

- ✓ Indicates that the lesson addresses the PO either as written or through suggested extensions or adaptations.
- ✗ Indicates that the lesson can be adapted or extended to meet the PO, but does not explicitly provide an activity.

Specific Grade	Content Area (Strands, Concepts, and POs)	Lesson 1	Lesson 2	Lesson 3
	SOCIAL STUDIES			
	Strand 1: American History			
	Concept 1: Research Skills for History			
6th-8th	PO 1. Construct charts, graphs, and narratives using historical data.	✓		
6th-8th	PO 2. Interpret historical data displayed in graphs, tables, and charts.	✓		
6th-8th	PO 3. <i>Construct timelines of the historical era being studied (e.g., presidents/ world leaders, key events, people).</i>	✓		
6th-8th	PO 4. <i>Formulate questions that can be answered by historical study and research.</i>	✓		
6th-8th	PO 7. <i>Analyze cause and effect relationships between and among individuals and/or historical events.</i>	✓		
7th-8th	PO 8. Describe/Analyze two points of view on the same historical event.	✓		
	Concept 10: Contemporary United States			
6th-8th	PO 1. <i>Describe current events using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).</i>	✓	✓	
6th-8th	PO 2. <i>Identify the connection between current and historical events and issues studied at this grade level using information from class discussions and various resources (e.g., newspapers, magazines, television, Internet, books, maps).</i>	✓	✓	
6th-8th	PO 3. Describe how key political, social, and economic events of the late 20th century and early 21st century affected, and continue to affect, the United States.	✓		
	Strand 4: Geography			
	Concept 1: The World in Spatial Terms			
6th-8th	PO 3. Interpret maps, charts, and geographic databases using geographic information.	✓		
6th-8th	PO 4. Locate physical and human features (e.g., significant waterways, mountain ranges, cities, countries) in the United States and in regions of the world on a map.	✓		
6th-8th	PO 5. Interpret thematic maps, graphs, charts, and databases depicting various aspects of world regions. (Apply to regions studied).	✓		
	Concept 5: Environment and Society			

6th-8th	PO 1. Describe ways that human dependence on natural resources influences economic development, settlement, trade, and migration.	✓	✓	
6th-8th	PO 2. Describe the intended and unintended consequences of human modification (e.g., irrigation, aqueducts, canals) on the environment.	✓		
6th-8th	PO 3. Explain how changes in the natural environment (e.g., flooding of the Nile) can increase or diminish its capacity to support human activities.		✓	
Concept 6: Geographic Applications				
6th-8th	PO 1. Describe ways geographic features and conditions influenced settlement in various locations (e.g., near waterways, on high terrain, with adequate fresh water, on good land for farming, in temperate climates) throughout different periods of time, places, and regions.	✓		
6th-8th	PO 2. Use geographic knowledge and skills (e.g., recognizing patterns, mapping, graphing) when discussing current events.	✓	✓	
SCIENCE				
Strand 1: Inquiry Process				
Concept 3: Analysis and Conclusions				
8th	PO 3. Interpret data that show a variety of possible relationships between two variables, including: positive relationship, negative relationship, no relationship.	✓		
Strand 2: History and Nature of Science				
Concept 1: History of Science as a Human Endeavor				
6th-7th	PO 4. Describe/Analyze the use of technology in science-related careers.		✗	✗
8th	PO 4. Evaluate career opportunities relates to life and physical sciences.		✗	✗
Concept 2: Nature of Scientific Knowledge				
6th-7th	PO 1. Describe how science is an ongoing process that changes in response to new information and discoveries.		✓	
6th-7th	PO 3. Apply the following scientific processes to other problem solving or decision making situations: questioning, communicating, comparing, classifying, organizing data, inferring		✓	
8th	PO 1. Apply the following scientific processes to other problem solving or decision making situations: questioning, communicating, comparing, classifying, organizing data, inferring		✓	
Strand 3: Science in Personal and Social Perspectives				
Concept 1: Changes in Environments				
6th	PO 2. Describe how people plan for and respond to the following natural disasters: drought, flooding, tornadoes		✓	
7th	PO 2. Analyze environmental benefits of the following human interactions with biological or geological systems: reforestation, habitat restoration, dam construction		✓	
Concept 2: Science and Technology in Society				
6th-8th	PO 1. Propose viable methods of responding to an identified need or problem.		✓	
6th-8th	PO 2. Compare possible solutions to best address an identified need or problem.		✓	

