

Science K-2				
K	1	2	3	4
air	balance	amphibian	adaptation	atmosphere
alike	energy	attract	axis	chemical change
animal	evaporation	axis	carnivore	conservation
day	food chain	bird	community	constellation
different	force	consumer	condensation	density
Earth	gas	energy	consumer	deposition
energy	gravity	environment	decomposer	earthquake
gas	habitat	experiment	ecosystem	fossil
heat	heat	fish	environment	fulcrum
light	life cycle	food web	equator	galaxy
liquid	light	force	erosion	hypothesis
living	liquid	friction	evaporation	igneous rock
magnet	living	gravity	experiment	inclined plane
matter	mass	life cycle	herbivore	lever
moon	matter	mammal	investigation	magnetic
night	nonliving	mass	kinetic energy	metamorphic rock
nonliving	planet	matter	magnetism (magnetic)	microscopic
observe	predict	mixture	mixture	physical change
plant	recycle	moon phase	nonrenewable resource	protist
pulling	resource	motion	population	pulley
pushing	rock	pollution	potential energy	reflection
seed	season	predator	producer	refraction
shadow	shadow	prey	renewable resource	revolution
sky	soil	producer	revolution	rotation
solid	solid	reflect	rotation	scientific method
sound	sound	repel	solar system	sedimentary rock
star	speed	reptile	solution	universe
sun	temperature	rotation	system	variable
thermometer	vibrate	solar system	water cycle	volcano
weather	volume	vibrate	weathering	wheel and axle

Science				
5	6	7	8	9 - Integrated Sci
atom	abiotic	acceleration	atmosphere	Acceleration
change of state	adaptation	amplitude	carbon cycle	Activation energy
compound	allele	calorie	chemical weathering	Big Bang Theory
conduction	asexual reproduction	circuit	climate	Centripetal force
convection	biodiversity	conduction	comet	Circuit
deposition	biotic	conservation of energy	convection	Conduction
ecosystem	cell theory	convection	crust	Conservation of energy
element	conservation of energy	crest	dependent variable	Conservation of mass
energy pyramid	dependent variable	dependent variable	deposition	Convection
energy transfer	dominance	electromagnetic radiation	erosion	Dependent variable
erosion	ecosystem	electron	experimental control	Eclipse
gravitation	experimental control	entropy	fossil fuel	Electromagnetic
hypothesis	gene	experimental control	gravitational force	Fault
igneous rock	heterozygous	force	heat transfer	Galaxy
inertia	homozygous	frequency	hypothesis	Hypothesis
invertebrate	hypothesis	hypothesis	independent variable	Independent variable
kinetic energy	independent variable	independent variable	law	Inertia
metamorphic rock	law	inertia	mantle	Law
nonrenewable resource	mass	law	mass	Mass
photosynthesis	meiosis	magnetic field	meteor	Matter
potential energy	mitosis	mass	neap tide	Momentum
radiation	nucleus	neutron	ocean basin	Planetary motion
renewable resource	punnett square	pressure	planet	Plate tectonics
scientific method	recessive	proton	plate tectonics	Qualitative
sedimentary rock	scientific method	scientific method	scientific method	Quantitative
tissue	sexual reproduction	speed	sedimentation	Rate of reaction
topographical map (topography)	theory	theory	seismic wave	Spring tide

variable	tropism	thermal energy	spring tide	Theory
vertebrate	variable	trough	star	Thermodynamics
weathering	virus	variable	theory	Velocity
	volume	velocity	variable	
	weight	volume	volume	
		wavelength	weather	
		weight	weight	
			physical weathering	
Science				
10 - Biology	11 - Chemistry	11 - Integrated Science II		
Accuracy	Acid	Amino acids		
Activation energy	Activation energy	Atomic configuration		
Adaptation	Atomic theory	Catalyst		
Catalyst	Base	Cell membrane		
Cell theory	Catalyst	Chemical bonds		
Cellular respiration	Chemical bond	Covalent bond		
Classification	Concentration	DNA		
Consumer	Conservation of mass	Doppler effect		
Diversity	Covalent bond	Electric force		
DNA	Electron configuration	Electromagnetic		
Energy pyramid	Element	Endothermic reaction		
Genotype	Entropy	Equilibrium		
Half-life	Equilibrium	Exothermic reaction		
Meiosis	Heat of fusion	Flow of energy		
Membrane	Heat of vaporization	Genetic variation		
Mitosis	Ion	Genotype		
Mutation	Isotope	Magnetic force		
Natural selection	Mass	Meiosis		
Permeability	Mass number	Mitosis		
Phenotype	Matter	Natural selection		
Photosynthesis	Molecule	Newtonian mechanics		
Precision	Periodic table	Organic matter		

