
10S1.3	Describe the jurisdiction of the federal court system and the power of judicial review		
10S1.4	Provide contemporary examples of federalism		
10S1.5	Identify the influence of the media in forming public opinion		
10S1.6	Evaluate the significance of interest groups in the political process of a democratic society		
10S1.7	Describe the development of the Bill of Rights and provide a contemporary application		
10S1.8	Identify major conflicts in social, political, and economic life and analyze the role of compromise in the resolution of these issues		
10S1.9	Describe the differences between the local, state, and federal court systems		
10S1.10	Define and analyze the major economic systems of the world, including: capitalism, mixed economy, socialism, command economy		
10S1.11	Critique the role of international organizations, such as the United Nations and non-governmental organizations, in world affairs		
10S2	**ECONOMICS**		
10S2.1	Explain why choices and their costs may differ across individuals and societies		
10S2.2	Explain the difference between nominal Gross Domestic Product and real Gross Domestic Product		
10S2.3	Use various price indices to determine how the prices of different types of goods and services have changed		
10S2.4	Using a price index to measure inflation, identify when the US economy has experienced high and low rates of inflation and discuss their effects		
10S2.5	Use supply and demand to explain how interest rates are determined		
10S2.6	Explain the advantages and disadvantages of each of the three primary forms of business organizations: sole proprietorship, partnership, and corporation		
10S2.7	Describe the nation's current money supply measures		
10S2.8	Discuss how an economy determines what goods and services will be produced, how they will be produced, and who will receive them		
10S2.9	Explain how and why changes in product demand can affect the price of the product, which in turn can affect the wages paid to a worker		
10S2.10	Describe the past, present, and future role of investment in enhancing economic growth and raising living standards		
10S2.11	Explain how individual self-interest, channeled through the marketplace, can increase the overall standard of living		
10S2.12	Explain why government provides public goods rather than allowing the market to provide them		
10S2.13	Explain why it is possible that a government decision may impose costs on many, but only benefit a few		
10S2.14	Describe how foreign economic events can impact the US economy		
10S3	**GEOGRAPHY**		
10S3.1	Locate and acquire a variety of primary and secondary information sources and assess the value of each		
10S3.2	Use a variety of complex maps to acquire geographic information (e.g., topographic, population, and land use)		
10S3.3	Apply concepts and models of spatial organization to make decisions about geographic information		
10S3.4	Explain why places and regions are important to cultural identity and can serve as forces for both unification and fragmentation		
10S3.5	Determine how technology affects the way cultural groups perceive and use places and regions		
10S3.6	Describe the causes and consequences of natural hazards that shape features and patterns on the Earth		
10S3.7	Analyze demographic trends in world population		
10S3.8	Analyze and evaluate international economic issues from a spatial perspective		
10S3.9	Analyze how different cultures, points of view, and self interests influence conflict and cooperation over territory and resources		
10S3.10	Describe the ways in which technology has affected the human capacity to modify the physical environment and evaluate the possible regional or global impact		
10S3.11	Develop possible responses to changes caused by human modification of the physical environment		
10S3.12	Relate current events to the physical features and human characteristics of places and regions		
10S4	**HISTORY**		
10S4.1	Explain the sequence and relationship of events on a tiered time line		
10S4.2	Analyze and interpret historical content from informational tools, including: charts, diagrams, graphs, maps, political cartoons, photographs, tables		
10S4.3	Identify and describe the characteristics of pre-agricultural societies		
10S4.4	Describe the characteristics of European feudalism		
10S4.5	Explain the development of European hereditary monarchies and their effects on: centralized government, commerce and trade, religion		
10S4.6	Explain the roles of nationalism, economics, and religious rivalries in the Age of Exploration		
10S4.7	Compare common elements of Native North American societies, including: communication, economic systems, housing, political systems, social systems, traditions		
10S4.8	Describe the contributions and social, political, and economic characteristics of African, Chinese, Indian, and Japanese civilizations		

Identifier	**Lander - Grade 10 - Social Studies**	Introduced	Completed
10S4.9	Describe the ideas of John Locke, Thomas Paine, and Thomas Jefferson and their influences on the American Revolution and the formation of the United States		
10S4.10	Explain the causes and results of the Industrial Revolution		
10S4.11	Describe the Constitution's underlying principles, including: checks and balances, federalism, limited government, popular sovereignty, separation of powers		
