

# ACADEMIC WORD LISTS



# FOURTH-GRADE ACADEMIC WORDS

## FOURTH-GRADE SOCIAL STUDIES

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abolition	basin	capital	colony
adapt	Battle of the Alamo	capital resources	Columbian exchange
adobe	Battle of Boyaca	cardinal directions	command economy
aerospace	Battle of San Jacinto	cash crop	commemorate
agribusiness	bay	cattle drive	commercial farming
agriculture	belt	cause	communication
alliance	bilingual	cavalry	commuter
Allies	bill	CD-ROM	compass rose
ally	Black Codes	census	Compromise of 1850
amendment	blizzard	Central Powers	conclusion
American Revolution	blockade	century	Confederacy
ancestor	boom town	checks and balances	conflict
Anglo-Americans	border	circle graph	congress
annexation	boundary	citizen	conqueror
archaeology	boycott	city council	conquistador
arid	branch	city manager	consequence
artifact	brand	civil rights	conservation
assembly line	brazilwood	Civil War	constitution
atmosphere	budget	civilization	consumer
Axis Powers	butte	climate	continent
band	canal	coast	convention
barbed wire	candidate	coastal plain	cost of living
barter	cape	cold front	county

## FOURTH-GRADE SOCIAL STUDIES (CONT.)

cradleboard	empresario	goods	international law
crop rotation	encyclopedia	government	international trade
crops	enslaved	governor	Internet
crude oil	entrepreneur	Grange	interstate highway
culture	environment	graph	invention
dam	equator	Great Depression	investor
Davis Guards	erosion	guide word	irrigation
debt	ethnic group	gusher	isthmus
decade	evaluate	habitat	jazz
decision	evaporation	hemisphere	judicial branch
degrees	executive branch	heritage	jury
delegate	expedition	high-tech industry	kerosene
delta	explore	historical map	landform
demand	export	history	landform maps
democracy	extinct	homestead	large-scale map
democratic republic	fact	Hood's Texas Brigade	latitude
dictator	factors of production	hub	legend
dictionary	factory	humid	legislative branch
distribution map	fault	hunters and gatherers	levee
drip irrigation	fertile	hurricane	liberty
dugout	flow resources	hydroelectric power	line graph
ecology	food processing	Ice Age	livestock
economy	forecast	immigration	locator
ecosystem	fossil fuel	import	lock
editorial	frame of reference	index	longhorn
effect	free-enterprise system	industrialization	longitude
elect	Freedmen's Bureau	industry	Louisiana Purchase
election	frontier	inference	lowland
elevated train	generalization	interdependent	lumber
elevation	geography	interior	manifest destiny
Emancipation Proclamation	glacier	intermediate directions	manufacturing
empire	globe	international	map
	Goliad Massacre		map key

## FOURTH-GRADE SOCIAL STUDIES (CONT.)

map scale	parallel	raw materials	skilled worker
map symbol	peninsula	Reconstruction	skyscraper
maquiladoras	petrochemical	recreation	slavery
marsh	physical features	reference source	small-scale map
mayor	physical maps	refinery	sod
meridian	pilgrim	reform	special district
mesa	pioneer	region	specialize
mesquite	plain	relative location	stampede
mestizo	Plan of Iguala	religion	states' rights
metropolitan area	plantation	renewable	stock
Mexican War	point of view	report	subsistence farming
mineral	political	representative	suburb
mining	political map	republic	subway
mission	political party	research	suffrage
missionary	pollution	reservation	summary
monarchy	population	reservoir	Sun Belt
municipal government	port	resolution	supply
mural	prairie	river basin	tax
NAFTA	prairie dog	road map	technology
natural resource	precipitation	Roaring Twenties	teepee
New Deal	prehistory	Runaway Scrape	Tejano
nomadic	presidio	rural	temperate
nonrenewable	primary source	scale	temperature
nonrenewable resources	prime meridian	scarcity	term
Norteño	producer	seasonal	Terry's Texas Rangers
nutrients	product	secede	Texas Declaration of Independence
ocean	professional	secondary source	Texas Railroad Commission
The Old Three Hundred	profit	seeds of change	Texas Rangers
Olympic Games	prosperity	segregation	Texas Revolution
opinion	pueblo	senator	textile
opportunity cost	Pulitzer Prize	service	
	ragtime	service industry	
	ranch	sharecropper	

FOURTH-GRADE SOCIAL STUDIES (CONT.)