Predator	pH	Oxidation-reduction reaction		
Prey	Product	Protein synthesis		
Producer	Qualitative	Qualitative		
Protein	Quantitative	Quantitative		
Rate of reaction	Rate of reaction	Rate of reaction.		
Reproduction	Reactant	Species		
Species	Solubility	Velocity		
Stimulus	Stoichiometry	Waves		
Social Studies				
K	1	2	3	4
calendar	budget	barter	adapt	agriculture
chore	capital	colonist	ancestor	artifact
communicate	citizen	compass rose	century	barrier island
community	continent	conservation	citizenship	boundary
fairness	country	consumer	city	boycott
flag	earn	courage	civilization	cash crop
globe	freedom	crop	communication	civil rights
group	folktale	desert	community	climate
hero	geography	equator	custom	colony
holiday	history	explorer	exploration	compromise
job	inventor	factory	decade	Cracker
lake	law	festival	goods	cultural heritage
language	market	generation	government	discriminate
leader	needs	governor	immigrant	executive
map	ocean	honesty	income	export
money	opportunity	income	industry	geopolitical map
mountain	patriotic symbolsd	independence	invention	governor
neighborhood	plain	island	location	import
pictograph	population	landform	migration	integration

federal	ethnic group	generation	Federalism	global economy
immigrant	famine	genocide	justify	gross domestic product
Industrial Revolution	geography	hemisphere	legislature	gross national product
loyalist	Hinduism	interdependence	liberty	illiteracy
map scale	imperialism	maritime	Marbury v Madison	industrialization
Mayflower Compact	irrigation	mission	neutrality	infrastructure
Parliament	Islam	monarchy	nullify	innovation
petition	Judaism	navigable	popular sovereignty	migration
preamble	monotheism	parliament	preamble	nationalism
primary source	polytheism	philosophy	precedent	natural resource
repeal	scarce	president	prejudice	OPEC
representative gov't	socioeconomics	renaissance	propaganda	per capita income
republic	sub-continent	theocracy	ratify	population density
supply and demand	subsistence	trial	republic	recession
tariff	tolerance	tributary	revolution	representative democracy
Social Studies				
10th World History	11th Grade US History	U.S. Government	Economics	
assimilation	abolition	appropriations	budget	
autocracy	affirmative action	bicameral	business cycle	
bureaucracy	appeasement	Bill of Rights	capital	
capitalism	capitalism	conservative	collective bargaining	
city-state	compromise	constituency	comparative advantage	
civilization	conservative	constitution	compound interest	
Cold War	deflation	defendant	corporation	
Communism	democratic	democracy	debt	
conservatism	dictatorship	diplomacy	deficit	
constitutional government	emancipation	due process	demand	
culture	facism	equality	economics	
democracy	fundamental rights	executive	entrepreneurship	