10S4.12	Describe achievements in European fine arts and literature		
10S4.13	Describe the social reform and religious movements of antebellum United States which attempted to enhance life, including: education reform, prison and mental health reform, religious revival, Utopian movement, women's rights		
10S4.14	Explain abolitionism and describe the importance of abolitionists and slave revolts, including: John Brown, Frederick Douglass, William Lloyd Garrison, Harriet Beecher Stowe, Nat Turner		
10S4.15	Describe federal policy toward Native Americans including: Dowes Act/Indian Reorganization Act of 1934, Indian Boarding Schools, Indian Citizenship Act of 1924, Plains Wars, reservation system		
10S4.16	Describe the causes, issues, and effects of the Populist Movement		
10S4.17	Describe the development of corporate capitalism, including: J.P. Morgan, mass production, vertical and horizontal integration/consolidation		
10S4.18	Explain the origins and issues involved in the labor movement		
10S4.19	Discuss the causes, characteristics, and consequences of European and Japanese expansion		
10S4.20	Describe the rise of totalitarian societies in Europe, Asia, and Latin America		
10S4.21	Describe how cultural developments in the arts, education, media, and leisure activities reflected and changed United States society		
10S4.22	Describe the cause, course, and character of the Korean War, including: United Nations Security Council, Pusan Perimeter, General MacArthur, Inchon, Yalu River, 38th Parallel		
10S4.23	Explain how and why African and Asian people achieved independence from colonial rule		
10S4.24	Describe the major issues, events, and key people of the Civil Rights and minority rights movements, including: Black Power Movement, United Farm Workers, American Indian Movement, Viva La Raza, Women's Rights Movement, Americans with Disabilities Act, Civil Rights Act of 1964		
10S4.25	Summarize the influence of art, music, literature, and the media on United States society		
10S4.26	Explain the causes and effects of the Persian Gulf War, including: Kuwait invasion, world oil supply, changing alliances		
10S4.27	Describe the changing political climate in the United States, including: the role of the media, the Clinton impeachment		

Identifier	Kamico - Grade 10 - Science	Introduced	Completed
	BIOLOGY AND INTEGRATED PHYSICS AND CHEMISTRY / SCIENTIFIC PROCESSES		
S 10.1.1A	Demonstrate safe practices during field and laboratory investigations.		
S 10.1.2A	Plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting equipment and technology.		
S 10.1.2B	Collect data and make measurements with precision.		
S 10.1.2C	Organize, analyze, evaluate, make inferences, and predict trends from data.		
S 10.1.2D	Communicate valid conclusions.		
	INTEGRATED PHYSICS AND CHEMISTRY / SCIENTIFIC PROCESSES		
S 10.1.3A	Analyze and review scientific explanations, including hypotheses and theories, as to their strengths and weaknesses using scientific evidence and information.		
S 10.1.3B	Draw inferences based on data related to products and services.		
	BIOLOGY		
S 10.2.1A	Investigate and identify cellular processes including homeostasis, permeability, energy production, transportation of molecules, disposal of wastes, function of cellular parts, and synthesis of new molecules.		
S 10.2.2A	Describe components of deoxyribonucleic acid (DNA), and illustrate how information for specifying the traits of an organism is carried in the DNA.		
S 10.2.2B	Identify and illustrate how changes in DNA cause mutations.		
S 10.2.2C	Compare genetic variations observed in plants and animals.		
S 10.2.3A	Identify characteristics of kingdoms including monerans, protists, fungi, plants, and animals.		
S 10.2.4A	Interpret the functions of systems in organisms including circulatory, digestive, nervous, endocrine, reproductive, integumentary, skeletal, respiratory, muscular, excretory, and immune.		
S 10.3.1A	Compare the structures and functions of viruses to cells and describe the role of viruses in causing diseases and conditions such as acquired immune deficiency syndrome, common colds, smallpox, influenza, and warts.		
S 10.3.1B	Identify and describe the role of bacteria in maintaining health such as in digestion and in causing diseases such as in streptococcus infections and diphtheria.		
S 10.3.2A	Illustrate the results of natural selection in speciation, diversity, phylogeny, adaptation, behavior, and extinction.		
S 10.3.3A	Interpret interactions among organisms exhibiting predation, parasitism, commensalism, and mutualism.		
S 10.3.3B	Investigate and explain the interactions in an ecosystem including food chains, food webs, and food pyramids.		
S 10.3.4A	Evaluate the significance of structural and physiological adaptations of plants to their environments.		
	INTEGRATED PHYSICS AND CHEMISTRY		
S 10.4.1A	Investigate and identify properties of fluids including density, viscosity, and buoyancy.		
S 10.4.1B	Classify samples of matter from everyday life as being elements, compounds, or mixtures.		
S 10.4.2A	Distinguish between physical and chemical changes in matter such as oxidation, digestion, changes in states, and stages in the rock cycle.		
