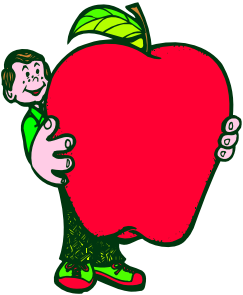


<p style="text-align: center;">☞ Language Arts ☜</p>	<p style="text-align: center;">☞ Language Arts ☜</p>	<p style="text-align: center;">☞ Language Arts ☜</p>	<p style="text-align: center;">☞ Language Arts ☜</p>
<p>1.0 Word Analysis, Fluency, and Vocabulary</p> <p>1.1 Read aloud with fluency, accuracy, pacing, expression and intonation</p> <p>1.2 Identify and explain figurative language and words with more than one meaning</p> <p>1.3 Recognize the origins and meanings of frequently used foreign words</p> <p>1.4 Understand and explain “shades of meaning” in related words (e.g., <i>softly and quietly</i>)</p>	<p>3.0 Literary Response and Analysis</p> <p>3.1 Identify forms of fiction</p> <p>3.2 Analyze the effect of qualities of the character (e.g. <i>courage or cowardice</i>) on the plot and resolution of conflict</p> <p>3.3 Analyze the influence of setting on the problem and its solution</p> <p>3.4 Define how tone or meaning is conveyed in poetry through words, figurative language, sentence structure, line length, punctuation, rhythm, and rhyme</p> <p>3.5 Identify the speaker and recognize the difference between first-and third-person narration</p> <p>3.6 Understand themes conveyed through characters, actions, and images</p> <p>3.7 Understand common literary devices (e.g., <i>symbolism, imagery, metaphor</i>) in fiction and nonfiction.</p> <p>3.8 Discuss the credibility of characters and the degree to which a plot is realistic</p>	<p>1.0 Writing Strategies (continued)</p> <p>1.5 Compose and format documents using word processing skills</p> <p>1.6 Revise written drafts to improve the organization and consistency of ideas within and between paragraphs</p>	<p>1.0 Written and Oral Language Conventions</p> <p>1.1 Use simple, compound, and compound-complex sentences</p> <p>1.2 Identify and properly use indefinite pronouns and present perfect, past perfect and future perfect verb tenses</p> <p>1.3 Use colons, semicolons, and commas</p> <p>1.4 Capitalize correctly</p> <p>1.5 Spell frequently misspelled words correctly (e.g., <i>their, they’re, there</i>)</p>
<p>2.0 Reading Comprehension</p> <p>2.1 Identify features of popular media (e.g., <i>newspapers, magazines, online information</i>)</p> <p>2.2 Analyze text that uses compare-and-contrast</p> <p>2.3 Clarify main ideas by connecting them to other sources</p> <p>2.4 Create outlines, summaries, or reports</p> <p>2.5 Follow multiple-step instructions for preparing applications (e.g., <i>bank, library cards</i>)</p> <p>2.6 Determine the adequacy of evidence for an author’s conclusion</p> <p>2.7 Make statements about a text using evidence to support ideas</p> <p>2.8 Note unsupported inferences, false reasoning, persuasion and propaganda</p>	<p>1.0 Writing Strategies</p>	<p>2.0 Writing Applications</p> <p>2.1 Write narratives (stories) that:</p> <ol style="list-style-type: none"> Establish and develop a plot and setting and present a point of view Include details and concrete language to develop plot and character Use a range of narrative devices (e.g., <i>dialogue, suspense</i>) <p>2.2 Write expository compositions (e.g., <i>description, explanation, problem and solution, comparison and contrast</i>) that:</p> <ol style="list-style-type: none"> State the thesis or purpose Explain the situation Follow an organizational pattern Offer persuasive evidence to validate arguments and conclusions <p>2.3 Write research reports that:</p> <ol style="list-style-type: none"> Pose questions narrow enough to be thoroughly covered Support the main idea(s) with facts, details, and explanations from multiple sources (e.g., <i>speakers, periodicals, online information</i>) Include a bibliography <p>2.4 Write responses to literature that:</p> <ol style="list-style-type: none"> Exhibit understanding and insight Include clear ideas or images Use examples from text <p>2.5 Write persuasive compositions that:</p> <ol style="list-style-type: none"> State a clear position Support the position with evidence Anticipate and address reader concerns and counterarguments 	<p>1.0 Listening and Speaking Strategies</p> <p>1.1 Understand a speaker’s verbal and nonverbal message</p> <p>1.2 Identify tone, mood, and emotion in speaking</p> <p>1.3 Restate and follow multiple-step oral instructions</p> <p>1.4 Select a focus, an organizational structure, and a point of view for an oral report</p> <p>1.5 Emphasize important points to the listener</p> <p>1.6 Support opinions with evidence or with props</p> <p>1.7 Use effective rate, volume, pitch, and tone</p> <p>1.8 Analyze the use of rhetorical devices (e.g., <i>cadence, volume</i>) for effect</p> <p>1.9 Identify persuasive and propaganda used in television</p>
	<p>1.1 Choose the form of writing (e.g., <i>personal letter, review, poem, report</i>) that best suits the purpose for writing</p> <p>1.2 Write multiple paragraph expository essays that:</p> <ol style="list-style-type: none"> State a clear purpose Develop a topic with supporting details; use precise verbs, nouns, and adjectives to paint an image Conclude with a detailed summary linked to the purpose of the essay <p>1.3 Use organizational patterns in writing, including compare and contrast, organization by categories, and arrangement by order of importance</p> <p>1.4 Use features of electronic text (e.g., <i>bulletin boards, databases, keyword searches</i>) to locate information</p>	<p>1.0 Listening and Speaking Strategies</p> <p>1.1 Understand a speaker’s verbal and nonverbal message</p> <p>1.2 Identify tone, mood, and emotion in speaking</p> <p>1.3 Restate and follow multiple-step oral instructions</p> <p>1.4 Select a focus, an organizational structure, and a point of view for an oral report</p> <p>1.5 Emphasize important points to the listener</p> <p>1.6 Support opinions with evidence or with props</p> <p>1.7 Use effective rate, volume, pitch, and tone</p> <p>1.8 Analyze the use of rhetorical devices (e.g., <i>cadence, volume</i>) for effect</p> <p>1.9 Identify persuasive and propaganda used in television</p>	<p>2.0 Speaking Applications</p> <p>2.1 Deliver narrative presentations</p> <p>2.2 Deliver informative presentations</p> <p>2.3 Deliver oral responses to literature</p> <p>2.4 Deliver persuasive presentations</p> <p>2.5 Deliver presentations on problems and solutions</p>

