

K-12 Sample English Language Arts Vocabulary
(revised June 2012)

K	1	2	3	4	5
Alphabet	Adjectives	Adverb	Abstract nouns	Affix	Affix
Author	Audience	Alliteration	Audience	Animations	Analyze
Back	Blends	Analyze	Bold	Categorize	Author's craft
Beginning	Character trait	Apostrophe	Captions	Chronology	Compare
Book	Collaborate	Bold Print	Cause/Effect	Concrete Words	Complex informational text
Capital	Comma	Caption	Comparative	Drama	Conclude
Characters	Complete and compound sentence	Compare	Complex sentence	First Hand Account	Conjunctions
Consonant	Comprehend	Conclusion	Conclusion	Formatting	Consult
Details	Conjunction	Context Clue	Context clues	Headings	Contrast
Different	Connections	Contraction	Diagrams/maps	Inference	Debate
End	Define	Contrast	Dialogue	Interactive Elements	Dialect
Events	Detail	Definition	Fable	Meter	Dialogue
Exclamation mark	Diagraph	Diagram	Figurative language	Mythology	Elaborate
Fluent	Discussion	Expression	Folktale	Narration	Establish
Front	Explanatory text	Fable	Headings	Paraphrase	Evaluate
Group	Expression	Facts	Histroical events	Pose (ask a question)	Evidence
Illustrations	Fable	Folktale	Hyperlinks	Prepositional Phrases	Expression
Illustrator	Fluency	Genre	Informational text	Prose	Figurative language
Letters	Glossary	Historical Text	Italics	Quotations	Fluency
Like	Heading	Icon	Keywords	Relative Adverbs/Pronouns	Inference
Listen	Informational text	Index	Line	Root	Interjections
Lowercase	Lesson ("moral" of the story)	Informative	Literal/non-literal	Second Hand Account	Interpret
Main topic	Narrative text	Introduction	Main idea	Sensory Details	Mood
Middle	Nouns (common, proper, possessive)	Main idea	Mood	Stage Directions	Multi-media
period	Opinion	Moral	Moral	Theme	Perspective
Question mark	Phrase	Paragraph	Multisyllable	Timelines	Prepositions
Read	Plot	Point of View	Myth	Transitional words	Quote
Retell	Poem	Reflexive	Narrator	Verse	Reflection
Retelling	Prefix	Revise/edit	Opinion		Register
Rhyme	Problem	Rhyme	Opinion		Research
Setting	Pronouns	Rhythm	Plot/story line		Stanza
Sight word	Punctuation	Subheading	Point of view		Summarize
Sound out	Research	Topic	Prefix/Suffix		Theme
Space	Root word		Scene		Tone
Text	Segment		Sidebar		Validity
Title	Sequence		Slang		Voice
Title Page	Setting		Stanza		

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Uppercase	Solution		Subheadings		
Vowel	Solve		Superlative		
Word	Solved		Text features		
	Spelling rule		Theme/central message		
	Suffix		Traits		
	Summary				
	Syllables				
	Table of contents				
	Text feature				
	Verbs				
	Writing process				

