



Academic Vocabulary

Grades K-12 ELA and K-7 Math

This document uses the California Content Standards Frameworks, California State Test Released Test Questions, and the California High School Exit Exam Released Test Questions as sources of vocabulary that students will encounter in grades K-12. As of the date this document was created, the California Content Standards frameworks and Released Test Questions (RTQs) can be accessed from the following websites:

Standards: <http://www.cde.ca.gov/be/st/ss/>

CST RTQ: <http://www.cde.ca.gov/ta/tg/sr/css05rtq.asp>

CAHSEE RTQ: <http://www.cde.ca.gov/ta/tg/hs/resources.asp>

Please note, periodically the web addresses for these resources change. Typically, these resources can be easily accessed by going to google.com and searching for "CST Released Test Questions," "CAHSEE Released Test Questions," or "California Content Standards."

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|-------|--|--|---|
| K | Alphabet, Author, Characters, Circle, Color, Compare, Count, Draw, Group, Listen, Letter, Match, Number, Read, Rhyme, Say, Sentence, Setting, Show, Table of contents, Tell, Title, Think, Word, Write | Add, Count, Estimate, Larger, Longer, Order, Pattern, Shapes, Shorter, Smaller, Sort, Subtract, Taller, Time | Words derived only from standards. |
| 1 | Author, Category, Change, Character, Circle, Color, Compare, Create, Declarative sentence, Describe, Draw, Exclamatory sentence, Focus, How, Listen, Look, Make, Mark, Match, Name, Noun (singular and plural), Plot, Point, Predict, Punctuation, Read, Rhyme, Sentence, Sequence, Setting, Show, Sort, Tell, Title, What, When, Where, Who, Write | Add, Chart, Coins, Count, Estimate, Fill in (blank values), Graph, Group, Larger, Length, Order, Pattern, Place value, Shorter, Smaller, Sort, Subtract, Symbols (mathematical), Taller, Time, Value, Volume, Weight | Words derived only from standards. |
| 2 | Abbreviation, Adjective, Alliteration, Answer, Antonym, Atlas, Capitalized, Characters, Choose, Circle, Compare, Complete, Compound word, Consonant, Contrast, Correctly, Culture, Detail, Dictionary, Diphthong, Discuss, Draw, End, Explain, Fact, Find, List, Mainly, Noun, Organize, Paragraph, Part of speech, Phonics, Plot, Plural, Prefix, Pronoun, Punctuate, Question, Read, Rhyme, Rhythm, Sequence, Setting, Singular, Sound, Step, Story, Suffix, Syllables, Synonym, Table of Contents, Thesaurus, Title, Verb, Vowel, What, When, Where, Which, Who, Why, Write | Addition, Associative, Centimeters, Chart, Circle, Coins, Commutative, Cube, Difference, Digits, Division, Estimate, Faces, Fill in (blank values), Fractions (1/12 to 1/2), Graph, Greatest, Inches, Inverse relationship (addition & subtraction), Largest, Length, Linear pattern, Mode, Multiplication, Number sentence, Order, Perimeter, Place value, Plane, Polygon, Product, Pyramid, Range, Rectangle, Rectangular prism, Remainders, Shapes, Sign, Smallest, Solid (shape), Sphere, Solution, Subtraction, Sum, Time, Times (multiplication), Total, Triangle, Unit (standard and nonstandard), Value, Whole numbers | Questions read aloud, some vocabulary included from read aloud directions. Includes math and English vocabulary from CST RTQs. Includes standards vocabulary. |