Napa Valley Unified School District

Language Arts and Mathematics Standards



GRADE SIX

Mathematics

By the end of grade six, students have mastered the four arithmetic operations (adding, subtracting, multiplying, and dividing) with whole numbers, positive fractions, positive decimals and positive and negative integers; they compute and solve problems and apply their knowledge to statistics and probability. Students understand the concepts of mean, median, mode and range. They analyze for possible bias and misleading conclusions; they add and multiply fractions to calculate probability. Students understand ratios and proportions: they compute percentages (e.g., tax, tips, interest). Students know formulas for the circumference and area of a circle. They use letters for numbers in formulas involving geometric shapes and in ratios to represent an unknown part of an expression. They solve one-step linear equations.

Number Sense

Fractions, Decimals, Mixed Numbers, Ratios, Proportions, Percents

- 1.1 Compare and order positive and negative fractions, decimals and mixed numbers and place them on a number line
- 1.2 Interpret ratios (e.g., *batting averages*); use ratios to show the relative sizes of two quantities (e.g., a/b , $a:b$, a to b)
- 1.3 Use proportions to solve problems; find the length of a side of a polygon. Use cross-multiplication as a method for solving problems
- 1.4 Calculate percentages and solve problems involving discounts at sales, interest earned, tax and tips

Addition, Subtraction, Multiplication, and Division

- 2.1 Solve problems involving addition, subtraction, multiplication and division of positive fractions and explain why an operation (+, -, x, or /) was used for a given situation

Mathematics

Number Sense (continued)

- 2.2 Multiply and divide fractions
- 2.3 Add, subtract, multiply and divide using positive and negative numbers and combinations of these operations
- 2.4 Find the least common multiple and the greatest common divisor of whole numbers; solve problems with fractions (e.g., $3/8 + 1/2$)

Algebra and Functions

Algebraic Expressions

- 1.1 Write and solve one-step equations with one variable (e.g., $y - 2 = 10$; *What is the value of y? Answer: $y = 12$*)
- 1.2 Write an algebraic expression for a given situation, using up to three variables
- 1.3 Use algebraic order of operations and the commutative, associative, and distributive properties to solve problems [e.g., *Simplify: $(4^3 + 7) - (5 - 8)^3$*]
- 1.4 Solve problems using the correct order of operations by hand or with a scientific calculator

Rates and Proportions

- 2.1 Convert one unit of measurement to another (*inches to centimeters or feet to miles*)
- 2.2 Understand that rate is a measure of one quantity per unit value of another quantity (e.g., *Joe can type 9 words in 8 seconds. At this rate, how many words can he type in one minute?*)
- 2.3 Solve problems involving rate, speed, distance and time

Geometric Patterns

- 3.1 Use variables to express geometric quantities (e.g., *The formula for perimeter is $P = 2l + 2w$*)
- 3.2 Express in symbolic form simple geometric relationships (e.g., *How would you express the perimeter of a rectangle with a width of 15 inches? Answer: $P = 30 + 2w$*)

Mathematics

Measurement and Geometry

- 1.1 Know the formulas for the circumference and area of a circle
- 1.2 Know estimates of Pi (π) (i.e., 3.14 or 22/7) and use to solve problems
- 1.3 Know the formulas for volume of a rectangular prism and cylinder ($V = \text{area of base} \times \text{height}$)
- 2.1 Identify vertical, complementary, supplementary and adjacent angles
- 2.2 Use the properties of angles to solve problems involving an unknown angle
- 2.3 Draw three and four-sided figures

Statistics, Data Analysis and Probability

Data and Statistics

- 1.1 Compute range, mean, median and mode
- 2.1 Know different samples (*survey, random*)
- 2.3 Analyze data; explain why the way the question was asked might affect results
- 2.4 Explain sampling errors
- 2.5 Identify and validate claims based on data

Probability

- 3.1 Represent all outcomes for events
- 3.3 Represent probabilities as ratios, proportions, decimals between 0 and 1 and percentages between 0 and 100
- 3.5 Know the difference between independent and dependent events

Standard 5 – Mathematical Reasoning

- 1.4 Analyze problems by identifying relationships, distinguishing relevant from irrelevant information, identifying missing information, sequencing and prioritizing information, and observing patterns
- 3.0 Use strategies, skills, and concepts in finding solutions

(Mathematical Reasoning is embedded in all Strands.)