	Strand 4: Life Science			
	Concept 3: Populations of Organisms in an Ecosystem			
	PO 2. Describe how the following environmental conditions affect the quality of life: water quality, climate, population density, smog	✓	✓	
	Strand 5: Physical Science			
	Concept 2: Motion and Forces			
8th	PO 1. Create a graph devised from measurements of moving objects and their interactions, including: position-time graphs, velocity-time graphs.			✗
	MATHEMATICS			
	Strand 1: Numbers & Operations			
	Concept 1: Number Sense			
6th-7th	PO 1. Recognize & Convert between expressions for positive rational numbers, including fractions, decimals, percents, and ratios.	✗		
7th	PO 2. Solve problems with rational numbers and appropriate operations using exact answers or estimates.	✗		
6th	PO 3. Demonstrate an understanding of fractions as rates, division of whole numbers, parts of a whole, parts of a set, and locations on a real number line.	✗		
7th	PO 3. Solve problems involving percentages, ratio and proportion, including tax, discount, tips, and part/whole relationships.	✗		
	Concept 2: Numerical Operations			
6th	PO 2. Multiply multi-digit decimals through thousandths.	✗		
6th	PO 3. Divide multi-digit whole numbers and decimals by decimal divisors with and without remainders.	✗		
	Strand 2: Data Analysis, Probability, and Discrete Mathematics			
	Concept 1: Data Analysis (Statistics)			
6th	PO 2. Formulate and answer questions by interpreting, analyzing, and drawing inferences from displays of data, including histograms and stem-and-leaf plots.	✓		
	Strand 5: Structure & Logic			
	Concept 2: Logic, Reasoning, Problem Solving, and Proof			
7th-8th	PO 1. Analyze a problem situation to determine the question(s) to be answered.	✓		
7th-8th	PO 7. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	✓		
	READING			
	Strand 1: Reading Process			
	Concept 4: Vocabulary			

6th-8th	PO 2. Use context to identify the meaning of unfamiliar words (e.g., definition, example, restatement, synonym, contrast).	✓	✓	✓
6th-8th	PO 3. Use context to identify the intended meaning of words with multiple meanings (e.g., definition, example, restatement, or contrast).	✓	✓	✓
6th-8th	PO 5. Identify the meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words, by using a variety of reference aids, including dictionaries, thesauri, glossaries, and CD-ROM and the Internet when available	✓	✓	✓
Concept 5: Fluency				
6th-8th	PO 1. Read from a variety of genres with accuracy, automaticity (immediate recognition), and prosody (expression).	✓	✓	✓
Concept 6: Comprehension Strategies				
6th-8th	PO 3. Generate clarifying questions in order to comprehend text.	✓	✓	✓
6th-8th	PO 4. Use graphic organizers in order to clarify the meaning of the text.	✓	✓	✓
6th-8th	PO 5. Connect information and events in text to experience and to related text and sources.	✓	✓	✓
6th-8th	PO 6. Apply knowledge of the organizational structures (e.g., chronological order, time-sequence order, cause and effect relationships) of text to aid comprehension.	✓	✓	✓
6th-8th	PO 7. Use reading strategies (e.g., drawing conclusions, determining cause and effect, making inferences, sequencing) to comprehend text.	✓	✓	✓
Strand 3: Comprehending Informational Text				
Concept 1: Expository Text				
6th-8th	PO 1. Restate the main idea (explicit or implicit) and supporting details in expository text.			✓
6th-8th	PO 2. Summarize the main idea and critical details of expository text, maintaining chronological, sequential, or logical order.			✓
6th-8th	PO 7. Interpret graphic features (e.g., charts, maps, diagrams, illustrations, tables, timelines, graphs) of expository text. (Connected to Research Strand in Writing)	✓		
Concept 2: Functional Text				
6th-8th	PO 1. Use information from text and text features to determine the sequence of activities needed to carry out a procedure.	✓	✓	✓
6th-8th	PO 2. Identify the text features (e.g., directions, legend, illustrations, diagram, sequence, bold face print, headings) of functional text.	✓	✓	✓
6th-8th	PO 3. Interpret details from functional text for a specific purpose (e.g., to follow directions, to solve a problem, to perform a procedure, to answer questions).	✓	✓	✓
WRITING				
Strand 1: Writing Process				
Concept 1: Prewriting				
6th-8th	PO 1. Generate ideas through a variety of activities (e.g., prior knowledge , discussion with others, printed material or other sources).		✓	✓
6th-8th	PO 2. Determine the purpose (e.g., to entertain, to inform, to communicate, to persuade, to explain) of an intended writing piece.		✓	✓
6th-8th	PO 3. Determine the intended audience of a writing piece.		✓	✓