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|-------|--|--|--|
| 3 | <p>Adjectives, Alliteration, Alphabetical order, Analyze, Answer, Antonym, Atlas, Author, Best option, Capitalization, Choose, Circle, Collect, Complete, Compound word, Create, Declarative sentence, Describe, Dictionary, Discuss, Draft, Drama, Draw, Effect, Exclamatory sentence, Expository, Fable, Fairy tale, Fiction, Flow of ideas, Folktale, Future tense, Glossary, Heading (chapter), Homophone, Homograph, Identify, Index, Imperative, Interrogative, Imperative, Label, Legend, List, Meaning, More than, Myth, Narrative, Narrator, Non-fiction, Onomatopoeia, Paragraph, Past tense, Poetry, Predicate, Predict, Present tense, Pronoun, Punctuate, Question, Read, Recall, Revise, Rewrite, Rhyme, Show, Speaker, Standard form, Subject, Suffix, Supporting details, Syllables, Synonym, Table of contents, Theme, Title, Thesaurus, Topic sentence, Use, Verb, Vowel</p> | <p>Addition, Angle, Approximate, Area, Associative, Chart, Commutative, Conversion, Decimal, Difference, Digits, Division, Division sentence, Equal to, Estimate, Evaluate, Expression, Fill in (blank values), Fractions, Graph, Inequality, Inverse relationship (multiplication and division), Isosceles, Length, Less than, Linear pattern, Metric measures, Multiplication sentence, Negative, Number sentence, Order, Perimeter, Place value, Polygon, Probability, Quantity, Rounded, Simplify, Shapes, Solution, Sum, Times, Triangle, Volume</p> | <p>Includes math and English vocabulary from CST RTQs.</p> <p>Includes standards vocabulary.</p> |
| 4 | <p>Adjectives, Adverbs, Affixes, Antonym, Appositive, Bibliography, Cause and effect, Chronological order, Combine, Compare, Complete, Complex (sentence), Compound (sentence), Conclude, Congruent, Contrast, Coordinate, Create, Derivation, Describe, Dictionary, Difference, Discuss, Draw, Examine, Fable, Fact, Figurative language, Foreshadow, Group, Homophone, Hyperbole, Hypothesize, Identify, Idiom, Illustration, Journal entry, *Letter, List, Main character, Metaphor, Opinion, Ordered Pair, Organize, Organized, Orienteering, Passage, Participial phrase, Personification, Prepositional phrase, Proposition and support, Punctuated, Purpose, Quote, Reference, Review, Revise, Root word, Sequential, Simile, Simple (sentence), Statement, Summarize, Support, Suppose, Synonym, Thesaurus, Title, Topic sentence, Underline, Use, Verb tense, Word origins, Write</p> | <p>Acute, Algorithm, Approximately, Area, Composite number, Congruent, Diameter, Digits, Equation, Estimate, Expression, Fill in (blank values), Formula, Fraction, Geometric solids and shapes, Greatest, Greatest Common Factor, Line segment, Line symmetry, Linear, Mixed numbers, Mean, Median, Mode, Negative, Number Line, Number sentence, Obtuse, Outlier, Parallel, Parentheses, Perimeter, Perpendicular, Positive, Prime number, Probability, Product (of numbers), Quadrilateral, Radius, Rectangle, Reflection, Right angle, Rotation, Rotational symmetry, Rounded, Sequence, Standard form (numbers), Symmetry (rotational and bilateral), Value, Whole (number)</p> | <p>*Written letter of correspondence, not an alphabetical letter.</p> <p>Includes math and English vocabulary from CST RTQs.</p> <p>Includes standards vocabulary.</p> |

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|-------|--|---|--|
| 5 | <p>Analyze, Antonym, Appositive, Archetypal patterns, Bibliography, Capitalize, Chronological order, Citation, Colon, Compare, Complete, Conclude, Concept, Conclusions, Conflict, Conjunction, Context, Contrast, Contractions, Coordinate, Create, Cultures, Definition, Denominator, Dependent clause, Describe, Diagrams, Discuss, Drama, Eras, Examine, Expository, Fact, Fiction, Figurative meaning, Format, Generalizations, Homograph, Idea, Identify, Illustrations, Imagery, Include, Independent clause, Inferences, Latin root, Literal meaning, Literary devices, Main idea, Main problem, Maps, Metaphor, Modifiers, Moral, Motives, Myth, Narrative, Nonfiction, Opinion, Organize, Origin, Phrase, Plot, Poetry, Prefix, Pronoun, Punctuate, Prepositional phrase, Purpose, Quotations, Research, Roots, Semicolon, Setting, Sequence, Suffix, Summarize, Symbol, Synonym, Synthesize, Theme, Timeline, Topic sentence, Tradition, Transition, Underline, Word origins</p> | <p>Acute, Addition, Angle, Area, Congruent, Coordinate, Decimal, Equation, Equation table, Equivalent, Estimate, Evaluate, Exponent, Expression, Fill in, Fraction, Function table, *Geometric shapes, Graph, Greatest Common Factor, Least Common Multiple, Linear equation, Mean, Median, Mode, Negative, Number line, Obtuse, Order of Operations, Ordered pair, Origin (Cartesian graph), Parallel, Percent, Perfect Square, Perimeter, Perpendicular, Positive, Prime factorization, Prime Number, Product, Quadrant, Right angle, Rounded (numbers), Subtraction, Surface Area, Value, Variable, Volume</p> | <p>*Geometric shapes such as parallelograms and triangles and the relationships between shapes.</p> <p>Includes math and English vocabulary from CST RTQs.</p> <p>Includes standards vocabulary.</p> |
| 6 | <p>Adapt, Adjust, Analyze, Answer, Argument, Autobiography, Biography, Capitalize, Choose, Clarify, Climatic order, Comparison, Complex sentence, Compound Predicates, Compound sentence, Compound-complex sentence, Conclude, Conduct, Conflicting information, Conjunction, Contrast, Conversation, Debate, Define, Design, Destructive and creative, Develop, Discussion, Editorial, Emphasize, Estimate, Evidence, Expand, Expository, Facts, Fiction, Figurative language, First person, Future Perfect, Generalize, Generate, Historical fiction, Imply, Indefinite pronouns, Indentify, Inference, Interpret, Isolate, Justify, Literary device, Locate, Logical notes, Magazines, Main idea, Mark, Modify, Narrative, Newspaper, Online information, Opinion, Organizational pattern, Outline, Past Perfect, Perspective, Persuade, Phrase, Plot, Predict, Present Perfect, Punctuation, Repetition, Report, Rewrite, Rhythm, Select, Shades of meaning, Simile, Spatial order, Stanza, State, Subordination, Summarize, Synthesize, Third person, Tone, Transition, Underline, Vary</p> | <p>Acute, Algebraic expression, Angles (vertical, adjacent, complementary, supplementary), Area, Associative, Calculate, Circumference, Common divisor, Commutative, Complementary, Constant, Conversion, Decimal, Denominator, Difference, Distributive, Equation, Expression, Fill in (blank values), Fraction, Greatest & least (numbers), Greatest common divisor, Grid, Lowest terms, Mean, Median, Mode, Multiplicative Inverse, Negative, Number line, Obtuse, Outliers, Order of operations, Ordered pair, Percent, Positive, Prime factorization, Probability, Product, Proportions, Quadrilaterals, Quantities, Radius, Rate, Revolution, Right, Rounded, Sample, Supplementary, Tables, Triangles, Tree diagram, Value, Variable</p> | <p>Includes 6th grade math CAHSEE RTQs vocabulary.</p> <p>Includes math and English vocabulary from CST RTQs.</p> <p>Includes standards vocabulary.</p> |