S 10.4.2B	Investigate and identify the law of conservation of mass.		
S 10.4.3A	Relate the structure of water to its function.		
S 10.4.3B	Demonstrate how various factors influence solubility including temperature, pressure, and nature of the solute and solvent.		
S 10.5.1A	Calculate speed, momentum, acceleration, work, and power in systems such as in the human body, moving toys, and machines.		
S 10.5.1B	Investigate and describe Newton's laws such as in vehicle restraints, sports activities, geological processes, and satellite orbits.		
S 10.5.2A	Demonstrate wave types and their characteristics through a variety of activities such as modeling with ropes and coils, activating tuning forks, and interpreting data on seismic waves.		
S 10.5.3A	Describe the law of conservation of energy.		
S 10.5.3B	Investigate and demonstrate the movement of heat through solids, liquids, and gases by convection, conduction, and radiation.		
S 10.5.3C	Investigate and compare series and parallel circuits.		

Identifier	Nevada - Grade 10 - Science		Introduced	Completed
10 S PS	**PHYSICAL SCIENCE**			
10 S PS 1.12.1	Forces amd Motion	Investigate and describe how changes in motion are based on the laws of motion.		
10 S PS 1.12.2	Forces amd Motion	Explain that the force of attraction that exists between two masses is inversely proportional to the square of the distance between them.		
10 S PS 1.12.3	Forces amd Motion	Investigate and describe that the usefulness of a simple machine such as a wheel or axle is based on its function, mechanical advantage, and efficiency.		
10 S PS 1.12.4	Forces amd Motion	Investigate and describe the relationship that exists between force, pressure, and area in general, and between pressure and depth in liquids.		
10 S PS 1.12.5	Forces amd Motion	Investigate and explain that magnetic forces are related to electric forces and can be thought of as different aspects of a single electromagnetic force (e.g., electric motors, generators, radios).		
10 S PS 2.12.1	Structure and Properties of Matter	Investigate and describe intrinsic (color, odor, density) and extrinsic (e.g., size, mass, volume) physical properties of matter.		
10 S PS 2.12.2	Structure and Properties of Matter	Explain that substances can be identified on the basis of specific energies given off or taken in by that substance.		
10 S PS 2.12.3	Structure and Properties of Matter	Explain how atoms may bond with one another by transferring or sharing electrons that are farthest from the nucleus.		
10 S PS 2.12.4	Structure and Properties of Matter	Explain that the electromagnetic force between the nucleus and electrons holds the atom together.		
10 S PS 2.12.5	Structure and Properties of Matter	Explain the properties of phases of matter in terms of the kinetic molecular theory and forces of attraction between particles.		
10 S PS 2.12.6	Structure and Properties of Matter	Explain that carbon atoms can bond to one another to form a large variety of structures, including the molecules essential to life.		
10 S PS 3.12.1	Energy and Matter - Interactions and Forms	Explain that the transformation of energy usually results in some energy in the form of heat, which spreads by radiation, conduction, and sometimes convection into cooler places.		
10 S PS 3.12.2	Energy and Matter - Interactions and Forms	Investigate and describe how pressure may affect changes of state.		
10 S PS 3.12.3	Energy and Matter - Interactions and Forms	Investigate and describe how waves can superimpose on one another, bend around corners, reflect off surfaces, be absorbed by materials they enter, and change direction when entering a new material.		
10 S PS 3.12.4	Energy and Matter - Interactions and Forms	Describe the properties of electrical circuits in terms of moving electrons, conductivity, resistance, and electrical potential energy.		
10 S PS 3.12.5	Energy and Matter - Interactions and Forms	Investigate and describe how matter and energy may be changed and energy can be transferred in many ways, but the entire mass-energy budget of the universe remains constant.		
10 S PS 3.12.6	Energy and Matter - Interactions and Forms	Investigate and describe how systems tend to become less ordered over time.		
10 S PS 4.12.1	Chemical Reaction	Investigate and describe how, in chemical reactions, elements combine in predictable ratios, and the numbers of atoms of each element do not change.		
10 S PS 4.12.2	Chemical Reaction	Investigate and describe how chemical reaction rates depend on conditions in the reacting system, the properties of reacting materials, and the presence of certain rate-regulating chemicals.		
10 S PS 4.12.3	Chemical Reaction	Investigate and describe how chemical reactions may release or consume energy.		
10 S PS 4.12.4	Chemical Reaction	Relate the chemical properties of an element to the outermost electrons of an element.		
10 S PS 5.12.1	Nuclear Energy and Electromagnetic Energy	Predict how light interacts with matter (e.g., reflection and refraction).		