character development	climax	conflict resolution	context clues	cause and effect relations
colon	closing	descriptive language	coordinating conjunction	character development
comma	comparison	<i>dis</i>	demonstrative pronoun	comparison
command	compound sentence	editorial	draws conclusions	conflict resolution
compare and contrast	compound verb	<i>er</i>	elaboration	contrast
conflict resolution	compound word	<i>est</i>	figurative language	draws conclusions
declarative sentence	conjunction	fact vs opinion	formal language	hyperbole
double negative	contrast	<i>foreshadowing</i>	<i>ful</i>	idiom
draws conclusions/makes inferences	dialogue	interjection	<i>in</i>	indefinite adjective
<i>er</i>	exclamation mark	interview	independent clause	indefinite pronoun
<i>est</i>	exclamatory sentence	italics	informal language	interrogative pronoun
<i>ful</i>	imperative sentence	<i>less</i>	intonation	main idea or essential message
<i>heading</i>	irregular verb	<i>ly</i>	metaphor	makes inferences
homophone	main idea or essential message	<i>mis</i>	narration	organizational pattern
<i>in</i>	makes inferences	<i>non</i>	<i>ness</i>	parody
interrogative sentence	organizational patterns	paraphrase	parallel structure	persuasive devices
<i>less</i>	point of view	personification	perspective	plot development
linking verb	<i>pre</i>	plot development	persuasive text	point of view
main idea	present tense	predicate adjective	plagiarism	primary source
<i>mis</i>	<i>re</i>	relevant supporting details	problem-solution	propaganda
<i>ness</i>	reference materials	salutation	report	reference materials
past tense	root word	sentence combining	research paper	relevant supporting details
persuasive text	simple word analogies	stereotype	simile	satire
point of view	tone	superlative adjective	subordinating conjunction	setting
<i>re</i>	transition	synonym	synthesize	synthesis
reference materials	<i>un</i>	verb phrase	viewpoint	tone
relevant supporting details				
Language Arts				
10	11	12		

allegory	acronym	ambience		
allusion	aesthetic purpose	appeal to authority		
anecdote	aesthetic quality	appeal to emotion		
archetype	American Psychological Assoc.	appeal to logic		
assonance	analogy	autobiographical narrative		
author's bias	artifact	belief system		
clincher sentence	ballad	biographical narrative		
consonance	bias	circumlocution		
context	coherence	compound-complex sentence		
couplet	cohesion	correlative conjunction		
denotative meaning	compound adjective	credibility		
epic	concept	criteria		
expressive writing	connotative meaning	debate		
irony	direct address	divided quotation		
limited point of view	dramatic dialogue	drama-documentary		
lyric poem	emotional appeal	external/internal conflict		
ode	future perfect verb tense	hierarchic structure		
omniscient point of view	hostile audience	interior monologue		
onomatopoeia	internal conflict	Neoclassic literature		
parable	literary criticism	pastoral		
resume'	Modern Language Assoc.	proposition of fact speech		
rhetorical question	nuance	proposition of policy speech		
sarcasm	past perfect verb tense	proposition of problem speech		
semicolon	present perfect verb tense	proposition of value spech		
soliloquy	reflexive pronoun	Romantic period literature		
stream of consciousness	secondary source	temporal change		
structural analysis	standard English			
thesis	text feature			
thesis statement	text structure			
universal theme	understatement			

Math				
K	1	2	3	4
above	addend	2-Dimensional	algorithm	acute angle
balance	addition	3-Dimensional	area	bar graph
behind	a.m.	angle	axes	decimal
below	analog	array	capacity	diameter
between	attribute	centimeter	closed figure	direct measure
calendar	celsius	clockwise	coordinate	equilateral triangle
cent	chart	cone	denominator	equivalent forms
circle	cylinder	congruent	dividend	greatest common factor
clock	decrease	cube	divisor	improper fraction
coin	degree	customary unit	face	indirect measure
corner	digital	data	factor	mixed number
counting	even number	digit	flip-reflection	negative number
day	Fahrenheit	doubles fact	intersection	non-standard units of measure
dime	fraction	dozen	line graph	obtuse angle
equal	height	edge	mean	organized data
graph	increase	estimation	median	parallelogram
inside	length	expanded notation	metric system	percent
minute	line	fact family	multiple	perpendicular lines
near	number line	line segment	net	pictograph
nickel	odd number	maximum	numerator	plane
number	order	minimum	ordered pair	prism
parttern	place value	mode	point	quotient
penny	p.m.	multiplication	probability	ratio
rectangle	side	numeral	product	relative size
shape	subtraction	operations	range	rule
square	sum	parallel	remainder	similarity
triangle	table	perimeter	right angle	standard units of measure
week	tally	polygon	rotation-turn	transformation
whole	timeline	sphere	slide-translation	unorganized data

