California State Standards Temecula Valley Unified School District Grade 5 <u>English Language Arts</u>

Introduction:

Common learning goals within the California State Standards (CCSS) provide a clear vision of what educators and parents in our state should aim for. These learning goals help ensure that students meet college and work expectations, are prepared to succeed in a global economy and society, and are provided with rigorous content and application of higher knowledge thinking. The California State Standards for English Language Arts and Math for your students are provided in the handout.

Reading Standards for Literature

	Key Ideas and Details	
RL 5.1	Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.	
RL 5.2	Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.	
RL 5.3	Compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text (e.g., how characters interact).	
	Craft and Structure	
RL 5.4	Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes. (See grade 5 Language standards 4–6 for additional expectations.)	
RL 5.5	Explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem.	
RL 5.6	Describe how a narrator's or speaker's point of view influences how events are described.	
	Integration of Knowledge and Ideas	
RL 5.7	Analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text (e.g., graphic novel, multimedia presentation of fiction, folktale, myth, poem).	
RL 5.8	(Not applicable to literature)	
RL 5.9	Compare and contrast stories in the same genre (e.g., mysteries and adventure stories) on their approaches to similar themes and topics.	
	Range of Reading and Level of Text Complexity	
RL5.10	By the end of the year, read and comprehend literature, including stories, dramas, and poetry, at the high end of the grades 4–5 text complexity band independently and proficiently.	

Reading Standards for Informational Text

	Key Ideas and Details	
RI 5.1	Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.	
RI 5.2	Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.	
RI 5.3	Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.	
	Craft and Structure	
RI5.4	Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area. <u>(See grade 5</u> Language standards 4–6 for additional expectations.)	
RI 5.5	Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.	
RI 5.6	Analyze multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent.	
	Integration of Knowledge and Ideas	
RI 5.7	Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.	
RI 5.8	Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).	
RI 5.9	Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.	
	Range of Reading and Level of Text Complexity	
RI5.10	By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4–5 text complexity band independently and proficiently.	

Reading Standards: Foundational Skills

Phonics and Word Recognition		
RF 5.3	Know and apply grade-level phonics and word analysis skills in decoding words.	
	RF5.3a. Use combined knowledge of all letter-sound correspondences, syllabication patterns, and morphology (e.g., roots and affixes) to read accurately	
	unfamiliar multisyllabic words in context and out of context.	
Fluency		
RF5.4	Read with sufficient accuracy and fluency to support comprehension.	
	RF5.4a. Read on-level text with purpose and understanding.	
	RF5.4b. Read on-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings.	
	RF5.4c. Use context to confirm or self-correct word recognition and understanding, rereading as necessary.	

Writing Standards

	witting Standards	
	Text Types and Purposes	
W5.1	Write opinion pieces on topics or texts, supporting a point of view with reasons and information.	
	W5.1a. Introduce a topic or text clearly, state an opinion, and create an organizational structure in which ideas are logically grouped to support the writer's	
	purpose.	
	W5.1b. Provide logically ordered reasons that are supported by facts and details.	
	W5.1c. Link opinion and reasons using words, phrases, and clauses (e.g., consequently, specifically).	
	W5.1d. Provide a concluding statement or section related to the opinion presented.	
W5.2	Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	
	W5.2a. Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (e.g., headings),	
	illustrations, and multimedia when useful to aiding comprehension.	
	W5.2b. Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.	
	W5.2c. Link ideas within and across categories of information using words, phrases, and clauses (e.g., in contrast, especially).	
	W5.2d. Use precise language and domain-specific vocabulary to inform about or explain the topic.	
	W5.2e. Provide a concluding statement or section related to the information or explanation presented.	
W5.3	Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.	
	W5.3a. Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.	
	W5.3b. Use narrative techniques, such as dialogue, description, and pacing, to develop experiences and events or show the responses of characters to	
	situations.	
	W5.3c. Use a variety of transitional words, phrases, and clauses to manage the sequence of events.	
	W5.3d. Use concrete words and phrases and sensory details to convey experiences and events precisely.	
	W5.3e. Provide a conclusion that follows from the narrated experiences or events.	
	Production and Distribution of Writing	
W5.4	Produce clear and coherent writing <u>(including multiple-paragraph texts</u>) in which the development and organization are appropriate to task, purpose, and	
	audience. (Grade-specific expectations for writing types are defined in standards 1–3 above.)	
W5.5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new	
	approach. (Editing for conventions should demonstrate command of Language standards 1–3 up to and including grade 5.)	
W5.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate	
	with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.	
	Research to Build and Present Knowledge	
W5.7	Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.	
W5.8	Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes	
	and finished work, and provide a list of sources.	
W5.9	Draw evidence from literary or informational texts to support analysis, reflection, and research.	
	W5.9a. Apply grade 5 Reading standards to literature (e.g., "Compare and contrast two or more characters, settings, or events in a story or a drama,	
	drawing on specific details in the text [e.g., how characters interact]").	
	W5.9b. Apply grade 5 Reading standards to informational texts (e.g., "Explain how an author uses reasons and evidence to support particular points in a	
	text, identifying which reasons and evidence support which point[s]").	
	Range of Writing	
W5.10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range	
	of discipline-specific tasks, purposes, and audiences.	