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|-------|--|--|---|
| 7 | <p>Active voice, Adjective, Affix, Analogies, Anecdote, Antecedent, Argument, Assume, Bias, Cause, Change, Cite, Claim, Combine, Compare, Complex Sentence, Composition, Compound Sentence, Conclude, Contradict, Contradiction, Contrast, Convey, Define, Demonstrate, Dependent Clause, Derivative, Describe, Determine, Develop, Discuss, Effect, Emphasize, Essay, Establish, Explain, Expository, Express, Factual evidence, First person, Foreshadow, Form, Greek prefix, Hyphen, Idiom, Illustrate, Imply, Include, Independent Clause, Indicate, Infer, Infinitive, Insert, Label, Latin root, Link, Metaphor, Modifier, Narrative, Novel, Novella, Objective, Objective, Observe, Omniscient, Order, Organize, Outline, Part of Speech, Participles, Passive voice, Perspective, Persuade, Place, Plot, Point of view, Predicate, Prefix, Preposition, Produce, Pronoun, Provide, Purpose, Recall, Refer, Reflect, Reinforce, Replace, Represent, Reveal, Revise, Restatement, Rewrite, Roots, Select, Semicolon, Sequence, Simile, Source, Short story, Speech pattern, Stanza, Stereotype, Structure, Subjective, Substitute, Suffix, Suggest, Summarize, Support, Theme, Third person, Tone, Unify, Vary, Verify</p> | <p>Absolute value, Algebraic expression, Angle, Area, Box-and-Whisker plot, Chart, Coefficient, Congruent, Coordinate Grid, Data set, Decimal (repeating & terminating), Denominator, Distributive Property, Equivalent, Expression, Fraction, Geometric shapes, Graph, Inequality, Integers, Inverse property of multiplication, Irrational numbers, Least common denominator, Linear function, Mean, Median, Midpoint, Mode, Number line, Order of operations, Percent, Perimeter, Perpendicular, Power, Pythagorean theorem, Range, Rate, Ratio, Rational (numbers), Rational numbers, Sale tax, Scale drawing, Scatter plot, Scientific Notation, Sides, Simple Interest, Slope, Solution set, Term, Variable, Weight,</p> | <p>Includes 7th grade math CAHSEE RTQs vocabulary.</p> <p>Includes math and English vocabulary from CST RTQs.</p> <p>Includes standards vocabulary.</p> |

