RELEVANT ARIZONA ACADEMIC STANDARDS

Visual Arts

Strand 1: Create

Concept 1: Creative Process

PO 203. Develop plans for his or her own artwork.

Concept 2: Materials, Tools, and Techniques

PO 201. Identify and experiment with materials, tools, and techniques appropriately and expressively in his or her own artwork.

PO 202. Demonstrate purposeful use of materials, tools, and techniques in his or her own artwork.

Concept 4: Meanings or Purposes

PO 202. Create an artwork that serves a function.

Reading

Strand 3: Comprehending Informational Text

Concept 1: Expository Text

PO5. Locate appropriate print and electronic features in expository text.

RELEVANT ARIZONA ACADEMIC STANDARDS

Writing

- **Strand 1: Writing Process**
- Concept 1: Prewriting
 - PO1. Generate ideas through a variety of activities
 - PO2. Determine the purpose of a writing piece.
 - PO3. Determine the intended audience of a writing piece.
 - PO6. Use time management strategies to produce a writing product within a set time period.
- Concept 2: Drafting
 - PO2. Organize writing into a logical sequence that is clear to the audience.
- Concept 5: Publishing
 - PO1. Prepare writing in a format appropriate to audience and purpose.
 - PO2. Share writing with the intended audience.
- **Strand 2: Writing Elements**
- Concept 1: Ideas and Content
 - PO2. Provide content and selected details that are well–suited to audience and purpose.
 - PO3. Use relevant details to provide adequate support for the ideas.
- Concept 3: Voice
 - PO1. Show awareness of audience through word choice and style
 - PO2. Convey a sense of originality, sincerity, liveliness, or humor appropriate to topic and mode.
 - PO3. Use language appropriate for topic and purpose.

RELEVANT ARIZONA ACADEMIC STANDARDS

- **Strand 3: Writing Applications**
- Concept 2: Expository
 - PO1. Record information related to the topic
 - PO2. Write an expository paragraph that contains a topic sentence, supporting details, relevant information.
 - PO3. Write in a variety of expository forms
- Concept 3: Functional
 - PO2. Write communications.
- Concept 4: Persuasive
 - PO1. Write persuasive text that attempts to influence the reader.

Language Arts

Standard 3: Listening and Speaking

- LS–E2. Prepare and deliver an oral report in a content area and effectively convey the information through verbal and nonverbal communications with a specific audience
- **Standard 4: Viewing and Presenting**
 - VP–E1. Analyze visual media for language, subject matter and visual techniques used to influence opinions, decision making and cultural perceptions.
 - VP–E2. Plan, develop and produce a visual presentation, using a variety of media such as videos, films, newspapers, magazines and computer images.



RELEVANT ARIZONA ACADEMIC STANDARDS

Science

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Strand	1 1:	$-\mathbf{a}\mathbf{n}$	ıauırv	Pr	ocess

- Concept 1: Observations, Questions, and Hypotheses
 - PO1. Formulate questions through observations that can be tested by an investigation.
 - PO2. Formulate predictions in the realm of science based on observed cause and effect relationships
- Concept 2: Scientific Testing
 - PO1. Demonstrate safe behavior and appropriate procedures in all science inquiry.
 - PO2. Plan a simple investigation that identifies variables to be controlled.
 - PO3. Conduct simple investigations based on student–developed questions in life, physical, and Earth and space sciences.
 - PO4. Measure using appropriate tools and units of measure
 - PO5. Record data in an organized and appropriate format
- Concept 3: Analysis and Conclusions
 - PO1. Analyze data obtained in a scientific investigation to identify trends and form conclusions.
 - PO2. Analyze whether the data is consistent with the proposed explanation that motivated the investigation.
 - PO3. Evaluate the reasonableness of the outcome of an investigation.
 - PO4. Develop new investigations and predictions based on questions that arise from the findings of the investigation.
- Concept 4: Communication
 - PO1. Communicate verbally or in writing the results of an inquiry
 - PO2. Choose appropriate graphic representation for collected data: Bar graph, line graph, Venn diagram, model
 - PO3. Communicate with other groups or individuals to compare the results of a common investigation.



RELEVANT ARIZONA ACADEMIC STANDARDS

Strand 3: Science in Personal and Social Perspectives

Concept 1: Changes in Environments

PO1. Explain the impacts of natural hazards on habitats.

PO2. Propose a solution, resource, or product that addresses a specific human, animal, or habitat need.

Social Studies

Strand 4: Geography

Concept 1: The World in Spatial Terms

PO4. Locate physical and human features in the United States and world on an appropriate map.

RELEVANT ARIZONA ACADEMIC STANDARDS

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- Strand 2: Communication and Collaboration
- Concept 1: Effective Communications and Digital Interactions
 - PO1. Communicate digitally with others by selecting and using a variety of appropriate communication tools.
- Concept 2: Digital Solutions
 - PO1. Contribute to a cooperative learning project and demonstrate effective group behaviors while using digital collaborative resources.
- **Strand 3: Research and Information Literacy**
- Concept 1: Planning
 - PO1. Predict and use key words and phrases that narrow or broaden information searches.
 - PO2. Predict which information sources will provide the desired data.
- Concept 2: Processing
 - PO1. Locate and synthesize information to revise search strategies.
 - PO2. Use authoritative primary and secondary sources.
 - PO3. Evaluate information and media through determining facts, opinion, bias, and inaccuracies by consulting multiple sources.
 - PO4. Use appropriate digital tools to synthesize research information and develop new ideas.
 - PO5. 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.
- **Strand 6: Technology Operations and Concepts**
- Concept 2: Application
 - PO2. Compose a document that applies intermediate formatting.



RELEVANT ARIZONA ACADEMIC STANDARDS

Workplace Skills

- Standard 1: Students use principles of effective oral, written and listening communication skills to make decisions and solve workplace problems.
 - IWP-E4. Respond to oral and written presentations by formulating relevant feedback, expressing opinions, discerning the main idea and distinguishing fact from opinion.
 - PO1. Summarize main ideas of an oral or written presentation.
 - PO 3. Formulate related questions in a presentation.
 - PO 4. Express opinions relating to the main idea in a presentation.
 - IWP-E6. Speak in content area using vocabulary of the subject accurately; locate and interpret information in documents such as manuals, graphs, and schedules
 - PO1. Deliver a factual presentation using appropriate terminology
 - PO2. Use a variety of formats such as data, graphs and technical manuals to support a presentation
- Standard 3: Students apply critical and creative thinking skills to make decisions and solve workplace problems.
 - 3WP–E1. Utilize information acquired from several sources and transfer information learned in one situation to another
 - PO1. Research a designated topic using a wide array of information sources.
 - PO2. Analyze the information obtained from the research.
 - PO3. Classify the information obtained from the research.