

Unit	Lesson	Lesson Objectives
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### Literacy and Comprehension: An Introduction

#### The Role of Vocabulary

- Students will analyze why word choice is important.
- Students will determine how words set/change the tone of a piece through connotations.
- Students will identify new vocabulary and apply strategies for comprehension.

#### Word Analysis

- Students will distinguish between literal and figurative language and determine meaning.
- Students will identify the parts of speech.
- Students will use context to determine the relevant meaning of a word or the intended meaning of a word with multiple meanings (e.g., hatch, arm, boot).

#### Word Structure

- Students will analyze common Greek and Latin roots and use them to understand unfamiliar words.
- Students will list common prefixes and suffixes (a-, pre-, re-, con- & verb endings, -ly, -tion, -ious).
- Students will use knowledge of root words and affixes to determine the meaning of unknown words.

#### Language: Grammar

- Students will be able to identify and describe key elements of grammar.
- Students will distinguish written language with proper grammar from conversational/colloquial language and understand the importance of standard grammar.

#### Language: Sentence Structure

- Students will identify how complex sentences can increase interest in their writing.
- Students will value different ways of presenting sentences (simple, complex, clauses, prepositional phrases).

#### Fluency: Accuracy

- Students will identify why it is important to read words correctly (meaning) and establish guidelines to help do so.

### The Environment: Extreme Weather

#### The Strategy Focus: Visualizing

- Apply visualizing strategies to different types of text.
- Create your own visuals.
- Define the strategies used in visualizing.
- Identify the strategy of visualizing.

#### Math - *Extreme Temperatures: Some Like it HOT!*

- Fluency: Read with a friend and evaluate each other's fluency.
- Math Comprehension: Apply order of operations; solve an expression.
- Reading Comprehension: Use pictures and text to visualize and understand what the text may not tell you.
- Vocabulary: Understand technical vocabulary in context.

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**Science - Earth Science: *Is There A Storm Brewing? Just Ask the Sky***

Fluency: Read quotes as if you were having a true conversation.

Reading Comprehension: Visualize a setting using key descriptive words.

Science Comprehension: Understand some causes and effects of weather phenomena.

Vocabulary: Understand vocabulary words using context.

**Social Studies - World History: *In Fire and Ash: Pompeii Lost***

Fluency: Read as if you were there.

Reading Comprehension: Visualize a sequence of events to increase understanding.

Social Studies Comprehension: Use and understand maps.

Vocabulary: Understand Greek and Latin roots.

**Elective - Health: *Global Warming and Superbugs***

Fluency: Focus on reading phrases, not individual words.

Health Comprehension: Evaluate potential health risks by assessing and evaluating data (anecdote vs. experiment).

Reading Comprehension: Visualize to prepare for reading, and to draw conclusions when finished.

Vocabulary: Identify and understand homophones.

**Literary Text: Short Story - "The Dog of Pompeii" by Louis Untermeyer**

Fluency: Create and maintain unique voices for different characters.

Use descriptive language to visualize a scene.

Visualize to draw conclusions about mood and tone.

Vocabulary: Understand terms associated with a specific time and place.

**Functional Text: How-To Article - *Tornado in a Bottle***

Create a visual aid to teach someone about tornados.

Fluency: Use emphasis to communicate the key information in each step.

Visualize steps in a procedure.

Vocabulary: Understand vocabulary words in context.

**Visual Text: Online Illustrated Educational Storybook**

Fluency: Practice reading and rereading as if you were presenting to an audience of children.

Use visual aids alone to retell the text.

Use visual aids to improve comprehension.

Vocabulary: Identify and understand specific descriptive language.

**The Animals: Amazing Heroes**

**The Strategy Focus: Text Structure - *One Foot, Two Foot, Barbed Foot, Goo Foot: Structure Matters***

Analyze different text formats and purposes.

Identify the strategy of text structure.

Recognize different types of text structure.

Use previewing to identify text structure.

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**Science - *Underwater Wonders***

Fluency: Identify changes in tone and establish appropriate expression when reading.

Reading Comprehension: Identify and use clues and signal words to determine text structure.

