

MATH VOCABULARY				PRE K	ELA VOCABULARY		
above	behind	below	beside		beginning	different	bottom
between	calendar	circle	under		book	real	story
count	triangle	number	on		picture book	picture	name
middle	small	medium	large		same	front cover	beginning sounds
more	less	2d shapes	next to		start	alphabet	
over	square	rectangle	sort		end	top	
same	different	matching	colors words		back cover	pretend	
tall	short	before	after		letters	word	

MATH VOCABULARY				Kindergarten	ELA VOCABULARY	
add	compare	first	fourth		alphabet	blend
addition sentence	graph	direction	equal		author	segment
categorize	2-D (flat)	3-D (solid)	classify		follow directions	question mark
greater than	less than	order	size		illustrator	question
left	right	length	measure		letters	read
second	subtract	third	zero		listening skills	CVC words
scale	chart	column	count		lowercase	capitalize
curve	decade number	fewer	tally mark		retell	punctuation
height	join	in all	in front of		rhyme	exclamation point
lighter	heavier	next	minus sign		sight word	noun
number bond	order	above	behind		title	verb
below	beside	balance scale	curve		uppercase	adjective
flat surface	greater than	more	part		character	vowel
put together	separate	same as	row		words	
slide	side	sort	stack		period	
subtraction sentence	take apart	take away	taller		sentence	
ten frame	vertex	vertices	weight		setting	
partner numbers	pattern	roll	plus sign		connection	

MATH VOCABULARY				1ST	ELA VOCABULARY		
addition	chart	fractions (1/2)	3-D		blend	different	short vowel
analog	add	odd	column		consonant	title page	singular
digit	even	table	tallies		date in written form	similar	vocabulary
half hour	increase pattern	subtraction	data		fiction	beginning	
money	digital	bar model	digital clock		illustrate	end	
number line	solve	clock	edge		illustration	comma	
number sentence	bar graph	2-D	fourth of		long vowel	noun	
plus	time	difference	halves		punctuation: ? , !	compare	
thermometer	compare	doubles plus	more		spell	short vowel	
count back	count on	greater than	minute hand		segment	verb	
doubles	doubles minus	half past	ones		vowel	blend	
equals	fourths	length	quarters		long vowel	final sound	
fewer	half of	measure	rhombus		nonfiction	different	
hour hand	hour	120 chart	tally mark		setting	predict	
less than	longest	picture graph	trapezoid				
minute	o'clock	quarter of	whole				
ones place	part	side					
part-part-whole-model	shortest	rectangular prism					
row	tally chart	guess					
tens	three dimensional shape	minus					
tens place	two dimensional shape	sum					
vertex	>, <, =	order					
unequal shares	describe	congruent					

MATH VOCABULARY				2ND	ELA VOCABULARY		
angle	explain	equal groups	pentagon		adjective	antonyms	apostrophe
array	foot	fraction (1/3, 1/4)	thousand		Compare & Contrast	contraction	comprehension
centimeter	equation	expression	temperature		compound word	folk tale	dictionary
column	estimate	less than	quart		conclusion	alphabetize	chapter
compensation	doubles plus one	hexagon	expanded form		fairy tale	informational text	homophone
distance	greater than	whole number	half hour		fluent	pronoun	non fiction
doubles minus one	height	standard form	rounding		homonym	genre	author's purpose
equal to	horizontal	minute	difference		main character	vowel teams	table of contents
gallon	hundreds	ones	increase		Opinion Writing	Dialogue	summarize
hour	list	regroup	\$5 bill		Personal Narrative	poem	Making connections
hundred	octagon	pound	cent sign		plural	Summary	discuss
inch	partial sums	regroup	cube		prefix	Tag & Quote	fiction
model	place value	addends	hexagon		quotation marks	base word	
open number line	symmetry	addends			topic	synonyms	
pint	row	decrease					
quarter hour	weight	\$10 bill					
repeated addition	compare	cents					
value	\$1 bill	edge					
word form	A.M.	halves					
yard	angle	estimate					
\$20 bill	fourths	meter					
dime	foot	hundreds					
face	vertical	sum					
octagon	inch	compatible numbers					