10 S PS 5.12.2	Nuclear Energy and Electromagnetic Energy	Simulate how the predictable rates of nuclear reactions can be used to estimate the age of some materials.		
10 S PS 5.12.3	Nuclear Energy and Electromagnetic Energy	Describe the different disposal techniques used for high and low level nuclear wastes.		
10 S PS 5.12.4	Nuclear Energy and Electromagnetic Energy	Describe electromagnetic waves including a wide range of forms and varying wavelengths.		
10 S PS 5.12.5	Nuclear Energy and Electromagnetic Energy	Explain how the forces that hold the nucleus of an atom together are usually stronger than other forces that could make the nucleus fly apart.		
10 S PS 5.12.6	Nuclear Energy and Electromagnetic Energy	Explain how energy is released when the nuclei of very heavy atoms (e.g., uranium or plutonium) split into middleweight ones, or when very light nuclei (e.g., hydrogen and helium) combine into heavier ones.		
10 S LS	**LIFE SCIENCE**			
10 S LS 6.12.1	Structure and Function	Explain how disease disrupts the equilibrium that exists in a healthy organism.		
10 S LS 6.12.2	Structure and Function	Explain how the human body has a specialized anatomy and physiology composed of an hierarchical arrangement of differentiated cells.		
10 S LS 6.12.3	Structure and Function	Investigate and describe how food molecules are broken down through a series of chemical reactions to provide energy and the material to make new molecules.		
10 S LS 6.12.4	Structure and Function	Investigate and describe how every cell is covered by a cell membrane and most cells also have specialized parts for the transport of materials, energy, transfer, protein building, waste disposal, information feedback, and movement.		
10 S LS 6.12.5	Structure and Function	In photosynthesis, plants and many microorganisms use solar energy to combine molecules of carbon dioxide and water to form energy rich compounds and oxygen.		

Identifier	Nevada - Grade 10 - Science		Introduced	Completed
10 S LS 7.12.1	Internal and External Influences on Organisms	Investigate and describe how some broad patterns of behavior exhibited by animals have evolved to ensure survival of the species.		
10 S LS 7.12.2	Internal and External Influences on Organisms	Investigate and describe how plant and animals have mechanisms that allow them to respond to changes in their environment.		
10 S LS 7.12.3	Internal and External Influences on Organisms	Investigate and describe how multicellular animals have nervous systems that receive input through sensory organs and generate behavioral responses.		
10 S LS 7.12.4	Internal and External Influences on Organisms	Explain how certain viral diseases make the body vulnerable to multiple infectious agents and cancerous cells by destroying critical cells of the immune system.		
10 S LS 8.12.1	Heredity and Diversity	Explain how all body cells in an organism are developed from a single cell and contain essentially identical genetic instructions. Explain how different parts of the instruction are used in different kinds of cells.		
10 S LS 8.12.2	Heredity and Diversity	Explain how relatedness among organisms can be estimated from the similarity of their DNA sequences.		
10 S LS 8.12.3	Heredity and Diversity	Investigate and describe how sorting and recombination of genes in sexual reproduction results in a great variety of possible gene combinations.		
10 S LS 8.12.4	Heredity and Diversity	Explain how genetic information from parents is encoded in DNA molecules and provides instruction for assembling protein molecules.		
10 S LS 8.12.5	Heredity and Diversity	Investigate and describe how patterns of inheritance are described by laws of segregation and independent assortment.		
10 S LS 8.12.6	Heredity and Diversity	Explain how diversity of species and variation among organisms within a species increase the chances for survival of life when large changes occur in the environment.		
10 S LS 8.12.7	Heredity and Diversity	Explain how gene mutations may be caused by a variety of influences, when mutations occur in sex cells, they can be passed on to offspring.		
10 S LS 9.12.1	Evolution - The Process of Biological Change	Investigate and describe the basic idea of the theory of biological evolution is that through genetic and/or environmental influences Earth's present-day species developed from earlier, distinctly different, but common ancestors.		
10 S LS 9.12.2	Evolution - The Process of Biological Change	Explain the fossil record of ancient life forms by applying the idea of natural selection and its evolutionary consequences.		
10 S LS 9.12.3	Evolution - The Process of Biological Change	Simulate and explain how the adaptation of a species can occur over many generations because of the unique characteristics that favor those individuals in an environment.		
10 S LS 9.12.4	Evolution - The Process of Biological Change	Explain how the classification of species is based on similarities (e.g., structural, genetic, molecular) which indicate evolutionary relationships.		
10 S LS 9.12.5	Evolution - The Process of Biological Change	Explain how the extinction of species is a common occurrence and fossil records indicate that most species that have lived on Earth no longer exist.		