6th-8th	PO 4. Establish a central idea appropriate to the type of writing.		✓	✓
6th-8th	PO 6. Maintain a record (e.g., lists , journal, folder, notebook) of writing ideas.		✓	
6th-8th	PO 7. Use time management strategies , when appropriate, to produce a writing product within a set time period.		✓	✓
	Concept 2: Drafting			
6th-8th	PO 1. Use a prewriting plan to develop a draft with main idea(s) and supporting details.			✓
6th-8th	PO 2. Organize writing into a logical sequence that is clear to the audience.			✓
	Concept 3: Revising			
6th-8th	PO 1. Evaluate the draft for use of ideas and content, organization, voice, word choice, and sentence fluency.		✓	✓
6th-8th	PO 2. Add details to the draft to more effectively accomplish the purpose.		✓	✓
6th-8th	PO 3. Delete irrelevant and/or redundant information from the draft to more effectively accomplish the purpose.		✓	✓
6th-8th	PO 4. Rearrange words, sentences, and paragraphs to clarify the meaning or to enhance the writing style.		✓	✓
6th-8th	PO 5. Add transitional words , phrases and/or sentences to clarify meaning or enhance the writing style.		✓	✓
6th-8th	PO 6. Use a variety of sentence structures (i.e., simple, compound) to improve sentence fluency in the draft.			✓
6th-8th	PO 7. Apply appropriate tools or strategies (e.g., peer review , checklists, rubrics) to refine the draft.		✓	✓
6th-8th	PO 8. Use resources and reference materials to select more precise vocabulary.		✓	✓
	Concept 4: Editing			
6th-8th	PO 1. Identify punctuation, spelling, and grammar and usage errors in the draft. (See Strand 2)		✓	✓
6th-8th	PO 2. Use resources (e.g., dictionary, word lists, spelling/grammar checkers) to correct conventions.			✓
6th-8th	PO 3. Apply proofreading marks to indicate errors in conventions.		✓	✓
6th-8th	PO 4. Apply appropriate tools or strategies (e.g., peer review , checklists, rubrics) to edit the draft.		✓	✓
	Concept 5: Publishing			
6th-8th	PO 1. Prepare writing in a format (e.g., oral presentation, manuscript, multimedia) appropriate to audience and purpose.		✓	✓
6th-8th	PO 2. Use margins and spacing to enhance the final product.		✓	✓
6th-8th	PO 3. Use graphics (e.g., drawings, charts, graphs), when applicable, to enhance the final product.		✓	✓
6th-8th	PO 4. Write legibly.		✓	✓
	Strand 2: Writing Components/Elements			
	Concept 1: Ideas and Content			
6th-8th	PO 1. Use clear, focused ideas and details to support the topic.		✓	✓
6th-8th	PO 2. Provide content and selected details that are well suited to audience and purpose.		✓	✓
6th-8th	PO 3. Develop a sufficient explanation or exploration of the topic.		✓	✓
6th-8th	PO 4. Include ideas and details that show original perspective.		✓	✓
	Concept 2: Organization			
6th-8th	PO 1. Use a structure that fits the type of writing (e.g., letter format, narrative , play, essay).			✓
6th-8th	PO 2. Develop a strong beginning or introduction that draws in the reader.			✓