Science Comprehension: Examine and analyze survival adaptations in marine life.

Vocabulary: Identify and understand vocabulary words in context.

**Social Studies - *Fearless in Fur, Fins, and Feathers: Animals in the Armed Forces***

Fluency: Practice reading with a serious tone.

Reading Comprehension: Identify problem/solution format in text, identify specific problems and solutions.

Social Studies Comprehension: Examine a timeline of military events, examine problem solving in war.

Vocabulary Comprehension: Apply a variety of strategies to understand vocabulary words in context, including context clues and analysis of roots and affixes.

**Elective - Health: *Above and Beyond - Animal Rescues***

Fluency: Identify changes in tone, reflect changes in your expression (both serious and poignant).

Reading Comprehension: Recognize and distinguish between cause-effect and chronological structures.

Vocabulary: Recognize and analyze compound words and words with roots and affixes.

**Literary Text: *Autobiographical Essay Excerpt***

Fluency: Practice reading to convey emotion and drama.

Literary Skill: Identify how the form of sentences and text contribute to mood.

Reading Skill: Identify text structure and use structure to summarize.

Vocabulary: Recognize and understand technical vocab in context.

**The Arts: *World Artists Discovered***

**The Strategy Focus: *Questioning***

Apply questioning strategies to different types of text.

Define the strategies used in questioning.

Identify the different types of questions.

Identify the strategy of questioning.

**Math - *Approaching Art from a Different Angle: Geometry and Islamic Art***

Fluency: Practice challenging words in advance to read fluently and accurately.

Math Comprehension: Understand geometric shapes, tessellations, and symmetry in Islamic art.

Reading Comprehension: 5W's + H Questioning.

Vocabulary: Recognize and understand specialized vocabulary.

**Science - *Human Biology: Synesthesia - It's a Colorful World!***

Fluency: Substitute transitions for visual elements in text.

Reading Comprehension: Student will set goals for the reading (what s/he wants to learn, formulate questions based on title or graphics, new words s/he will learn).

Science Comprehension: Understand the five senses and corresponding regions of the brain.

Vocabulary: Understand Greek and Latin roots.

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**Social Studies - *History in Living Color***

Fluency: Pause after rhetorical or open-ended questions.

Reading Comprehension: Form "between the lines" questions to make inferences about the artist, motivations, and significance.

Social Studies Comprehension: Understand historical and political value of art.

Vocabulary: Use context clues to determine the meaning of unfamiliar words.

**Elective - *Philosophy: Art and the Envelope***

Fluency: Identify the tone and read with appropriate expression.

Philosophy Comprehension: Examine whether art is a subjective judgment or an objective reality.

Reading Comprehension: Form "beyond the text" questions to apply text content to other knowledge and experiences.

Vocabulary: Use Greek and Latin roots to connect to and understand vocabulary.

**Technology: The World of Gaming**

**The Strategy Focus: *Previewing - Check It Out***

Apply previewing strategies to different types of text.

Define the strategies used in previewing.

Identify the different types of text.

Identify the strategy of Previewing.

**Math - *At the Cutting Edge of Cool***

Fluency: Communicate the main idea of a paragraph through vocal emphasis.

Math Comprehension: Explore Math careers and math applications.

Reading Comprehension: Preview a text and make predictions.

Vocabulary: Identify and understand word roots from Greek and Latin.

**Science - *The Nobel Prize in Gaming?***

Fluency: Read in-text questions and answers with proper inflection.

Reading Comprehension: Use scanning and skimming techniques to preview a non-fiction text.

Science Comprehension: Understand how normal and abnormal proteins function in the body.

Vocabulary: Determine the intended meaning of a word with multiple meanings by using context clues.

**Social Studies - *Console Controversy: Games Based on Current Events Stir Debate***

Fluency: Student will use punctuation to guide phrasing and pauses.

Reading Comprehension: Add details to predictions.

Social Studies Comprehension: Examine current events from several perspectives.

Vocabulary: Use context clues to determine the meaning of unfamiliar words.