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time line                      World War II  
tornado                        World Wide Web  
tourist  
trade  
transportation  
transportation map  
treaty  
Treaty of Guadalupe  
Hidalgo  
Treaty of Medicine  
Lodge Creek  
Treaty of Velasco  
tributary  
tribute  
trotline  
tundra  
Union  
U.S. Congress  
U.S. Supreme Court  
urban  
vegetation  
vegetation map  
veto  
volunteer  
wages  
wagon train  
weather  
weathering  
wilderness  
World War I

## FOURTH-GRADE MATHEMATICS

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absolute value	coordinates	factor	metric system
acute angle	cubic units	foot	milliliter
addend	cup	fraction	minuend
addition	customary	frequency table	mixed number
angle	data	function	mode
approximation	decimal	gallon	multiple
area	decimal equivalent	gram	multiplicand
array	decimal point	graph	multiplier
associative property of addition	degree	grid	multiply
associative property of multiplication	denominator	grid intersection	negative integer
average	deposit	hundredth	net
bar graph	diameter	hypotenuse	number line
base	difference	improper fraction	numerator
benchmark	digit	inch	obtuse angle
bilateral symmetry	distributive property of multiplication	inequality	ordered pair
capacity	dividend	inference	origin
celsius	divisible	integer	ounce
centi-	divisor	inverse	outcome
centimeter	double bar graph	is greater than	parallel
commutative property of addition	doubles	is less than	parentheses
commutative property of multiplication	elapsed time	isosceles	partial product
compatible numbers	equation	kilo-	pattern
composite	equivalent	kilogram	percent
composite number	equivalent fractions	length	perimeter
congruent	estimate	line of symmetry	perimeter area
conversion	estimation	linear function	perpendicular
convert	expanded form	liter	pint
coordinate plane	exponent	mass	place value
	expression	mean	plane
	face	median	plane figure
	fact family	meter	point
		method	polygon

FOURTH-GRADE MATHEMATICS (CONT.)

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polyhedron	tally chart
positive integer	tenth
power	ton
precision	transformation
prime number	translation
probability	tree diagram
product	unit cost
Pythagorean theorem	vertex
quadrilateral	volume
quart	weight
quotient	withdraw
radius	
range	
rational number	
ray	
reflection	
regroup	
regular polygon	
remainder	
right angle	
rotation	
round	
rounding	
scale	
sequence	
similar	
solid figure	
solve	
square units	
standard form	
subtrahend	
sum	
survey	

## FOURTH-GRADE SCIENCE

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adaptation	conductors	food chain	lava
adult	conservation	food web	leaf
air mass	constant	force	learned behavior
air pressure	constellation	fossil	lever
artery	consumer	fossil fuel	life cycle
atmosphere	convection	friction	life process
atom	core	front	life span
axis	crust	galaxy	light
behavior	data	gas giants	lunar eclipse
biodegradable	decay	generator	magma
blood	decomposer	germinate	magnet
buoyant	density	gravity	magnetic field
camouflage	deposition	greenhouse effect	magnetic poles
capacity	digestive system	habitat	mantle
capillary	dissolve	heart	map
carnivore	ecosystem	heat	mass
cell	egg	herbivore	matter
chemical change	electric cell	hibernate	measure
chemical property	electric charges	humus	metamorphic rock
chemical reaction	electric circuit	hypothesize	metamorphosis
chlorophyll	electric current	igneous rock	metric system
circulatory system	electromagnet	inclined plane	microorganism
classify	embryo	infer	migrate
climate	environment	inherit	mimicry
collaborate	era	inherited behavior	mineral
communicate	erosion	instinct	mixture
community	esophagus	insulators	model
compare	evaporation	internal stimulus	molecule
components	experiment	investigate	motion
conclusion	external stimulus	kinetic energy	motor
condensation	extinct	large intestine	muscular system
conduction	flow	larva	natural resource

## FOURTH-GRADE SCIENCE (CONT.)

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niche	radiation	speed
nonrenewable	rainforest	star
resource	reactant	states of matter
nymph	recycling	static electricity
observe	reflection	stem
omnivore	refraction	stimulus
orbit	reliability	stomach
organ	renewable resource	symmetry
organ system	reproduce	table
organic matter	reproduction	temperate climate
organism	research	temperate zone
paleontologist	respiratory system	temperature
parallel circuit	response	theory
phases of the Moon	revolution	thermal energy
photosynthesis	rock	tissue
physical change	rock cycle	topsoil
physical property	root	trait
planet	rotation	translation
polar climate	scavenger	tropical climate
pollinator	sediment	universe
pollutant	sedimentary rock	vein
pollution	seed	velocity
population	seed dispersal	vibration
position	sequence	volume
potential energy	series circuit	water cycle
prairie	simple machine	weather
precipitation	skeletal system	weathering
predator	small intestine	wedge
predict	soil	weight
prey	solar system	wheel and axle
producer	solution	wind
product	sound	
pulley	species	