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6	7	8	English I	English II	English III & English IV
vague	alternate	Allusions	Allusion	Allegory	Abstract
thesis	analyze	Analogy	Antagonist	Allusion	Advocacy
significance	audience	Analyze	Aside	Anecdotal Information	Annotate
rubric	categorize	Argumentative	Bias	Archetype	Argument
relevant evidence	clarify	Bias	Character motivation	Audience	Articulate
pronouns	collaborate	Characterization	Characterization	Clarity	Citation
primary/secondary sources	complexity	Citation	Claim	Coherence	Context
preliminary determination	composition	Claim	Clauses	Colon Usage	Counterclaim
point of view	conceptual/concept	Connotation/denotation	Coherence	Connotation	Diction
plagiarism	concise	Elaborate	Comedy	Consensus	Digital media
perceive	Connotation/Denotation	Evaluate	Conflict	Credibility	Ethos
paraphrase	correspond	Evidence	Connotation	Cultural Perspective	Explicit
nuances	elaborate	Explanatory/information	Denotation	Denotation	Fallacy
multiple meaning words	embellish	Expository	Diction	Digital Media	Implicit
multimedia	Evaluate	Generalize	Dynamic character	Essay Types: Argumentative	Informational text/Literary no
interpret	evidence	Imagery/sensory	Evidence	Essay Types: Expository	Legal reasoning
inquiry	Explanatory	Inference	Figurative language	Essay Types: Narrative	Logos
Informational text	Explicit	Irony	Foil	Euphemism	MLA/APA
Inference	exposure	Literal/Figurative	Hyperbole	Generalization	Nuance
implied	figurative	Memoir	Inference	Grammatical Clauses	Paradox
Greek/Latin affixes	format	Point of view	Monologue	Grammatical Phrases	Pathos
formal voice	function	Relevant/irrelevant	Mood	Oxymoron	Perspective
figurative/connotative	implement	Stereotype	Objective	Parable	Plagiarism
explicitly	inconsistencies	Style	Parallelism	Parallel Structure	Rhetoric
explanatory text	Inference	Support	Plagiarism	Parenthetical Citation (MLA)	Sarcasm
elaborate	influence	Symbolism	Plot structure	Pronoun Types	Satire
cues (non-linguistic/linguistic)	interact	Theme	Protagonist	Semicolons Usage	Seminal
credible	literary	Thesis	Purpose	Simultaneous Narratives	Structure
convey	manipulate	Transition Words	Soliloquy	Synthesize	Style
conventions	mature	Satire	Static character	Thesis Statement	Subplot
coherent	medium	Textual Evidence	Subject verb agreement	Validity	Subtle
cite	mood (all ELA meanings)	Works Cited	Subjective	Works Cited	Syntax
bibliographic	Nuance		Theme		Synthesis
bias	Paraphrase		Thesis Statement		Textual evidence
analysis	Point of View		Tone		Theme/Central idea
	relevant		Tragedy		Understatement
	segment				Validity

K-12 Sample Math Vocabulary
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K	1	2	3	4	5
Add	<	a.m.	Area	Acute Angle	1st quadrant
Angle	=	Bar graph	Arrays	Approximate/approximately	Axis (x and y)
Circle	>	Cent(s) ¢	Attribute	Area models	Braces
Cone	Addition	Centimeter	Comparison	Benchmark fractions	Brackets
Cube	Analog	Column	Denominator	Change (\$)	Calculate
Cylinder	Attribute	Compose	Division/divide	Common denominator	Category
Edge	Closed	Dime	Elapsed Time	Composite	Computation
Equal	Compare	Dollar(s) \$	Equivalent	Convert/conversion	Conversion (convert)
Face	Counting back	Equation	Factor	Customary units	Coordinate plane
Fewer	Counting on	Estimate	Fraction	Decimal	Coordinate system
Flat	Decomposing	Even	Gram	Decompose/decomposition	Cubic Unit
Greater	Difference	Expanded form	Interval	Distance	Distributive Property
Heavy	Different	Foot (feet)	Kilogram	Dividend	Equivalent fraction (simplest/reduced)
Hexagon	Digital	Fourths	Liquid volume	Divisor	Exponents
Join	Equal share	Hexagon	Liter	End point	Expression
Leftover	Equal sign	Hundreds	Mass	Hundredths	Formula
Length	Equal to	Inch	Metric	Improper fractions	Gaps
Less	Greater than	Line plot	Multiplication/multiply	Inverse Operation	Hierarchy
Less of	Half hour	"make 10"	Numerator	Line segment	Horizontal
Long	Half of	Measuring tape	Parallel	Million	Hours
Longer	Halves	Meter	Parallelogram	Mixed numbers	Intersection of lines
More	Hour	Meter stick	Partition	Multiple	Kite
More of	Hour hand	Minutes	Pattern	Obtuse Angle	Line Plot
Number Words (Zero-one hundred)	Length	Model	Perimeter	Parallel	Metric Measure
Positional words	Less than	Nickel	Perpendicular	Perpendicular	Minutes
Rectangle	Minute hand	Odd	Plane figure	Prime	Operation
Same amount	Number line	p.m.	Polygon	Protractor	Ordered pairs
Same amount as	Ones	Pair	Product	Quotient	Origin
Separate	Open	Penny	Quadrilateral	Rays	Overlaps
Shorter	Subtraction	Pentagon	Reasonableness	Remainder	Parenthesis
Side	Sum	Picture graph	Rhombus	Rhombus	Partitioning
Solid	Tens	Quarter (25¢ and time)	Rounding	Right Angle	Rectangular arrays
Sphere	Three-dimensional	Row	Scale	Tenths	Right rectangular prism
Square	Trapezoid	Ruler	Side length	Unit fraction	Seconds
Subtract	Two-dimensional	Skip count	Square unit (m, in, ft)		Solid Figure