MATH VOCABULARY			3RD	ELA VOCABULARY		
Addition Property of Zero	eighths	rectangle		Grammar	Writing	Reading
array	equivalent	row		nouns	narrative	traits
bar graph	fact family	square		proper and common nouns	compare and contrast	context clues
Commutative Property of Multiplication	kilogram	trapezoid		pronouns	opinion	text evidence
compatible numbers	mass	whole		verbs	informational	genres
Distributive Property (with addition and subtraction)	Multiplication Property of One	area		adjectives	prewriting	figurative language
dividend	parallel sides	equal groups		adverbs	drafting	idioms
divisor	place value	fraction		regular plural nouns	editing	literal
equation	quotient	inverse operations		irregular plural nouns	publishing	non literal
estimate	round	liquid volume		concrete and abstract nouns	introduction	theme
frequency table	dixths	multiple		regular verbs	conclusion	plot
key	time interval	multiplication symbol		irregular verbs	point of view	infer
liter	vertex	perimeter		subject verb agreement	supporting details	key and supporting details
multiplication	angle	product		pronoun antecedent	explanatory	main idea
Multiplication Property of Zero	Commutative Property of Addition	rhombus		comparative and superlative adverbs	topic	retell/recount
numerator	denominator	scale		coordinate conjunctions	transitional words	summary
picture graph	division symbol	square unit		subordinating conjunctions	sentence structure	procedure
quadrilateral	elapsed time	unit fraction		simple, compound, complex sentences		illustrations
right angle	equivalent fractions	whole numbers		capitalize titles		captions
side	factors			commas in addresses		cause and effect
tape diagram	gram			dialogue		comparison
unit square	line plot			possessive nouns		comprehend
Associative Property of Addition	milliliter			prefixes		
column	parallelogram			suffixes		
division	polygon			homophones		

MATH VOCABULARY				4TH
acute angle	equivalent	obtuse triangle	right angle	
area	factor pair	parallelogram	second	
compatible numbers	hundredths place	period	tenth	
decimal fraction	line	point	trapezoid	
Distributive Property	mile	quart	expanded form	
equilateral triangle	obtuse angle	rhombus	tenths	
estimate	parallel lines	scalene triangle		
hundredth	perimeter	supplementary angles		
kilometer	place value chart	ton		
line symmetry	protractor	Associative Property		
multiple	remainder	equation		
ounce	rule	inequality symbols		
partial quotients	straight angle	standard form		
pint	thousands period	angle		
prime number	vertex	cup		
rectangle	divisor	decimal		
right triangle	frequency table	degree		
square	quotient	equiangular triangle		
tenths place	adjacent angles	equivalent fractions		
unit fraction	common factor	gallon		
dividend	composite number	isosceles triangle		
expression	decimal point	line segment		
line graph	endpoints	mixed number		
acute triangle	equivalent decimals	ones period		
benchmark	formula	partial products		
complementary angles	intersecting lines	perpendicular lines		
decimal fraction	line of symmetry	pound		
divisible	millimeter	ray		

4TH	ELA VOCABULARY			
	parts of speech	fragments & run-ons	onomatopoeia	assessment
	modal auxiliary verbs	compound sentences	proverbs	narratives
	complete sentences	roots & affixes	formal & informal language	informational elements
	quotations from text & speech	hyperbole	guided practice	storyboard
	punctuation for effect	adages	opinion	synthesizing
	metaphors	frequently confused words	publishing	audience
	idioms	think together	prewrite	legend
	analogies	compare & contrast	summarizing	preface
	think aloud	editing	apendix	simple predicate
	independent work	generating ideas	genre	plot
	sentence structure	building the paragraph	possessive nouns	comprehend
	citing text evidence	analyze	sentence fragment	supporting detail
	drafting	drawing conclusions	textual evidence	affixes
	paraphrasing	persuasive	theme	accuracy
	author's purpose	research	main idea	topic
	myths	inference	syllable	illustrations
	proofread	details	fluency	discussion
	simple subject	nonfiction	expression	
	setting	roots & affixes	evidence	
	explicitly	prefix	dialogue	
	interpret	poetry	progressive verb tenses	
	suffix	conclusion	prepositional phrases	
	rate	sequence of events	commas & quotation marks	
	point of view	relative adverbs	types of sentences	
	characters	preposition	similes	
	parts of plot	capitalizaiton rules	alliteration	
	relative pronouns	convey ideas precisely	synonyms & antonyms	
	ordering adjectives	word pronunciaitons	dictionary skills	

MATH VOCABULARY				5TH
base (power/prism)	common denominator	distributive property	greatest common factor	
improper fractions	least common denominator	mean	acute triangle	
composite figure	metric prefixes (milli, centi, kilo)	mixed numbers	percent	
plane	prime	proper fraction	range	
ray	straight angle	thousandths	coordinate plane	
cubic unit	data	equiangular triangle	equilateral triangle	
evaluate	exponent	fluid ounces	inverse operations	
isosceles triangle	line graph	milligrams	numerical expression	
obtuse triangle	order of operations	ordered pair	origin	
overestimate	estimate	parallelogram	power	
proper fractions	rectangle	rhombus	rectangular prism	
square	right triangle	scalene triangle	simplest form	
thousandths	thousandths place	trapezoid	underestimate	
unit cube	volumne	x-axis	x-coordinate	
y-axis	y-coordinate	quotient	factors	
product	equation	expanded form		