zero	weight	symmetry	volume	vertex
Math				
5	6	7	8	Algebra
algebraic rule	absolute value	adjacent angles	alternate exterior angles	Algebraic function
base	additive inverse	box and whisker plot	alternate interior angles	Base
break-squiggle	algebraic equation	coefficient	altitude	Binary system
circumference	algebraic expression	combinations	analyze	Cartesian coordinates
composite number	complementary angles	counting principle	approximation	Compound event
coordinate grid	coordinates	diagonal	constant	Direct function
divisible	elapsed time	dilation	converse	Direct measure
equation	equilateral	extreme	corresponding parts	Divide radical expressions
expression	formula	factorial	dependent event	Equivalent forms of equations
frequency	horizontal	hypotenuse	discount	Equivalent forms of inequalities
function	image	interest	domain (of a function)	Exponent
inequality	improper fraction	irrational	extrapolate	Factorial notation
interval	integers	like terms	function notation	Fraction inversion
labels	linear measurement	midpoint	independent event	Independent trials
likelihood	mixed numbers	percent of change	intercept	Matrix
line segment	natural numbers	permutations	linear equations	Matrix addition
mass	odds	powers	mark-up	Matrix subtraction
pie chart	origin	principal	multiplicative inverse	Monomial
prime factorization	pi	Pythagorean theorem	polynomials	Multiply radical expressions
prime number	quadrilateral	quartile	predict	Natural number
radius	quadrant	radical	prerequisite	Negative exponent
ray	rate	rational numbers	property	Number subsystem
scale/scale model	rule	real numbers	range (of a function)	Polynomial addition
similar figures	scale drawing	scatter plot	relation	Polynomial division

square root	simplify (simplest form)	scientific notation	segment	Polynomial function
stem and leaf plot	supplementary angles	square root	sequence	Polynomial multiplication
tessellation	vertical	surface area	similarity	Polynomial subtraction
tree diagram	vertical angles	terminating	slope	Radical expression
variable	x axis	tetrahedron	substitution	Reciprocal
vertex	y axis	trapezoid	transversal	Systems of inequalities
Math				
Geometry	Algebra 2	Pre-calc	Statistics	
Angle of depression	Absolute error	Acceleration	Bivariate data transformation	
Arc	Absolute function	Circular function	Bivariate distribution	
Central angle	Asymptote of function	Classes of functions	Categorical Data	
Chord	Complex number	Curve fitting median method	Continuity probability distribution	
Circle without center	Compound interest	Finite graph	Control group	
Cosine	Correlation	Force	Discrete probability	
Dilation of object in a plane	Decibel	Formal mathematical induction	Discrete probability distribution	
Geometric function	Density	Global/local behavior	Empirical verification	
Indirect measure	Domain of function	Inflection	Experimental design	
Isometry	Exponential function	Limit	Experimental probability	
Line Segment	Fibonacci sequence	Minimum/maximum of function	Law of large numbers	
Line segment congruence	Function composition	Parameter	Law of probability	
Line segment similarity	Imaginary number	Parameter estimate	Monte Carlo simulation	
Point of tangency	Inverse function	Parametric equation	Normal Curve	
Postulate	Log function	Periodic function	Parallel box plot	
Prood paragraph	Logarithm	Phase shift	Population	
Protractor	Logarithmic function	Polar coordinates	Probability distribution	
Radius	Matrix equation	Polynomial solution by sign change	Random sampling technique	
Reflection in space	Matrix inversion	Polynomial solution successive	Recurrence equation	
Right triangle geometry	Matrix multiplication	Precision of estimation	Recurrence relationship	

Rotation in plane	Monitor progress of a problem	Relative error	Regression coefficient	
Surface area cone	Natural log	Sinusoidal function	Representativeness of sample	
Surface area cylinder	Rational function	Speed	Sample statistic	
Surface area sphere	Recursive equation	Trigonometric relation	Sampling distribution	
Theorem	Richter Scale	Truth table proof	Smallest set of rules	
Theorem direct proof	Series	Univariate data	Spurious correlation	
Theorem indirect proof	Sigma notation	Univariate distribution	Standard deviation	
three-dimensional	Step function	Variance	Statistical experiment	
Vector	total distace graph	Vector addition/multiplication/division	Statistical regression	
Vector addition	Vertex edge graph	velocity	Treatment group	