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K	1	2	3	4	5
Taller		standard form	Tiling		Subcategory
Total		Thirds			Thousandths
Triangle		Unknown			Unit fraction
Vertex		Yardstick			Vertical
Weight					Volume

**K-12 Sample Math Vocabulary
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6	7	8	CC Math I	CC Math II
absolute value	accepted value	alternate exterior angles	Binomial	Altitude
associative	additive inverse	alternate interior angles	Closure Property	Bias
associative property	arc	association	Concurrent	Bisector
base	center	bivariate	Conditional Frequency	Combinations
coefficient	central angle	clustering	Correlation Coefficient	Common Logarithm
commutative property	chord	coefficient	Decay	Completing the square
Conversion Factor	circumference	congruence	Diagonal	Compliment
dependent variable	commission	consecutive interior angles	Explanatory Variable	Conditional
dimensions	complementary angles	corresponding angles	Explicit	Congruent
distribution	complex fraction	cube root	Exponential	Cosine
distributive property	constant of proportionality (unit rate)	decimal notation	Factoring	Dilation
equivalent ratio	cross section	image	Growth	Disjoint
exponent	cross-product	input	Half-Life	Extraneous Roots
greatest common factor (GCF)	diameter	irrational number	Joint Frequency	Inverse Function
histogram	experimental probability	linear	Linear Pair	Inverse Variation
identity property	gratuity / tip	line-of-best fit	Lurking Variable	Lateral Area
independent variable	inference	magnitude	Marginal Frequency	Lurking Variable
inequality	markdown	non-linear	Maximum function value	Multiplicity, multiple zeros
integers	markup	output	Midpoint	Natural logarithms
interquartile range (IQR)	percent of change	perfect cube/square	Minimum function value	Observational Studies
least common multiple (LC M)	percent of error	pre-image	Monomial	Permutations
maximum	population	principle square root	Normal distribution	Quadratic formula
mean absolute deviation (MAD)	probability	Pythagorean theorem	Polynomial	Response Bias
mean box plots	proportion	radical	Quadratic	Sine
measure of center	radius	radicand	Recursive	Slant Height
median	repeating decimal	rate of change	Regression (Least Squares)	Wording Bias
minimum	sales tax	reflection	Relative (max and min)	
multiplicative inverse	sample	rotation	Relative Frequency	
percent	scale drawing	scatterplots	Residuals	
quadrant(s) I, II, III, IV	scale factor	scientific notation	Response Variable	
quartile(s) 1st, 2nd, 3rd	scale model	similar figures	Roots/Zeros/Solutions (quadratic)	
ratio	simple interest	slope-intercept form	Sequence (arithmetic and geometric)	
rational number	solution set	standard notation	Skewed distribution	
surface area	supplementary angles	substitution	Standard Deviation	
tape diagram	terminating decimal	transformation dilation	Translation (function)	

**K-12 Sample Math Vocabulary
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6	7	8	CC Math I	CC Math II
terms/like terms	theoretical probability	transversal	Trinomial	
unit rate	vertical angles	truncate	Uniform distribution	
variable		two-way-table	Variable	
		y-intercept		
		Systems of Linear Equations		