5TH	ELA VOCABULARY		
	Grammar	Writing	Reading
	Parts of Speech	Think Aloud	Quote
	Subject/Predicate	Think Together	Inferencing
	Coordinating Conjunction	Guided Practice	Summarizing
	Compound Sentences	Assessment	Textual Evidence
	Subordinating Conjunction	Independent Work	Point of View
	COMplex Sentences	Sentence Structure	Narrator
	Simple./Compound/Complex Sentences	Editing	Comprehend/Comprehension
	Prepositions	Informational Writing	Genres
	Prepositional Phrases	Compare and Contrast	Main Idea
	Interjections	Informational Elements	Supporting Details
	Perfect Verb Tense	Opinion Writing	Fiction
	Verb Tenses	Citing	Non-fiction
	Shifts in Verb Tense	Text Evidence	Informational
	Commas in a Series	Summarizing	Fluency
	Commas and Introductory Elements	Synthesizing	Expression
	Titles of Work	Paraphrasing	Character Traits
	Expanding Sentences	Personal Narrative	Character Development
	Combining Sentences	Imaginary Narrative	Free Verse
	Reducing Sentences	Mood	Rhythm
	Dialects and Registers	Tone	Stereotypical
	Context Clues	Descriptive Language	Supporting Ideas
	Roots and Affixes	Transitional Words	Protagonist
	Reference Materials	Introduction	Antagonist
	Figurative Language	Conclusion	Theme
	Idioms/Adages/Proverbs	Hook	Cause/Effect
	Signal Words	Informative/Explanatory Text	
		Narrative	
		Dialogue	
		Sensory Details	
		Plot Diagram	

MATH VOCABULARY			6TH	ELA VOCABULARY		
algebraic expression	independent variable	decimal-repeating/terminating		argumentative	thesis statement	conjunctions-coordinating/ subordinating/ correlative
measure-qualitative/quantitative	inequality	coefficient		attention grabber	Affixes	suffixes
common factors	median	properties-distributive/associative/commutative		climax	antonyms	synonyms
common multiples	mode			compare/contrast	connotation	thesaurus
constant	quartile/interquartile			falling action	context clues	word trees
skewed	convert			multiple meaning words	Definition	word derivations
deviation	perfect square			paraphrase	denotation	antecedent
dependent variable	constant speed			question/answer	dialect	relative-pronoun/ adverb
outlier	prime factorization			revision	etymology	collaborative discussion
equivalent expression	algorithm			rising action	idiom	concrete details
equivalent rate	rate			rubric	metaphor	analysis
equivalent ratio	ratio			sentence structure (simple, compound, complex)	personification	reflection
gaps	simplify			simile	prefixes	research
exponent	unit -rate/cost/price			summarize	root words	
factoring an expression	variable/variability			supporting details	semantic maps	

6TH	SOCIAL STUDIES VOCABULARY	6TH	SCIENCE VOCABULARY	
	Artifacts		Transfer of Energy	transfer of energy
	Buddhism		Wave	Constant
	Chinese civilization		wavelength	
	Christianity		Amplitude	
	City-States		Electromagnetic Spectrum	
	Dictatorship		Frequency	
	Greek civilization		Reflection	
	Hinduism		Refraction	
	Irrigation		Velocity	
	Judaism		Delta	
	Monarchy		Speed	
	Oligarchy		Slope (introduced)	
	Political		Potential Energy	
	Roman Civilization		Surface Area	
			Drag	

MATH VOCABULARY		7TH	ELA VOCABULARY			
Absolute value	inequality		chronological	generalizations	analogy	sources-digital/print
adjacent angles	integers		citation	graphic organizer	definition	search terms
circumference	interest		context clues	idiom	dialect	argument
complementary angles	like terms		generalization	inferences	figurative language	claim
complex fractions	linear expression		informative	informative text	idiom	relevant evidence
Constant of proportionality	outcomes		interpretation	objective writing	metaphor	logical reasoning
cross products	percent of chance		problem/solution	opinion	personification	
diameter	probability		viewpoint/ opinion	paraphrasing	prefixes	
equivalent equations	radius		compare	persuasion	restatement	
equivalent rates	rate		contrast	predictions	Root words	
equivalent ratios	sample		connotation	retelling	Simile	
experimental probability	simple interest		context clues	summarizing	relevant facts	
event	solution set		denotation	perspective	plagiarism	
favorable outcome	terminating decimal		fact	affixes	transitions	