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|--------|---|---|---|
| 8 | <p>Allegory, Ambiguity, Analogy, Appeal, Apposition, Assume, Attitude, Ballad, Bibliography, Capitalization, Cause, Change, Character foil, Cite, Claim, Climax, Coherence, Combine, Compare, Conclude, Conflict, Consumer document, Contemporary work, Contradict, Contrast, Convey, Couplet, Demonstrate, Describe, Determine, Develop, Dialect, Dialogue, Dictionary, Discrepancy, Discuss, Drama, Effect, Elegy, Emphasize, Epic, Establish, Example, Explain, Express, Form, Grammar, Heritage, Hyperbole, Idioms, Illustrate, Imagery, Imply, Include, Indicate, Infer, Insert, Internal consistency, Intersect, Irony, Juxtaposition, Label, Latin root, Link, Logic, Lyric, Manuscript form, Metaphor, Modifier, Mood, Narration, Observe, Ode, Opinions from authorities, Order, Organize, Outline, Parallel episodes, Parallel structure, Parallelism, Persuade, Place, Point of View, Portrayed, Produce, Provide, Public document, Purpose, Quotation, Recall, Recurring theme, Refer, Reflect, Reinforce, Relation, Replace, Represent, Reveal, Revise, Rewrite, Rhyme, Select, Sequence (time), Simile, Sensory detail, Sequence, Sonnet, Source, Speaker, Structure, Style, Subordination, Subplot, Suggest, Summarize, Support, Symbolism, Synthesize, Theme, Thesis, Thorough, Tone, Traditions, Traditional work, Transition, Unify/Unity, Vary, Verb tense, Verify, Voice, Workplace document, Write</p> | <p>Absolute value, Algebraic expression, Area, Average, Coordinate, Distributive Property over Addition, Divisible, Domain, Function, Integer, Ordered pair, Perimeter, Quadratic, Range, Reciprocal, Simplify, Slope, Solution Set, Solve, Subplots, Substitute, Variable, X-Intercept, Y-intercept, Zero Property of Multiplication</p> | <p>Includes only ELA CST RTQs and Alg 1 CAHSEE RTQs.</p> <p>Includes standards vocabulary.</p> |
| 9 & 10 | <p>Active voice, Adapt, Address (audience), Aesthetics, Aside, Audience, Bibliography, Cause, Characterize, Cite, Classify, Clause, Coherence, Combine, Comedy, Compare, Conclude, Conflict, Connotation, Coherence, Connotation, Contrast, Credibility, Denotation, Dialogue, Diction, Discrepancy, Drama, Dramatic monologue, Elaboration, Evaluation, Excerpt, External conflict, Figurative language/meaning, Flashback, Foil character, Foreshadowing, Formality, Genre, Grammar, Greek and Latin word roots, Illustrate, Imply, Incongruity, Insert, Internal conflict, Irony, List, Literary convention, Literal meaning, Main Purpose, Metaphor, Modifier, Mood, Motivation, Mythology, Order, Paraphrase, Passive voice, Personification, Present, Proverb, Provide, Punctuate, Purpose, Refer, Reference, Reflect, Relate, Relevance, Remark, Repetition, Replace, Revise, Rewrite, Scene, Scene design, Sequence, Simile, Soliloquy, Speech, Structure, Substitute, Subtleties, Suggest, Support, Syntax, Theme, Tone, Tragedy</p> | | <p>Only CST RTQs from 9th and 10th grade and CAHSEE RTQs vocabulary included.</p> <p>Includes standards vocabulary.</p> |

| Grade | ELA Academic Vocabulary | Math Academic Vocabulary | Notes |
|---|--|--------------------------|---|
| 11 & 12 | Adapt, Address, Aesthetics, Affix, Analogy, Appeal (emotion, reason, authority), Archetype, Assert, Audience, Author's intent, Cause, Characterize, Cite, Clarify, Classify, Combine, Compare, Conclude, Connote, Contrast, Convey, Critique, Dialogue, Diction, Debate, Dramatic, Etymology, Expository text, Figures of speech, Genre, Grammar, Imply, Inference, Insert, Interpretation, Irony, Latin root, List, Literary period, Literary Subgenre, Main Idea, Mood, Parallel structure, Parody, Pathos, Personification, Philosophical point, Platform (political), Point of view, Policy statements, Political system, Position (opinion), Present, Provide, Purpose, Refer, Reflect, Relate, Remark, Replace, Repetition, Revise, Rewrite, Rhetoric, Roots (Greek, Latin, and Anglo-Saxon, Satire, Sequence, Setting, Speaker, Speech, Style, Sub-Genre, Substitute, Subtlety, Suggest, Support, Theme, Tone, Transition, Validity, Viewpoint, Word choice | | Only 11th grade CST RTQs available for academic vocabulary. Includes standards vocabulary. |
| <p>Notes: Grades 2-11 are based on CST and CAHSEE RTQs and blueprints. Kindergarten and first grade vocabulary are solely from the standards. Grades 9/10 have identical blueprint, vocabulary from RTQs, and blueprints combined. Only grade 11 is tested, standards are also identical for Grades 11 and 12.</p> | | | |