# FIFTH-GRADE ACADEMIC WORDS

## FIFTH-GRADE SOCIAL STUDIES

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abolitionist	barbed wire	carpetbaggers	commander
absolute location	barrier	cash crop	communism
accord	barter	casualties	compact
agriculture	battle	cause	compass rose
alliance	battle map	cease-fire	competition
ally	benefit	century	compromise
amendments	Bill of Rights	ceremony	concentration camp
annexation	Black Codes	cession	Confederacy
antifederalist	boomtown	charter	confederation
apprentice	border state	checks and balances	conflict
armada	boycott	circle graph	congress
armistice	budget	circumnavigate	conquistador
arms race	Cabinet	citizen	conservation
artisan	camp	civil rights	constitution
assassination	campaign	Civil War	consumer
assembly line	canal	civilian	convert
assimilate	cape	civilization	corporation
astrolabe	capital	claim	corps
atomic bomb	capital resources	clan	correspondence
baby boom	capitalism	climate	cost
backcountry	caravan	coalition	credit
banish	caravel	colonization	data
bar graph	cardinal directions	colony	debtor

## FIFTH-GRADE SOCIAL STUDIES (CONT.)

decade	ethnic	home front	Jim Crow
declaration	ethnic group	homestead	judicial branch
deficit	executive branch	human resources	kingdom
delegate	Exoduster	immigrant	labor union
demand	expedition	immigration	laborer
democracy	export	impeach	landform
demonstration	extinct	imperialism	legislative branch
depression	fact	import	legislature
deregulation	fall line	impressment	liberty
desegregation	famine	inauguration	line graph
desert	federal	indentured servant	lodge
dictator	federalism	independence	longhouse
discoveries	flatboat	indigo	loyalist
discrimination	foreign policy	individualism	manifest destiny
dissenter	forty-niner	Industrial Revolution	manufacturer
diversity	free enterprise	industry	map legend
division of labor	free market economy	inflation	map scale
draft	free state	injustice	maquiladora
drought	free-trade agreement	inset map	mass production
economic depression	freedmen	interchangeable parts	massacre
economy	Freedmen's Bureau	interdependent	mechanization
ecosystem	front	interest	mercenary
effect	frontier	intermediate	merchant
Electoral College	fugitive	directions	meridian
emancipation	geography	International Date Line	Middle Passage
Emancipation Proclamation	glacier	Internet	migrant worker
empire	gold rush	internment camp	migration
entrepreneur	Great Compromise	interpreter	militia
environment	growing season	invasion	millennium
epidemic	habitat	invest	mineral
equator	hacienda	irrigation	minutemen
erosion	heritage	isolationism	mission
	high-tech	isthmus	missionary

## FIFTH-GRADE SOCIAL STUDIES (CONT.)

monopoly	plantation system	refugee	smuggling
motto	plateau	region	sodbusters
muckraker	point of view	register	source
multicultural	political map	Renaissance	space race
NAFTA	political party	renewable resource	specialization
nationalism	pollution	repeal	spiritual
natural resources	popular vote	representative	staple
naturalization	population	republic	states' rights
navigation	population map	research	stock
neutral	potlatch	reservation	stock market
New Jersey Plan	preamble	resign	stockyard
nomad	precipitation	responsibility	strategy
nonrenewable resource	prejudice	retreat	strike
nonviolent protest	presidio	revolt	suffrage
Northwest Passage	primary source	revolution	summary
nullification	prime meridian	rights	supply
olive branch	proclamation	ruling	surplus
opinion	productivity	scalawag	surrender
opportunity cost	profit	scarcity	tariff
ordinance	progressives	secession	tax
outline	proprietor	secondary source	technology
overseer	prosperity	sectionalism	telegraph
parallel	protest	segregation	temperance
parallel timelines	province	self-government	tenement
patriot	pueblo	settlement	territory
persecution	quarter	settlement house	terrorism
petition	railhead	sharecropping	textile
philanthropist	rapid transit	Silk Road	textile
physical map	ratify	skyscraper	tidewater
pilgrim	rebellion	slave state	time zone
pioneer	Reconstruction	slave trade	timeline
plantation	reform	slavery	tolerance
	refuge	slum	

FIFTH-GRADE SOCIAL STUDIES (CONT.)