SOCIAL STUDIES VOCABULARY			7TH	SCIENCE VOCABULARY		
arable	erosion	physical environment		Sexual Reproduction	Cell Wall	Dominant
atmosphere	ethnic group	regionalism		Asexual Reproduction	Cell Membrane	Recessive
bilingual	famine	renewable resource		Pollination	cytoplasm	Allele
biome	fossil fuel	revolution		Self Pollination	nucleus	Characteristic
cartography	human geography	rotation		Cross Pollination	organelles	Chromosome
climate	globalization	silt		Stamen	vacuole	Cross
continental divide	interdependence	tariff		Pistil	Coevolve	Gene
cultural trait	isthmus	terrorism		Anther	Stimulus/Stimuli	Generation
cultural diversity	landform	uninhabitable		Unicellular	Feature	Heterozygous
desertification	land locked	urbanization		Multicellular	Trait	Homozygous
developed countries	latitude	weathering		Abiotic	Heredity	Variation
earthquake	longitude			Biotic	Generation	Population
ecosystem	migration			Organ	Genotype	Punnett Square
elevation	nonrenewable resource			Organ System	Phenotype	Biodiversity
				extinct	Principle of Superposition	
				extinction		
				fossil		
				fossil record		
				Organism		

## PRE ALGEBRA MATH VOCABULARY

Tier 1 (mastered)	Tier 2 (developed)	Tier 3 (introduced)
coefficient	Addition Property of Equality	joint frequency
cone	adjacent angles	literal equation
congruent angles	angle of rotation	mapping diagram
congruent figures	base (of a power)	marginal frequency
congruent sides	center of dilation	range of a function
constant	center of rotation	rigid motion
cube root	distance formula: $d = r \times t$	two-way table
dilation	Division Property of Equality	
exponent	domain	
exterior angles	function rule	
exterior angles of a polygon	function	
formula	hemisphere	
image	hypotenuse	
interior angles	indirect measurement	
irrational number	input	
linear equation	interior angles of a polygon	
perfect cube	lateral area	
perfect square	legs	
power	legs of a triangle	
rational number	line of best fit	
reflection	line of fit	
regular polygon	line of reflection	
rise	linear function	
rotation	linear inequality	
run	Multiplication Property of Equality	
similar figures	nonlinear function	
similar solids	output	
slope	point-slope form	
slope-intercept form	Power of a Power Property	
solids (prisms, cones, cylinders, pyramids)	Power of a Product Property	
sphere	Product of Powers Property	

**PRE ALGEBRA MATH VOCABULARY**

term	Pythagorean theorem	
transformation	Quotient of Powers Property	
translation	radical sign	
transversal	relation	
x & y intercept	scale factor (of a dilation)	
base	scatter plot	
	scientific notation	
	similarity transformation	
	solution of a linear equation	
	solution of a system of linear equations	
	standard form	
	Subtraction Property of Equality	
	surface area	
	system of linear equations	

ELA VOCABULARY		8TH	SOCIAL STUDIES VOCABULARY		8TH	SCIENCE VOCABULARY	
cause/effect	etymology		Federal Government	Executive Branch		landforms	Transpiration
coherence/ cohesion	figurative language		Federalism	Legislative Branch		Plate Tectonics	Infiltration
conciseness	homographs		President			Rock Cycle	Groundwater
corresponding	homophones		Presidential Election			Sedimentary Rock	Seismic Waves
impromptu	idiom		State's rights			Metamorphic Rock	Convection
inference	informal words		Judicial Branch			Igneous Rock	Hotspot
synthesize	metaphor		Trial by jury			Equilibrium	
Affixes	personification		Bicameral			Fossil Record	
analogy	puns		civil rights			Kinetic Energy	
borrowed words	Restatement		constitutional			Convection	
antonyms	simile		executive			Fossil Record	
connotation	synonyms		Popular Sovereignty			Geologic Time Scale	
context clues	thesaurus		Founding Fathers			Equinox	
denotation	word knowledge		Checks and balances			Solstice	
dialect	word origins		Unicameral			Climate	
diction	counterclaims		Precedent			Sublimation	



Algebra Vocabulary	
compound interest	binomial
inverse operation	trinomial
equivalent equations	point-slope form
theorem	hypotenuse
identity	literal equations
extraenous solutions	transformations of functions
functions(linear/nonlinear	horizontal/vertical funtions
formula	two-way tables
exponential notation	systems of linear equations
surface area	Addition/Subtraction Property of Equality
inequalities	scatter plot
formula	dilation
relations	standard form
linear systems	Pythagorean theorem
distance formula ( $d=r \times t$ )	substitution method
linear equation	elimination method
domain (discrete/continuous)	Multiplication/Division Property of Equality
range (discrete/continuous)	Factoring Polynomials
independent/dependent variables	Quadratic formula
absolute value functions	Quadratic functions
scientific notation	Exponential Quadratic functions
exponential notation	radical notation
polynomial	arithmetic and geometric sequences
monomial	