6th-8th	PO 3. Place details appropriately to support the main idea .		✓	✓
6th-8th	PO 4. Include effective transitions among all elements (sentences, paragraphs, ideas).		✓	✓
Concept 3: Voice				
6th-8th	PO 1. Show awareness of the audience through word choice and style .		✓	✓
6th-8th	PO 2. Convey a sense of identity through originality, sincerity, liveliness, or humor appropriate to the topic and type of writing		✓	✓
6th-8th	PO 3. Use language appropriate for the topic and purpose.		✓	✓
6th-8th	PO 4. Choose appropriate voice (e.g., formal, informal, academic discourse) for the audience and purpose.		✓	✓
Concept 4: Word Choice				
6th-8th	PO 1. Use accurate, specific, powerful words that effectively convey the intended message.		✓	✓
6th-8th	PO 2. Use words and phrases that consistently support style and type of writing.		✓	✓
6th-8th	PO 3. Use vocabulary that is original, varied, and natural.		✓	✓
6th-8th	PO 4. Use literal and figurative language where appropriate to purpose.		✓	✓
Concept 5: Sentence Fluency				
6th-8th	PO 1. Write simple and compound sentences .		✓	✓
6th-8th	PO 2. Write sentences that flow together and sound natural when read aloud.		✓	✓
6th-8th	PO 3. Vary sentence beginnings, lengths, and patterns to enhance the flow of the writing.		✓	✓
6th-8th	PO 4. Use effective and natural dialogue when appropriate.		✓	✓
Concept 6: Conventions				
6th-8th	PO 1. Use capital letters correctly for: a. proper nouns , c. literar titles , d. titles , e. abbreviations , f. proper adjectives .		✓	✓
6th-8th	PO 2. Use commas to correctly punctuate: a. items in a series , b. greetings , and closing of letters, c. introductory words , d. direct address , f. compound sentences .		✓	✓
6th-8th	PO 3. Use quotation marks to punctuate: a. dialogue , b. titles of short work , c. exact words from sources.		✓	✓
6th-8th	PO 6. Use apostrophes to punctuate: a. contractions , b. singular possessives		✓	✓
6th-8th	PO 7. Spell high frequency words correctly.		✓	✓
6th-8th	PO 10. Use resources to spell correctly.		✓	✓
6th-8th	PO 11. Use paragraph breaks to indicate an organizational structure.		✓	✓
6th-8th	PO 12. Use the following parts of speech correctly in simple sentences: a. nouns , b. action/linking verbs , c. personal pronouns , d. adjectives , e. adverbs , f. conjunctions , g. prepositions , h. interjections .		✓	✓
6th-8th	PO 13. Use subject/verb agreement in simple and compound sentences .		✓	✓
Strand 3: Writing Applications				
Concept 1: Expressive				
6th-8th	PO 1. Write a narrative that includes: a. an engaging plot based on imagined or real ideas, observations, or memories of an event or experience, b. effectively developed characters, c. a clearly described setting, d. dialogue, as appropriate, e. figurative language, or descriptive words and phrases to enhance style and tone.	✓	✓	✓
Concept 2: Expository				