Speaking and Listening Standards

	Comprehension and Collaboration	
SL5.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building	
	on others' ideas and expressing their own clearly.	
	SL5.1a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the	
	topic to explore ideas under discussion.	
	SL5.1b. Follow agreed-upon rules for discussions and carry out assigned roles.	
	SL5.1c. Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.	
	SL5.1d. Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions.	
SL5.2	Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
SL5.3	Summarize the points a speaker or media source makes and explain how each claim is supported by reasons and evidence, and identify and analyze any	
	logical fallacies.	
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SL5.4 SL5.5	Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace. a. Plan and deliver an opinion speech that: states an opinion, logically sequences evidence to support the speaker's position, uses transition words to effectively link opinions and evidence (e.g., consequently and therefore), and provides a concluding statement related to the speaker's position.	
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Language Standards

Conventions of Standard English

L5.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
	L5.1a. Explain the function of conjunctions, prepositions, and interjections in general and their function in particular sentences.
	L5.1b. Form and use the perfect (e.g., I had walked; I have walked; I will have walked) verb tenses.
	L5.1c. Use verb tense to convey various times, sequences, states, and conditions.

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	L5.1d. Recognize and correct inappropriate shifts in verb tense.
	L5.1e. Use correlative conjunctions (e.g., either/or, neither/nor).
L5.2	Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
	L5.2a. Use punctuation to separate items in a series.
	L5.2b. Use a comma to separate an introductory element from the rest of the sentence.
	L5.2c. Use a comma to set off the words yes and no (e.g., Yes, thank you), to set off a tag question from the rest of the sentence (e.g., It's true, isn't it?), and
	to indicate direct address (e.g., Is that you, Steve?).
	L5.2d. Use underlining, quotation marks, or italics to indicate titles of works.
	L5.2e. Spell grade-appropriate words correctly, consulting references as needed.
	Knowledge of Language
L5.3	Use knowledge of language and its conventions when writing, speaking, reading, or listening.
	L5.3a. Expand, combine, and reduce sentences for meaning, reader/listener interest, and style.
	L5.3b. Compare and contrast the varieties of English (e.g., dialects, registers) used in stories, dramas, or poems.
	Vocabulary Acquisition and Use
L5.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range
	of strategies.
	L5.4a. Use context (e.g., cause/effect relationships and comparisons in text) as a clue to the meaning of a word or phrase.
	L5.4b. Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a word (e.g., photograph, photosynthesis).
	L5.4c. Consult reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation and determine or clarify the
	precise meaning of key words and phrases and to identify alternate word choices in all content areas.
L5.5	Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
	L5.5a. Interpret figurative language, including similes and metaphors, in context.
	L5.5b. Recognize and explain the meaning of common idioms, adages, and proverbs.
	L5.5c. Use the relationship between particular words (e.g., synonyms, antonyms, homographs) to better understand each of the words.
L5.6	Acquire and use accurately grade-appropriate general academic and domain-specific words and
	phrases, including those that signal contrast, addition, and other logical relationships (e.g.,
	however, although, nevertheless, similarly, moreover, in addition).

College and Career Readiness Anchor Standards for Reading

The K–5 standards on the following pages define what students should understand and be able to do by the end of each grade. They correspond to the College and Career Readiness (CCR) anchor standards below by number. The CCR and grade-specific standards are necessary complements—the former providing broad standards, the latter providing additional specificity—that together define the skills and understandings that all students must demonstrate.

Key Ideas and Details

- 1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
 - 2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
 - 3. Analyze how and why individuals, events, and ideas develop and interact over the course of a text.

Craft and Structure

- 4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
- 5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
- 6. Assess how point of view or purpose shapes the content and style of a text.

Integration of Knowledge and Ideas

- 7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.
- 8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
- 9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

Range of Reading and Level of Text Complexity

10. Read and comprehend complex literary and informational texts independently and proficiently.

Mathematics

	Operations and Algebraic Thinking (5.0A)	
Write an	d interpret numerical expressions.	
5.0A.1	Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols	
5.OA.2	Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation "add 8 and 7, then multiply by 2" as 2 × (8 + 7). Recognize that 3 × (18,932 + 921) is three times as large as 18,932 + 921, without having to calculate the indicated sum or product.	
<u>5.0A.</u> <u>2.1</u>	Express a whole number in the range 2-50 as a product of its prime factors. For example, find the prime factors of 24 and express 24 as 2x2x2x3.	
Analyze	patterns and relationships.	
5.OA.3	Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns, and graph the ordered pairs on a coordinate plane. For example, given the rule "Add 3" and the starting number 0, and given the rule "Add 6" and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.	