K-12 Sample Science Vocabulary
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Physical Science	Biology	Physics	Earth/Environmental	Chemistry
Acceleration	Aerobic	AC & DC	abiotic factor	Activation Energy
chemical property	Allele	Acceleration & Velocity	aerosols	Alpha Particle
complex machine	Anaerobic	Centripetal acceleration & force	air mass	Anion
conduction	Angiosperm	conductor	aquifer	Aqueous
covalent bond	Carbohydrate	Conservation of Energy	barycenter	Atomic Mass
Force	Catalyst	Conservation of Momentum	biodiversity	Atomic Number
Frame of reference	Cellular respiration	current	biosphere	Atomic Radii
friction	Diffusion	Displacement	biotic factor	Beta Particle
induction	Enzyme	Doppler Effect	carrying capacity	Binary Compound
ion	Evolution	Electromagnetics	chlorofluorocarbons	Bond Energy
ionic bond	Excretion	field lines	climate	Catalyst
isotope	Exponential	friction	deforestation	Cation
law of conservation of energy	Expression	gravity	density	Chemical Equilibrium
Law of Conservation of Matter	Gamete	impulse	ecological footprint	Chemical Reaction
longitudinal (compressional) wave	Gene	inclined plane	El Nino	Coefficients
magnetic domain	Gymnosperm	Induction	epicenter	Colligative Property
mechanical advantage	Homeostasis	inertia	estuary	Collision Theory
mechanical energy	Innate	Interference	focal point (focus)	Conservation of Mass
metallic bond	Lipid	Longitudinal & Transverse Wave	foliation	Covalent
mixture	Logistic	magnetism	fossil fuels	Dilution
Momentum	Metabolism	mass	fronts	Dipole-dipole forces
Newton's Laws	Natural selection	momentum	geohazards	Dispersion Forces
nuclear energy	Nucleic acid	Net Force	greenhouse effect	Electrolyte
Ohms Law	Organic	normal & parallel force	hydrologic cycle	Electromagnetic Radiation
Oxidation number	Osmosis	period & frequency	hydrosphere	Electron Affinity
parallel circuit	Phenotype	potential difference (<i>emf</i>)	invasive species	Electron Configuration
pH	Pheromone	reflection & refraction	Köppen climate classification system	Electron Configuration
physical property	Protein	resistance	limiting factors	Electronegativity
power	Regulation	scalar & vector	lithosphere	Empirical Formula
pure substance	Replication	series & parallel circuit	natural resources	Endothermic
series circuit	Taxonomy	tension	nuclear fusion	Excited State
simple machine	Transcription	trajectory	nutration	Exothermic
Speed/ Velocity	Transgenic	wavelength	plate tectonics	Fission
thermal energy	Translation	weight	precession	Frequency
transverse wave	Transport	work & power	relative humidity	Fusion
Uniform Motion	Vascular		revolution	Gamma Rays
valence electrons			rotation	Ground State
wave interference			runoff	Groups
work			specific heat	Half-life

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Physical Science	Biology	Physics	Earth/Environmental	Chemistry
			urbanization	Heat
				Heat of Fusion
				Heat of Vaporization
				Hydrate
				Hydrogen Bonds
				Indicator
				Intermolecular Forces
				Ion
				Ionic
				Ionic Radii
				Ionization Energy
				Isotope
				Kinetic Energy
				Kinetic Molecular Theory
				Lewis Structure
				Macromolecule
				Mass Number
				Metallic Bonds
				Molarity
				Mole Ratio
				Molecular Formula
				Neutralization
				Osmotic Pressure
				Oxidation number
				Periods
				Phase
				Polarity
				Polyatomic Ions
				Potential Energy
				Precipitate
				Radioactive Decay
				Solubility
				Specific Heat Capacity
				Subscripts
				Titration
				Transition elements
				Valence Electrons

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Physical Science	Biology	Physics	Earth/Environmental	Chemistry
				Valence Shell Electron Pair Repulsion Theory
				Vapor Pressure
				Wavelength