6th-8th	PO 1. Record information (e.g., observations, notes, lists, charts, map labels and legends) related to the topic.		✓	✓
6th-8th	PO 2. Write a summary based on the information gathered that include(s): a. a topic sentence, b. supporting details, c. relevant information			✓
6th-8th	PO 3. Write a process or explanatory essay that includes: a. a thesis statement, b. supporting details, c. introductory, body, and concluding paragraphs.			✓
Concept 3: Functional				
6th-8th	PO 1. Write a variety of functional texts (e.g., directions, recipes, procedures, rubrics , labels, posters, graphs/tables).		✓	✓
Concept 4: Persuasive				
6th-8th	PO 1. Write persuasive text (e.g., essay, paragraph, written communications) that: a. establishes and develops a controlling idea, b. supports arguments with detailed evidence, c. includes persuasive techniques, d. includes persuasive techniques, e. attributes sources of information when appropriate.		✓	✓
Concept 6: Research				
6th-8th	PO 1. Write a summary of information from sources (e.g. encyclopedias, websites, experts) that includes: a. paraphrasing to convey ideas and details from the sources, b. main idea(s) and relevant details.		✓	✓
6th-8th	PO 2. Write an informational report that includes: a. a focused topic, b. appropriate facts and relevant details, c. a logical sequence, d. a concluding state, e. a list of sources used.		✓	✓
LISTENING & SPEAKING/VIEWING & PRESENTING				
Viewing & Presenting				
6th-8th	VP-E1. Analyze visual media for language, subject matter and visual techniques used to influence opinions, decision making and cultural perceptions.		✓	✓
6th-8th	VP-E2. Plan, develop and produce a visual presentation, using a variety of media such as videos, films, newspapers, magazines and computer images .		✓	✓
6th-8th	VP-E3. Compare, contrast and establish criteria to evaluate visual media for purpose and effectiveness.		✗	✗
EDUCATIONAL TECHNOLOGY				
Strand 1: Creativity & Innovation				
Concept 1: Knowledge and Ideas				
6th-8th	PO 1. Analyze information to generate new ideas, processes, and products.		✓	✓
Concept 4: Original Works				
6th	PO 1. Analyze information using digital creativity tools to create original works and express ideas.		✓	✓
7th-8th	PO 1. Create innovative products or projects using digital tools to express original ideas.		✓	✓
Strand 3: Research & Information Literacy				
Concept 1: Planning				
6th	PO 1. Predict and use key words and phrases that narrow or broaden information searches.			✗
7th-8th	PO 1. Predict and use key words and phrases for use in information searches.			✗

6th-8th	PO 2. Predict which information sources will provide the desired data.	✓	✓	✓
Concept 2: Processing				
6th-8th	PO 2. Use authoritative primary and/or secondary sources.	✓	✓	✓
6th	PO 4. Use appropriate digital tools to synthesize research information to develop new ideas and/or create new understanding.	✓	✓	✓
7th-8th	PO 4. Synthesize research information to create new understanding or develop new ideas.		✗	✗
6th	PO 5. Follow copyright laws when using text, images, videos and/or other sources and obtain permission to use the work of others and cite resources appropriately.		✗	✗
7th-8th	PO 5. Apply ethical use of information and media by respecting copyrights, intellectual property rights, using information and media technology responsibly, and citing resources appropriately.		✗	✗
Strand 4: Critical Thinking, Problem-Solving, & Decision-Making				
Concept 2: Exploring Solutions				
6th	PO 2. Generate solutions from different perspectives using collected resources and data.		✓	✓
7th-8th	PO 2. Present defensible solutions and make decisions from multiple perspectives using collected resources and data.		✓	✓
Strand 5: Digital Citizenship				
Concept 1: Safety & Ethics				
7th-8th	PO 6. Exhibit legal and ethical behavior when using technology.		✓	✓
Concept 2: Leadership for Digital Citizenship				
7th-8th	PO 1. Promote digital citizenship by consistently leading by example and advocating social and civic responsibility to others.		✓	✓
Strand 6: Technology Operations and Concepts				
Concept 1: Understanding				
6th-8th	PO 3. Choose technology applications appropriate for the audience and task.		✓	✓
Concept 2: Application				
7th-8th	PO 2. Compose a document that applies advanced formatting		✓	✓
WORKPLACE SKILLS				
Standard 1				
1WP-E1. Deliver a speech clearly, with expression and in an organized fashion, making eye contact with audience, and convey the message through nonverbal as well as verbal communications.				
6th-8th	PO 3. Select a variety of forms of print and non-print material to convey the message		✓	✓
1WP-E3. Demonstrate correct grammar and punctuation in writing				
6th-8th	PO 1. Spell correctly		✓	✓
6th-8th	PO 2. Punctuate correctly (e.g., sentence endings, commas, semicolons, colons)		✓	✓