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total war

town meeting

trade

trade union

traitor

transcontinental

transcontinental  
railroad

travois

treason

treaty

trench warfare

trial by jury

unalienable rights

unconstitutional

Underground Railroad

unemployment

Union

veteran

veto

victory

Virginia Plan

volunteer

wagon train

wampum

war bonds

world war

## FIFTH-GRADE MATHEMATICS

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absolute zero	coordinate	factor	linear equation
addend	coordinate grid	factor tree	liter
algorithm	corresponding	Fahrenheit	map scale
angle	counterclockwise	favorable outcome	mass
approximation	cup	fluid ounce	mean
area	customary system	foot	median
associative law	customary units	formula	meter
average	cylinder	fraction	metric system
axis	data	frequency table	mile
bar graph	decimal	function	mixed number
base	defining the variable	function machine	mode
billions	degree	function table	multiple
capacity	denominator	gallon	multiplicand
Celsius	diameter	generalization	multiplier
centimeter	difference	gram	negative
certain	discount	graph	net
circle graph	distributive law	greatest common	numerator
clockwise	dividend	factor (GCF)	ordered pair
clustering	divisor	hundredths	ounce
common	edge	identity function	outcome
denominator	elapsed time	impossible	parallel lines
common factor	equally likely	improper fraction	parallelogram
commutative law	equation	integer	partial product
compatible numbers	equilateral triangle	inverse operation	pattern
compensation	equivalent fraction	isosceles triangle	percent
composite	estimate	iterated	perimeter
composite number	evaluate	kilometer	period
concave	expanded form	kilogram	perpendicular
cone	experiment	like denominators	pictograph
congruent	exponent	line	picture graph
constant	expression	line graph	place value
convex	face	line plot	point

## FIFTH-GRADE MATHEMATICS (CONT.)

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polygon	straight angle
polyhedron	sum
pound	surface area
prime factorization	tenth
prime number	thousandth
prism	three-dimensional
probability	figure
product	ton
quadrant	transformation
quadrilateral	translate
quotient	tree diagram
range	triangle
rate	value
ratio	variable
rational number	vertex
rectangular prism	volume
reflect	weight
regroup	whole number
relationship	x-coordinate
remainder	y-coordinate
rhombus	
right angle	
rotate	
rotational symmetry	
round	
scale	
scalene triangle	
sector	
similar	
simplest form	
solution	
standard form	
standard notation	

## FIFTH-GRADE SCIENCE

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acceleration	compare	electromagnet	hybrid
acquired trait	components	electron	hypothesize
adaptation	compound	element	infer
air mass	conclusion	endangered species	inner planets
angiosperms	condensation	energy	insulator
asexual reproduction	conduction	epicenter	invertebrate
asteroid	conductivity	erosion	investigate
atmosphere	conductor	evaluation	kinetic energy
atom	conservation	experiment	kingdom
autumnal equinox	constructive force	extinction	landform
axis	consumer	fault	life cycle
biome	contour lines	fault-block mountains	light-year
boiling point	convection	flagellum	liquid
carbon cycle	core	focus	lithosphere
cell	crust	fold mountains	lunar cycle
characteristic	data	food chain	lunar eclipse
chemical change	density	food web	magma
chemical formula	deposition	force	magnitude
chemical property	desert	fossil	mantle
chemical symbol	destructive force	fossil fuel	measure
chlorophyll	diffusion	friction	mechanical wave
chloroplasts	DNA	front	melting
chromosome	dome mountains	fungi	melting point
cilia	dominant trait	galaxy	mesosphere
circuit	earthquake	gas	metal
classification	ecosystem	gene	meteor
classify	el Niño	grasslands	meteorites
climate	electric cell	gravity	mixture
collaborate	electric circuit	gymnosperms	model
comet	electric current	habitat	molecule
communicate	electric generator	heat	moon phases
community	electric motor	heredity	motion

**FIFTH-GRADE SCIENCE (CONT.)**


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mutation	population	solubility	umbra
natural resource	population density	solute	vaporization
neutron	potential energy	solution	vascular plant
newton	predator	solvent	velocity
niche	predict	speed	vernal equinox
nitrogen cycle	prey	spores	vertebrate
noble gas	producer	stars	vibration
nonmetal	protist	state of matter	visible light
nonrenewable resource	proton	static electricity	voltage
nonvascular plant	protostar	stomata	volume
nucleotide	radiation	stratosphere	weathering
nucleus	recessive trait	sublimation	winter solstice
observe	record data	subsoil	work
ocean current	recycling	summer solstice	xylem
orbit	reflection	switch	
organ	refraction	symbiosis	
organ system	reliability	table	
organelle	renewable resource	taiga	
osmosis	research	technology	
outer planets	residual soil	temperate	
parallel circuit	revolution	temperature	
penumbra	scientific inquiry	theory	
periodic table	sediment	thermal energy	
phloem	seismic waves	thermal expansion	
photosynthesis	selective breeding	thermosphere	
physical change	semi-metal	threatened species	
physical property	series circuit	tissue	
pitch	sexual reproduction	topographic map	
planet	simple machine	topsoil	
plate tectonics	soil	transpiration	
pollination	soil profile	transported soil	
pollution	solar eclipse	tropical rainforests	
	solid	troposphere	