**Elective - *Physical Education: The Revolution Is Here and Wii Have Some Serious Moves***

Fluency: Use commas to guide phrasing and pauses when reading aloud.

Physical Education Comprehension: Using federal guidelines for physical activity, evaluate own activity level.

Reading Comprehension: Combine prior knowledge with textual clues to make predictions.

Vocabulary: Distinguish between and understand compound words and words with affixes.

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<b>The Medical Field: Mystery Illnesses Through the Ages</b>		
<b>The Strategy Focus: Summarizing</b>		
Apply summarizing strategies to different types of text.		
Define the strategies used in summarizing.		
Identify the strategy of Summarizing.		
<b>Math - Reading Visual Representations: 1918 - On the Trail of Influenza</b>		
Fluency: Determine the appropriate tone for a piece and practice reading with that tone.		
Math Comprehension: Interpret a variety of charts and graphs.		
Reading Comprehension: Identify key concepts by focusing on introduction, topic sentences, and conclusion.		
Vocabulary: Interpret context clues and identify in-text definitions to understand unfamiliar words.		
<b>Science - The Mystery and Madness of "Mad Cow"</b>		
Fluency: Practice challenging words ahead of time by chunking them.		
Reading Comprehension: Use lists of cause-effect relationships and make generalizations to summarize text.		
Science Comprehension: Identify components of the central nervous system.		
Vocabulary: Students use in-text definitions and paraphrasing to identify and understand key vocabulary.		
<b>Social Studies - The Black Death: The Disease that Won't Die</b>		
Fluency: Accurately read abbreviations in text.		
Reading Comprehension: Use timelines and flow charts to shape a summary of main ideas and supporting details.		
Social Studies Comprehension: Understand how massive disease outbreaks can impact a society, its organization/government, and potentially its culture.		
Vocabulary: Use resources such as a dictionary or thesaurus to learn new vocabulary.		
<b>Elective - Health and Environmental Science: MCS - The New Canary?</b>		
Environmental Science Comprehension: Understand the potential negative effects of environmental toxins and contaminants on humans.		
Fluency: Determine the appropriate tone and practice reading with that tone.		
Reading Comprehension: Use textual features (title, subheadings, and captions) to review a text, id important details, and create a summary.		
Vocabulary: Students will identify and interpret affixes and base words (including Greek or Latin) in vocabulary.		
<b>Visual Text Skill: Analyzing a Poster</b>		
Fluency: Use layout and other visual cues to determine phrasing and emphasis.		
Reading Comprehension: Take notes on primary features and objectives; generalize the message of the larger campaign.		
Visual Text Comprehension: Analyze how graphics are used to underscore the message for different audiences.		
Vocabulary: Use pictures and context to determine the meaning of vocabulary.		
<b>The Stories We Spin: Ancient and Modern Myths Uncovered</b>		
<b>Theme: Ancient and Modern Myths</b>		
Introduce the theme of ancient and modern myths for the unit.		
<b>The Strategy Focus: Inferencing</b>		
Define the strategies used in Inferencing.		
Identify the strategy of Inferencing.		

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**Math - *In Sunlight and Shadow: Mythology and Knowledge of the Ancient Maya***

Fluency: Students will identify words not from English and develop a strategy to read them fluently.

Math Comprehension: Perform basic calculations using different counting systems such as Roman and Mayan numerals.

Reading Comprehension: Students will make inferences about causes and their effects.

Vocabulary: Students will recognize and understand vocabulary using base words and affixes.

**Science - *Water, Water Everywhere***

Fluency: Students will remember to pause more briefly with punctuation than they do at section breaks (paragraph, new subheading).

Reading Comprehension: Students will go beyond the text to make universal and cultural inferences.

Science Comprehension: Students will understand the water cycle.

Vocabulary: Identify and understand the specific purposes of common transitions.

**Social Studies - *Rediscovering Lost Atlantis***

Fluency: Practice pacing and volume for clarity.

Reading Comprehension: Use inferences to make predictions.

Social Studies Comprehension: Use and interpret maps; understand map features.

Vocabulary: Identify and understand words with multiple meanings.

**Elective - *Paper Dolls: One-Dimensional Goddesses***

Fluency: Focus on reading phrases, not individual words.