10 S LS 9.12.6	Evolution - The Process of Biological Change	Investigate and describe how the process of evolution is driven by genetic and environmental influences.		
10 S LS 9.12.7	Evolution - The Process of Biological Change	Explain how there is evidence that at least a billion years ago, cells with nuclei existed allowing the evolution of increasingly complex multicellular organisms.		
10 S ESS	**EARTH AND SPACE SCIENCES**			
10 S ESS 10.12.1	Earth Structures and Composition	Investigate and describe how rocks and minerals have different characteristics that reflect their origins and use.		
10 S ESS 10.12.2	Earth Structures and Composition	Investigate and describe how landforms are the result of a combination of constructive and destructive forces resulting from weathering, erosion, and the movement of lithosphere plates.		
10 S ESS 10.12.3	Earth Structures and Composition	Explain how there is a relationship between the relative densities and states (phases) of Earth materials and the layering on, in, and above Earth.		
10 S ESS 10.12.4	Earth Structures and Composition	Investigate and describe how soil is derived from weathered rocks and decomposed organic material, and is found in layers.		
10 S ESS 10.12.5	Earth Structures and Composition	Explain how the composition of Earth's atmosphere has changed in the past and continues to change.		
10 S ESS 10.12.6	Earth Structures and Composition	Compare and contrast the geologic features of Nevada and local geological features.		
10 S ESS 11.12.3	Earth Models	Investigate, design, and use contour maps.		
10 S ESS 11.12.4	Earth Models	Define location on Earth in terms of latitude, longitude, and time zones.		
10 S ESS 12.12.1	Earth History	Explain how catastrophic events have occurred and greatly influenced Earth's history.		
10 S ESS 12.12.2	Earth History	Simulate and explain how relative geologic time can be estimated by observing rock sequences and using fossils to correlate the sequences at various locations.		
10 S ESS 12.12.3	Earth History	Compare and contrast the variety of methods by which geologic time is determined, including radioactive dating.		
10 S ESS 13.12.1	Cycles of Matter and Energy	Explain how Earth systems have two major internal sources of energy (decay of radioactive isotopes and the gravitational energy from Earth's original formation) and one major external sources (the sun), all of which create heat.		
10 S ESS 13.12.2	Cycles of Matter and Energy	Explain how uneven heating of Earth's surface by the sun forms convection currents within the atmosphere and ocean, producing wind and ocean currents that are modified by Earth's rotation.		
10 S ESS 13.12.3	Cycles of Matter and Energy	Investigate and describe how water is a solvent (e.g., how it dissolves minerals and gases as it passes through the water cycle and carries them to oceans and lakes).		
10 S ESS 13.12.4	Cycles of Matter and Energy	Simulate and describe how global climate is determined primarily by energy transfer from the sun at and near Earth's surface, and fluctuations in solar output may have contributed to large changes in Earth's climate in the past.		

Identifier	Nevada - Grade 10 - Science		Introduced	Completed
10 S ESS 13.12.5	Cycles of Matter and Energy	Explain how large-scale, long-term equilibrium can accommodate small-scale changes.		
10 S ESS 13.12.6	Cycles of Matter and Energy	Investigate and describe how elements necessary for life on Earth pass through both living and nonliving cycles in a series of changes that form a global system.		
10 S ESS 13.12.7	Cycles of Matter and Energy	Compare and contrast the relationships between the greenhouse effect and the idea of global warming.		
10 S ESS 13.12.8	Cycles of Matter and Energy	Model and explain how the energy that propels Earth's lithosphere plates is dominantly a result of nuclear processes deep in Earth.		
10 S ESS 14.12.1	Solar System and Universe	Investigate and describe how Earth's atmosphere, water, temperature, and composition compare with conditions on other planets.		
10 S ESS 14.12.2	Solar System and Universe	Explain how most objects in the solar system are in regular and predictable motion which explains such phenomena as the day, the year, phases of the moon, and eclipses.		
10 S ESS 14.12.3	Solar System and Universe	Explain how stars produce energy and elements heavier than hydrogen from nuclear reactions.		
10 S ESS 14.12.4	Solar System and Universe	Explain that on the basis of scientific evidence, the universe is estimated to be about ten billion years old.		
10 S ESS 14.12.5	Solar System and Universe	Describe how increasingly sophisticated technology (e.g., mathematical models and computer simulations) is used to learn about the universe.		
10 S ESS 14.12.6	Solar System and Universe	Explain that the physical laws, such as laws of Newton, Kepler, thermodynamics, relativity, and quantum physics, appear to apply to all bodies in the universe.		