K-12 Sample Social Studies Vocabulary
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K	1	2	3	4	5
Beneath	Appropriate	Artifacts	Absolute	Agriculture	Agricultural
Characteristics	Atlas	Barter	Appointed	Capital	Balanced Budget
Citizenship	Authority	Biographies	Architecture	Conservation	Chronology
Climate	Beliefs	Compass rose	Checks/Balances	Constitution	Commercial
Community	Cardinal Directions	Evidence	Cultural Diffusion	Consumers	Common good
Conflict	Causes	Expressionism	Demographic Process	Consumption	Compromise
Differences	Celebrations	Finances	Economic Development	Crucial	Consensus
Directions	Ceremonies	Graphic Representation	Economic Development	Diversify	Cultural
Environment	Change	Incured Cost	Elected	Economy	Cultural Narratives
Fair	Community	Interview	Executive	Entrepreneurship	Debate
Globes	Compass	Key	Functions	Expansionism	Democratic Republic
Landforms	Customs	Legend	Historians	Exports	Division of Labor
Map	Diverse	Manufacturing Cost	Immigration	Impact	Economic Growth
Needs	Family	Primary and Secondary sources	Industry	Imports	Ethnic Regions
Observe	Festival	Protection	Influences	Incentives	Explorers
Physical features	Folklore	Recycle	Interdependence	Income	Geographic Limitations
Place	Goods and Services	Timeline	Judicial	Innovation	Harbor
Positional	National holiday	Vegetation	Legislative	Irrigation	Hydrology
Purchase	Neighborhood		Migration	Market economy	Immigration
Resources	Past		Natural Environment	Monarchy	Industrial
Responsible	Patriotic		Origin	Natural resources	Influence
Rules	Pattern		Perspectives	Political	Inhabitants
Seasons	Population		PLW	Private property rights	Instability
Shelter	Public transportation		Political Development	Productivity	Interactions
Similarities	Religion		Regions	Proprietary	Interconnected
Symbols	Revenue		Rural	Quality control	Interdependent
Temperature	Scarcity		Social Development	Scarcity	International Impacts
Unique	Services		Structure	Significance	International Trade
Wants	Supply and demand		Technological Innovations	Substance	Migration
Weather	Tradition		Unify	Textiles	Minority
	Trend		Urban	Tourism	Philosophical Theories
	Values		Veto	Tourism	Production
			Vicinity	Vitality	Prominent
				Voluntary exchange	Protested
					Reconstruction

K-12 Sample Social Studies Vocabulary
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6	7	8	Civics	World History	US History
Agriculture	Alliances	Abolition	amendment	Absolutism	Assimilation
Archaeology	Bi-lingual	Agrarian Society	bond	Arms Race	Capitalism
BCE and CE	Biological Warfare	Antebellum	boycott	Bureaucracy	Civil Rights
Bureaucrat	Capitalism	Boycott	bureaucracy	Caesar/Czar/Sultan	Colonization
Caste system	Climate Change	Charter	cabinet	Capitalism/Free Market Economy	Conflict/Compromise
City-state	Communism	Civil Disobedience	certificate of deposit	Centralization	Domestic/Foreign Policy
Civilization	Deforestation	Civil Rights	cloture	Civil Disobedience	Enviromentalism
Confucianism	Demographics	Containment	command economy	Cold War	Globalization
Conquest	Desertification	Colonization	commercial bank	Columbian Exchange	Immigration
Culture	Enlightenment	Domestic	credit	Containment	Industrialization
Democracy	Epidemic	Embargo	depression	Cultural Diffusion	Isolationism/Neutrality
Dynasty	Ethnic Cleansing	Equality	due process	Decolonization	Labor Movement
Feudalism	Genocide	Executive	economic interdependence	Division of Labor/Specialization	Laissez-Faire
Manorialism	Holocaust	Federal System	equilibrium point	Empiricism	Manifest Destiny
Matriarch	Imperialism	Framers	expressed powers	Enlightenment/Age of Reason	Migration
Medieval	Industrialization	Impeach	federalism	Fundamentalism/Terrorism	Nationalism
Monarchy	Innovation	Amend	filibuster	Genocide	Nativism
Oligarchy	Interdependence	Isolationism	gerrymandering	Globalization	Reform
Patriarch	Missionary	Judicial	great compromise	Great Silk Road	Revolution
Peninsula	Nationalism	Labor Union	implied powers	Humanism	Sectionalism
Philosophy	Natural Disasters	Legislative	income	Imperialism	Segregation
Polytheism	Negotiation	Monopoly	incumbent	Indian Ocean Trade Network	Suffrage
Population	Population Distribution	Neutrality	investing	Industrialization	Urbanization
Prehistory	Primary Source	Propaganda	jurisdiction	Legal Code	
Primary/Secondary	Push/Pull Factors	Racism	laissez-faire	Marxism/Communism	
Religion	Quality of Life	Ratify	liability	Mercantilism	
Republic	Reason	Rebellion	mixed economy	Militarism	
Revolution	Refugees	Representation	popular sovereignty	Nationalism	
Senate	Renaissance	Separation of Powers	precedent	Popular Sovereignty/Social Contract	
Specialization	Revolutions	Secession	price ceiling	Protestant Reformation	
Tyrant	Socialism	Suffrage	price floor	Secularism	
Vassal	Urbanization	Treason	recession	Serfdom	
Veto		Terrorism	revenue	Theocracy	
		Unalienable Rights	rule of law	Treaty of Versailles	
			totalitarian government	United Nations	