Reading Comprehension: Students will go beyond the text to make culture-specific inferences using details in myths.

Vocabulary: Analyze compound words and words with roots and affixes.

Women's Studies: Analyze archetypes to understand values encouraged in women in different cultures.

**Literary Text: *King Long Shanks***

Fluency: Practice reading as if you were telling a bedtime story to a small child.

Literary Comprehension: Analyze tone.

Reading Comprehension: Go beyond the text to make inferences on why modern authors rewrite myths and fairy tales.

Vocabulary: Use context to understand unfamiliar words; find synonyms when possible.

**Persuasive Text: Editorial**

Fluency: Read as if you were on stage - focus on volume and expression.

Persuasive Skill: Demonstrate how the author uses appeal to emotions to make his point.

Reading Skill: Infer the author's motivation for writing this piece.

Vocabulary: Make connections between less familiar and more familiar words from the text or your prior knowledge.

**Functional Text: Recipe**

Fluency: Identify changes in tone and reflect them while reading.

Functional Text Comprehension: Correctly follow a set of instructions.

Reading Comprehension: Use prior knowledge to make inferences about a non-fiction text.

Vocabulary: Identify and understand sensory language; understand technical language in recipes.

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**Engineering Today: The Challenge - Transportation**
**The Strategy Focus: Metacognition**

Examine strategies of metacognition.

Understand metacognition in relation to comprehension.

**Math - Interpreting Statistics: Fastest Mass Transit**

Fluency: Focus on punctuation and intended meaning to guide phrasing in long sentences.

Math Comprehension: Students will apply  $d = r * t$  formula and a graphic organizer to solve a word problem.

Reading Comprehension: Students will choose previewing strategies; evaluate previewing strategies while reading (check predictions, verify text structure, etc.).

Vocabulary: Recognize and understand vocabulary words in context.

**Science - Bikes as Serious Business**

Fluency: Use textual clues to identify tone; reflect tone in expression.

Reading Comprehension: Students will monitor understanding while reading (asking questions to relate pictures to text, summarizing while reading).

Science Comprehension: Use diagrams to understand the structure and application of simple machines.

Vocabulary: Understand applied technical vocabulary; recognize and understand vocab words in context.

**Social Studies - Transportation Legislation**

Fluency: Students will divide unfamiliar words into syllables to determine accurate pronunciation.

Reading Comprehension: Students will monitor understanding by revising predictions while reading and summarizing after reading.

Social Studies Comprehension: Students will understand how a bill becomes law.

Vocabulary: Students will understand non-literal language (figurative language and idioms) in context.

**Elective - Shrinks Help Alternative Transportation Expand**

Fluency: Students will practice presenting a visual aid naturally instead of reading it verbatim.

Psychology Objective: Students understand the factors influencing transportation choices.

Reading Comprehension: Evaluate strategy and graphic organizers to summarize text (cause/effect, chronological, etc.).

Vocabulary: Students will identify the appropriate strategy to determine the meaning of a word (resource, context, internet, etc.).

**Literary Text: Poetry**

Fluency: Use expression to create two different voices in a poem.

Literary Comprehension: Metaphor: Analyze figurative language.

Reading Comprehension: Choose an appropriate strategy to understand and analyze a poem.

Vocabulary: Synonyms: Understand how poets choose specific synonyms to add to the feel of a poem.

**Persuasive Text: Our Future in Space**

Fluency: Break challenging words down by roots and affixes to pronounce them correctly.

Persuasive Skill: Identify the author's bias in a seemingly factual text by using textual clues.

Reading Comprehension: Identify text structure to take notes in a graphic organizer.

Vocabulary Skill: Understand multiple meaning words in context; use a dictionary and context clues.

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**Functional Text: *How to Ollie***

Fluency: Emphasize words that describe the order to create a picture in the listener's mind.

Functional Text: Evaluate the importance of visuals in functional texts by comparing three different texts on the same topic.

Reading Comprehension: Follow a set of directions in order to complete a task.

Vocabulary: Understand jargon, including multiple meaning words in context.