10 S ES	**ENVIRONMENTAL SCIENCES**			
10 S ES 15.12.1	Ecosystems	Investigate and describe how changes in an ecosystem can affect biodiversity and biodiversity contributes to an ecosystem's stability.		
10 S ES 15.12.2	Ecosystems	Investigate and describe how ecosystems change or remain the same in response to different kinds of influences.		
10 S ES 15.12.3	Ecosystems	Investigate and describe how materials and energy are cycled and recycled through ecosystems via pathways known as food webs.		
10 S ES 15.12.4	Ecosystems	Describe the unique geologic, hydrologic, climatic, and biological characteristics of Nevada's bioregions. (e.g., Northern NV cold desert, Southern low warm desert, Mountain).		
10 S ES 16.12.1	Natural Resources	Evaluate the consequences of changing patterns of resources use.		
10 S ES 16.12.2	Natural Resources	Investigate and describe the various processes involved in obtaining, using, and recycling materials such as wood products, minerals, food, and manufactured objects.		
10 S ES 16.12.3	Natural Resources	Investigate and describe the career opportunities associated with the study, exploration, extraction, utilization, protection, and restoration of natural resources.		
10 S ES 16.12.4	Natural Resources	Analyze and describe the limitations of the Earth's ability to respond to stresses produced by human or natural activities.		
10 S ES 16.12.5	Natural Resources	Analyze and evaluate the effects that increases in human populations can cause (e.g., resource depletion and environmental degradation).		
10 S ES 17.12.1	Conservation	Analyze and evaluate how consumption patterns, conservation efforts, and cultural or social practices in countries have varying environmental impacts.		
10 S ES 17.12.2	Conservation	Investigate and describe how human actions may impact the dynamic equilibrium of global systems (e.g., global warming, ozone depletion).		
10 S ES 17.12.3	Conservation	Explain that there is scientific uncertainty regarding many environmental issues.		
10 S ES 17.12.4	Conservation	Evaluate and describe actions which affect the global environment in terms of trade-offs that may have effects on local environments or economics.		
10 S NHS	**THE NATURE AND HISTORY OF SCIENCE**			
10 S NHS 18.12.1	Scientific, Historical and Technological Perspectives	Explain that the scientific way of knowing uses a critique and consensus process (e.g., peer review, openness to criticism, logical argument, skepticism).		
10 S NHS 18.12.2	Scientific, Historical and Technological Perspectives	Investigate and explain how research emphasis is influenced by economic and public policy.		
10 S NHS 18.12.3	Scientific, Historical and Technological Perspectives	Investigate and explain how scientific innovations that were originally challenged are now widely accepted.		
10 S NHS 18.12.4	Scientific, Historical and Technological Perspectives	Explain that scientists work with others to resolve differences in interpretation of observations.		
10 S NHS 18.12.5	Scientific, Historical and Technological Perspectives	Explain that technological problems create a demand for new scientific knowledge and new technologies which make it possible for scientists to extend their research in new ways or to undertake entirely new lines of research.		
10 S NHS 18.12.6	Scientific, Historical and Technological Perspectives	Explain that scientific knowledge builds on previous information, and rarely are entire theories completely discarded in favor of new ones.		
10 S NHS 18.12.7	Scientific, Historical and Technological Perspectives	Explain that scientists have ethical procedures, violations of which have consequences.		
10 S NHS 19.12.1	Reasoning and Critical Repsonse Skills	Identify and determine the credibility of sources of information based on the techniques used to gather that information.		
10 S NHS 19.12.2	Reasoning and Critical Repsonse Skills	Apply cost benefit and risk analyses in decision-making processes.		
10 S NHS 19.12.3	Reasoning and Critical Repsonse Skills	Recognize and describe situations in which a system is qualitatively different from the parts which comprise it (e.g., how a population differs from an individual).		
10 S NHS 19.12.4	Reasoning and Critical Repsonse Skills	Distinguish among hypotheses, laws, theories, and rules, and explain the level of their limitations.		

Identifier	Nevada - Grade 10 - Science		Introduced	Completed
10 S NHS 19.12.5	Reasoning and Critical Repsonse Skills	Determine the limits of generalizations, assumptions, analogies, and models.		
10 S SI	**SCIENTIFIC INQUIRY: PROCESSES AND SKILLS**			
10 S SI 20.12.1	Systems, Models, Risk, and Predictions	Use mathematical symbols and formulas to express relationships that behave in the same ways as the objects or processes under investigation.		
10 S SI 20.12.2	Systems, Models, Risk, and Predictions	Use models to identify and predict cause-effect relationships (e.g., effect of temperature on gas volume, effect of carbon dioxide level on the greenhouse effect).		