Understand the place value system 5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it

Number and Operations in Base Ten 5.NBT)

	represents in the place to its left.
5.NBT.2	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.
5.NBT.3	Read, write, and compare decimals to thousandths.
	5.NBT.3a. Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.
	5.NBT.3b. Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
5.NBT.4	Use place value understanding to round decimals to any place.
-	Use place value understanding to round decimals to any place. operations with multi-digit whole numbers and with decimals to hundredths.
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Perform	operations with multi-digit whole numbers and with decimals to hundredths.

<u>Number and Operations—Fractions (5.NF)</u> Use equivalent fractions as a strategy to add and subtract fractions.	
Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result $2/5 + 1/2 = 3/7$, by observing that $3/7 < 1/2$.	
nd extend previous understandings of multiplication and division to multiply and divide fractions.	
Interpret a fraction as division of the numerator by the denominator (a/b = a \div b). Solve word problems involving division of whole numbers leading to answers in the form of fractions, mixed numbers, <u>or decimal fractions</u> , e.g., by using visual fraction models or equations to represent the problem. For example, interpret 3/4 as the result of dividing 3 by 4, noting that 3/4 multiplied by 4 equals 3, and that when 3 wholes are shared equally among 4 people each person has a share of size 3/4. If 9 people want to share a 50-pound sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?	
Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. a. Interpret the product (a/b) × q as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a × q \div b$. For example, use a visual fraction model to show (2/3) × 4 = 8/3, and create a story context for this equation. Do the same with (2/3) × (4/5) = 8/15. (In general, (a/b) × (c/d) = ac/bd.) b. Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.	
Interpret multiplication as scaling (resizing), by: 5.NF.5a. Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication. 5.NF.5b. Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction equivalence a/b = (n × a)/(n × b) to the effect of multiplying a/b by 1.	
Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.	
Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions.1 5.NF.7a. Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for (1/3) ÷ 4, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that (1/3) ÷ 4 = 1/12 because (1/12) × 4 = 1/3. 5.NF.7b. Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create a story context for 4 ÷ (1/5), and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that 4 ÷ (1/5) = 20 because 20 × (1/5) = 4. 5.NF.7c. Solve real world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will each person get if 3 people share 1/2 lb of	

	Measurement and Data (5.MD)	
Convert l	Convert like measurement units within a given measurement system.	
5.MD.1	Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions	
	in solving multi-step, real world problems.	
Represer	Represent and interpret data.	
5.MD.2	Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.	
Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.		
5.MD.3	Recognize volume as an attribute of solid figures and understand concepts of volume measurement. 5.MD.3a. A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume. 5.MD.3b. A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.	
5.MD.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.	
5.MD.5	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. 5.MD.5a. Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole-number	

products as volumes, e.g., to represent the associative property of multiplication.
5.MD.5b. Apply the formulas V = I × w × h and V = b × h for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.
5.MD.5c. Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.

	<u>Geometry (5.G)</u>	
Graph	Graph points on the coordinate plane to solve real-world and mathematical problems.	
5.G.1	Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., x-axis and x-coordinate, y-axis and y-coordinate).	
5.G.2	Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.	
Classify	v two-dimensional figures into categories based on their properties.	
5.G.3	Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles.	
<u>5.G.</u>	Distinguish among rectangles, parallelograms, and trapezoids.	
<u>3.1</u>		
5.G.4	Classify two-dimensional figures in a hierarchy based on properties.	
5.G.5	Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° and use this information to solve problems.	
	(CA-Standard MG 2.2)	
<u>5.G.6</u>	Derive and use the formula for the area of a triangle and of a parallelogram by comparing it with the formula for the area of a rectangle (i.e. two of the same triangles make a parallelogram with twice the area; a parallelogram is compared with a rectangle of the same area by cutting and pasting a right triangle are the neural beauting of the same area by cutting and pasting a right triangle are the neural beauting of the same area by cutting and pasting a right triangle are the neural beauting of the same area by cutting and pasting a right triangle are the neural beauting of the same area by cutting and pasting a right triangle are the neural beauting of the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area by cutting and pasting a right triangle area the neural beauting the same area the same area by cutting triangle area the same area t	
	triangle on the parallelogram). (CA-Standard MG 1.1)	

Standards for Mathematical Practice

The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. These practices rest on important "processes and proficiencies" with longstanding importance in mathematics education. The first of these are the NCTM process standards of problem solving, reasoning and proof, communication, representation, and connections. The second are the strands of mathematical proficiency specified in the National Research Council's report *Adding It Up*: adaptive reasoning, strategic competence, conceptual understanding (comprehension of mathematical concepts, operations and relations), procedural fluency (skill in carrying out procedures flexibly, accurately, efficiently and appropriately), and productive disposition (habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy).

1. Make sense of problems and persevere in solving them.

2. Reason abstractly and quantitatively.

3. Construct viable arguments and critique the reasoning of others.

4. Model with mathematics.

5. Use appropriate tools strategically.

6. Attend to precision.

7. Look for and make use of structure.

8. Look for and express regularity in repeated reasoning.