6th-8th	PO 3. Apply rules of capitalization correctly (e.g., sentence beginnings, titles, abbreviations, proper nouns)		✓	✓
6th-8th	PO 4. Apply standard grammar and usage (e.g., subject/verb agreement, simple and compound sentence, appropriate verb tenses, plurals).		✓	✓
6th-8th	PO 5. Organize paragraphs with a variety of sentence structures (e.g., simple, compound, complex)			✓
	subject accurately; locate and interpret information in documents such as manuals, graphs, and schedules			
6th-8th	PO 1. Deliver a factual presentation using appropriate terminology		✓	✓
6th-8th	PO 2. Use a variety of formats such as data, graphs and technical manuals to support a presentation.			✓
	1WP-E8. Write formal communications that have a definite audience and clear purpose; contain no gaps, omissions or assumptions which impede comprehension; and follow the proper form whether it be a personal or business letter, message, memo, manual directions or applications.			
6th-8th	PO 1. Write a formal communication in an appropriate format for a specific audience and purpose.		✓	✓
6th-8th	PO 2. Organize ideas in a meaningful sequence using transitional words or phrases		✓	✓
6th-8th	PO 3. Write ideas that are clear and directly related to the topic.		✓	✓
	Standard 3			
	3WP-E1. Utilize information acquired from several sources and transfer information learned in one situation to another.			
6th-8th	PO 1. Research a designated topic using a wide array of information sources.		✓	✓
6th-8th	PO 2. Analyze the information obtained from the research.		✓	✓
6th-8th	PO 3. Classify the information obtained from the research.		✓	✓
6th-8th	PO 4. Compare the information to a new situation.		✓	✓
	3WP-E2. Devise and implement a plan of action by specifying goals and constraints.			
6th-8th	PO 1. Define goals and objectives.		✓	✓
6th-8th	PO 2. Develop appropriate time line.		✓	✓
6th-8th	PO 3. Identify constraints to achieving goals.		✗	✗
6th-8th	PO 4. Identify resources needed to accomplish goals.		✓	✓
6th-8th	PO 5. Develop criteria to evaluate plan of action.		✗	✗
	3WP-E3. Generate alternatives, consider risks, evaluate and choose solutions.			
6th-8th	PO 1. Select from possible solutions in a designated scenario.	✓		
6th-8th	PO 2. Evaluate possible solutions in a designated scenario.	✓		
6th-8th	PO 3. Identify risks in a designated scenario.	✓		✓
6th-8th	PO 4. Assess risks and risk factors in a designated scenario.	✓		✓

	3WP-E4. Monitor progress and make adjustment to meet stated objectives			
6th-8th	PO 1. Identify activities for given objectives.	✓	✓	✓
6th-8th	PO 2. Designate assessment tasks to measure progress towards objectives.		✗	✗
6th-8th	PO 3. Evaluate progress towards objective.		✗	✗
6th-8th	PO 4. Revise activities when necessary to achieve objective.		✓	✓
	Standard 5			
	5WP-E1. Evaluate areas of interest and/or potential career choices.			
6th-8th	PO 3. Evaluate a variety of potential career choices	✗	✗	✗
	5WP-E2. Demonstrate work ethics and behaviors for success as defined by school and community.			
6th-8th	PO 2. Demonstrate identified work ethics and behaviors in your school and community.	✓	✓	✓
	Standard 6			
	6WP-E1. Identify the factors impacting the level of effectiveness of systems.			
6th-8th	PO 4. Identify how factors influence the effectiveness of a system.			✓
	Standard 7			
	7WP-E1. Demonstrate basic computer operation skills in a variety of applications to organize information.			
6th-8th	PO 1. Use technology to retrieve, organize and manipulate electronic information using media such as CD-ROM, videodisks and telecommunication systems.			✓
	Standard 8			
	8WP-E1. Set and prioritize a set of balanced goals related to school, home, education, and career planning and allocate sufficient time, materials and resources to each task.			
6th-8th	PO 2. Create personal/ academic goals.	✗	✗	✗
6th-8th	PO 4. Develop a time management program.	✗	✗	✗