10 S SI 20.12.3	Systems, Models, Risk, and Predictions	Identify and describe how systems are often different from their components (e.g., aquaria or automobiles).		
10 S SI 20.12.4	Systems, Models, Risk, and Predictions	Compare groups of data, taking into account both percentages and actual numbers.		
10 S SI 20.12.5	Systems, Models, Risk, and Predictions	Identify the type of hazard, estimate the extent and consequences of exposure, and determine the options for reducing or eliminating risks.		
10 S SI 21.12.1	Scientific Values and Attitudes	Demonstrate curiosity, honesty, and skepticism in doing science.		
10 S SI 21.12.2	Scientific Values and Attitudes	Repeat experimentation for statistical analysis and to produce conclusions that are without bias.		
10 S SI 21.12.3	Scientific Values and Attitudes	Evaluate multiple explanations for the same evidence.		
10 S SI 22.12.1	Communication Skills	Analyze experimental procedures and suggest appropriate revisions for improvement.		
10 S SI 22.12.2	Communication Skills	Use tables, charts, and graphs in making arguments and claims in oral and written presentations.		
10 S SI 22.12.3	Communication Skills	Discuss scientific topics by restating or summarizing accurately what others have said; ask for clarifications or elaborations, and express alternative positions using available multimedia resources.		
10 S SI 23.12.1	Scientific Applications of Mathematics	Determine if the correlation between variables is high or low.		
10 S SI 23.12.2	Scientific Applications of Mathematics	Use algebraic equations when appropriate.		
10 S SI 23.12.3	Scientific Applications of Mathematics	Estimate answers to the correct order of magnitude.		
10 S SI 23.12.4	Scientific Applications of Mathematics	Use derived quantities, ratios, proportions, and constants.		
10 S SI 23.12.5	Scientific Applications of Mathematics	Trace the source of differences between an estimate and the calculated answer that exceeds agreed-upon standards for precision.		
10 S SI 23.12.6	Scientific Applications of Mathematics	Select samples by some random system to avoid bias.		
10 S SI 24.12.1	Laboratory Skills and Safety	Demonstrate personal responsibility for using safety equipment and observing all safety standards.		
10 S SI 24.12.2	Laboratory Skills and Safety	Use the information found in materials safety data sheets to handle, store, and dispose of chemicals properly.		
10 S SI 24.12.3	Laboratory Skills and Safety	Inspect, manipulate, and describe the functions of various parts of technical and scientific equipment.		
10 S SI 24.12.4	Laboratory Skills and Safety	Maintain a permanent record of procedures, data, analyses, decisions, and understandings of scientific investigations.		
10 S SI 24.12.5	Laboratory Skills and Safety	Write procedures for the investigation of delegated or original scientific problems.		
10 S SI 24.12.6	Laboratory Skills and Safety	Carry out an independent scientific investigation.		

Identifier	**Lander - Grade 10 - Science**	Introduced	Completed
10Sc1	**THE NATURE OF SCIENCE - Scientific Inquiry**		
10Sc1.1	Examine various statistical models, graphs and reports		
10Sc1.2	Explain how various conclusions can be derived from data		
10Sc1.3	Review and report on various data usage in argument and research		
10Sc1.4	Explain cause and effect relationships		
10Sc2	**THE NATURE OF SCIENCE - Science, Technology, and Society**		
10Sc2.1	Speculate and propose possible changes to systems by the interjection of new elements into a system		
10Sc2.2	Review various differing views of a particular phenomena		
10Sc2.3	Explain various frameworks of knowledge		
10Sc3	**PHYSICAL SCIENCE - Matter**		
10Sc3.1	Compare different substances while holding certain conditions constant		
10Sc3.2	Define and record characteristics of different elements		
10Sc3.3	Formulate conclusions based on observation regarding the makeup of various mixtures		
10Sc3.4	Compare and contrast differing configurations of atomic bonding		
10Sc3.5	Speculate on various chemical reaction possibilities		
10Sc3.6	Distinguish and classify between different elements and matter due to their atomic structure		
10Sc3.7	Define electrical polarity in atomic structures		
10Sc4	**PHYSICAL SCIENCE - Forces and Motion**		
10Sc4.1	Imagine a machine or system that would take advantage of differing forces and their variants		
10Sc4.2	Plan a demonstration or a simple machine taking advantage of magnetic and gravitational attributes		
10Sc4.3	Research and evaluate past activities in history that utilized balanced and unbalanced forces		
10Sc4.4	Graphically illustrate and reconstruct the motion of a particular object		
10Sc5	**PHYSICAL SCIENCE - Energy**		
10Sc5.1	Speculate on adaptations necessary to adjust to variations in the relationship between the Earth and the sun		
10Sc5.2	Contrast different light spectrums and their uses		
