

RELEVANT ARIZONA ACADEMIC STANDARDS

Beginning Visual Arts

Strand 1: Create

Concept 1: Creative Process

PO101. Contribute to a discussion about ideas for his or her own artwork

Concept 2: Materials, Tools, and Techniques

PO 101. Identify and experiment with materials, tools, and techniques in his or her own artwork.

PO102. Use materials, tools, and techniques appropriately in his or her own artwork

Concept 4: Meanings and Purposes

PO001. Describe and explain his or her own artwork.

Strand 2: Relate

Concept 4: Meanings and Purposes

PO101. Select and use subject matter and/or symbols in his or her own artwork.

Reading

Strand 1: Reading Process

Concept 3: Phonics

PO1. Read multi-syllabic words fluently, using letter-sound knowledge.

PO 2. Apply knowledge of basic syllabication rules when decoding four- or five-syllable written words.

Strand 3: Comprehending Informational Text

Concept 1: Expository Text

PO1. Identify the main idea and supporting details in expository text.

PO5. Interpret information from graphic features of expository text

Concept 2: Functional Text

PO1. Follow a set of written multi-step directions

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TEACHER'S GUIDE FOR THIRD GRADE- RELEVANT ARIZONA STATE STANDARDS

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Writing

Strand 1: Writing Process

Concept 1: Prewriting

PO1. Generate ideas through a variety of activities.

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 the writing with the intended audience

PO3. Use margins and spacing to enhance the final product

PO4. Write legibly

Strand 2: Writing Elements

Concept 1: Ideas and Content

PO1. Express ideas that are clear and directly related to the topic

Concept 2: Organization

PO6. Construct a paragraph that groups sentences around a topic

Concept 4: Word Choice

PO3. Apply vocabulary appropriate to the type of writing

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Strand 3: Writing Applications

Concept 1: Expressive

PO2. Write in a variety of expressive forms (e.g., poetry, skit) that may employ: figurative language, appropriate format.

Concept 2: Expository

PO1. Record information related to the topic

PO2. Write an expository paragraph that contains a topic sentence, supporting details, and relevant information

Concept 3: Functional

PO1. Write a variety of functional text

Concept 5: Literary Response

PO1. Write a reflection to a literature selection

Concept 6: Research

PO1. Paraphrase information from at least one source

Language Arts

Standard 3: Listening and Speaking

LS-F1. Use effective vocabulary and logical organization to relate or summarize ideas, events and other information.

LS-F2. Give and follow multiple step directions.

LS-F3. Prepare and deliver information by generating topics; identifying the audience; and organizing ideas, facts or opinions for a variety of speaking purposes such as giving directions, relating personal experiences, telling a story or presenting a report.

Standard 4: Viewing and Presenting

VP-F3. Access, view, and respond to visual forms such as computer programs, videos, artifacts, drawings, pictures, and collages

VP-F4. Interpret visual clues in cartoons, graphs, tables and charts that enhance the comprehension of text.

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Math

Strand 1: Number Sense and Operation

Concept 3: Estimation

- PO2. Estimate length and weight using U.S. customary units.
- PO3. Record estimate and actual linear measurements for real-life objects.
- PO4. Compare estimations of appropriate measures to the actual measures.

Strand 4: Geometry and Measurement

Concept 4: Measurement

- PO1. Select the appropriate measure of accuracy
- PO4. Measure a given object using the appropriate unit of measure.
- PO8. Compare the length of two objects using U.S. customary or metric units.

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Science

Strand 1: Inquiry Process

Concept 1: Observations, Questions, and Hypotheses

- PO1. Formulate relevant questions about the properties of objects, organisms, and events of the environment using observations and prior knowledge
- PO2. Predict the results of an investigation based on observed patterns, not random guessing

Concept 2: Scientific Testing (Investigating and Modeling)

- PO1. Demonstrate safe behavior and appropriate procedures in all science inquiry
- PO2. Plan a simple investigation based on the formulated questions
- PO3. Conduct simple investigations in life, physical, and Earth and space sciences
- PO4. Use metric and US customary units to measure objects
- PO5. Record data in an organized and appropriate format

Concept 3: Analysis and Conclusions

- PO2. Construct reasonable interpretations of the collected data based on formulated questions.
- PO3. Compare the results of the investigation to predictions made prior to the investigation
- PO4. Generate questions for possible future investigations based on the conclusions of the investigation
- PO5. Record questions for further inquiry based on the conclusions of the investigation

Concept 4: Communication

- PO1. Communicate investigations and explanations using evidence and appropriate terminology
- PO2. Describe an investigation in ways that enable other to repeat it
- PO3. Communicate with other groups to describe the results of an investigation

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Strand 2: History and Nature of Science

Concept 2: Nature of Scientific Knowledge

- PO1. Describe how, in a system with many components, the components usually influence one another
- PO2. Explain why a system may not work if a component is defective or missing

Strand 4: Life Science

Concept 1: Characteristics of Organisms

- PO1. Describe the function of the following plant structures:
 - roots absorb nutrients
 - stems provide support
 - leaves synthesize food
 - flowers attract pollinators and produce seeds for reproduction

Concept 3: Organisms and Environments

- PO3. Explain the interrelationships among plants and animals in different environments; producers, consumers, decomposers
- PO5. Describe how environmental factors in the ecosystem may affect a member organisms ability to grow, reproduce, and thrive

Concept 4: Diversity, Adaptation, and Behavior

- PO1. Identify adaptations of plants and animals that allow them to live in specific environments
- PO2. Describe ways that species adapt when introduced into new environments.

Strand 6: Earth and Space Science

Concept 1: Properties of Earth Materials

- PO6. Describe ways that humans use Earth materials

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Educational Technology

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.

Standard 6: Technology Operations and Concepts

Concept 1: Understanding

PO 4. Demonstrate knowledge of ergonomics and electrical safety when using computers.

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Workplace Skills

Standard 1: Students use principles of effective oral, written and listening communication skills to make decisions and solve workplace problems.

IWP-F1: Describe how the five senses are used in communications.

PO1. Identify the five senses.

PO2. Provide examples of each sense in action.

IWP-F2: Respond to oral presentations by formulating relevant questions and opinions and summarizing accurately.

PO1. Recognize the content of an oral presentation.

PO 2. Ask questions relating to content.

PO 3. State opinions relating to content.

PO 4. Develop summary of relevant content.

IWP-F3: Apply critical listening skills

PO1. Listen effectively

PO2. Analyze/ evaluate orally received information

PO3. Respond appropriately

IWP-F4: Listen to an oral presentation, evaluate, and express an opinion orally.

PO1. Recognize the content of an oral presentation.

PO2. Develop summary of relevant content.

IWP-F5: Share ideas, opinions, and information with a group, choosing vocabulary that communicates messages clearly, precisely, and effectively

PO1. Participate in groups

PO2. Speak to a group

PO3. Share writing with a group

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TEACHER'S GUIDE FOR THIRD GRADE- RELEVANT ARIZONA STATE STANDARDS

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Standard 3: Students apply critical and creative thinking skills to make decisions and solve workplace problems.

3WP-F5: Identify the need for data, obtaining it from existing sources such as the library, on-line databases or field research

PO2. Apply data from existing sources, such as library, online databases and field research

Standard 4: Students work individually and collaboratively within team settings to accomplish objectives

4WP-F3: Demonstrate teamwork skills by contributing ideas, suggestions and effort; resolving conflicts; and handling peer pressure

PO1. Demonstrate skills necessary for positive group dynamics.