10Sc5.3	Contrast different wave forms and their benefits and detriments to life and objects		
10Sc5.4	Differentiate between different physical, chemical and nuclear reactions charting various data produced		
10Sc5.5	Imagine the results from various energy transformations through speculative interactions		
10Sc5.6	Examine the different properties through real experiences of kinetic and potential energy		
10Sc5.7	Differentiate between different transfer sequences of heat through various objects and conditions		
10Sc5.8	Define and observe the transference of electricity		
10Sc6	**LIFE SCIENCE - Heredity**		
10Sc6.1	Examine, interpret and debate genetic engineering in different arenas of life; analyze the arguments regarding eugenics		
10Sc6.2	Compare two or more different alterations to the genetic code and report on its results		
10Sc6.3	Define and sort normal and abnormal cell growth		
10Sc6.4	Observe patterns of growth and adaptation by genetic and inherited trait alteration and sustainability		
10Sc7	**LIFE SCIENCE - Structure of Life**		
10Sc7.1	Organize and illustrate interventions that offset infection and the role they play in altering the system		
10Sc7.2	Observe cells and their actions and functions		
10Sc7.3	Define cell roles and functions		
10Sc8	**LIFE SCIENCE - Organisms and Their Environment**		
10Sc8.1	Identify and label aspects of an interdependent system		
10Sc8.2	Explain the relationships between life and its physical environment		
10Sc8.3	Review and explain situations that alter an ecosystem; debate the positive and negative aspects of this alteration		
10Sc8.4	Demonstrate and illustrate an alteration in the environment		
10Sc8.5	Define the elements, both essential and superfluous, that sustain or inhibit an ecosystem		
10Sc8.6	Explain the current status of Nevada's various regions in terms of its geology, water, climate and biological inhabitants		

Identifier	Lander - Grade 10 - Science	Introduced	Completed
10Sc9	**LIFE SCIENCE - Diversity of Life**		
10Sc9.1	Speculate on alterations that can occur to a species that will benefit or hinder its development		
10Sc9.2	Propose and speculate on interventions available for genetic passage		
10Sc9.3	Explain the connections between organisms based on their evolutionary sequence		
10Sc9.4	Explain different DNA alterations		
10Sc9.5	Explain the tracking of fossil evidence; identify and recognize various fossil evidence		
10Sc9.6	Identify the factors involved with species extinction; identify the elements of the natural selection process		
10Sc9.7	Project how organisms can alter their evolutionary history by their behavior		
10Sc10	**EARTH AND SPACE SCIENCES - Atmospheric Processes and the Water Cycle**		
10Sc10.1	Define the make-up and characteristics that differentiate the sun from a planet and in particular the Earth		
10Sc10.2	Compare the differences when there is an overabundance or scarcity of water resources on Earth		
10Sc10.3	Record local atmospheric conditions tracking moisture, temperature, conditions and pollutants		
10Sc10.4	Describe the characteristics of the greenhouse effect and it's consequences		
10Sc10.5	Sort the various energy fields by their characteristics		
10Sc10.6	Compare different atmospheric patterns throughout the Earth; examine atmospheric conditions on other planets explaining their cause		
10Sc11	**EARTH AND SPACE SCIENCES - Solar System and Universe**		
10Sc11.1	Illustrate how various components of the universe interact, are co-dependent, or in opposition to each other; test out various scenarios of interaction and conflict		
10Sc11.2	Compare and contrast different planets and their environments; speculate on the alterations necessary to sustain life as we know it		
10Sc11.3	Define and sort different aspects of the universe		
10Sc11.4	Define the range of differences in phenomena in the universe and their interplay through motion		
10Sc12	**EARTH AND SPACE SCIENCES - Earth's Composition and Structure**		
10Sc12.1	Define the elements of geological time; define the characteristics of fossil evidence		
10Sc12.2	Speculate on the results of the interaction with various forces with landforms		
10Sc12.3	Illustrate the relationship between Earth's elements and living forms		
10Sc12.4	Explain the properties of different kinds and layers of soil		
10Sc12.5	Define and sort resources by their characteristics of renew-ability		
10Sc12.6	Describe the various stages in the cycles of life		
10Sc12.7	Debate how a physical environment alteration can be harmful or helpful		
10Sc12.8	Illustrate the positive and negative influences of technological change to the environment		
10Sc12.9	Explain the role of economics in determining patterns in the use and abuse of resources; identify the transition in some cultures from abundance to scarcity or obsolescence		
10Sc12.10	Explain how energy is used to sustain or cripple a culture		