

HSE BASICS READING VOCABULARY LIST

act	denotation	identify
adapt	design	illustrate
adjust	details	implied
advertisement	develop	index
agenda	dialogue	infer
alternative	diary	inference
analysis	dictionary	instruction
animation	digital	interact
apply	document	Internet
argument	editorial	interpret
assumption	emoticon	italics
audio	emotion	judgment
authorized	emphasize	key words
autobiography	employee	layout map
bar graph	encounter	legend
bias	endorse	line graph
biography	enhance	literal
blog	entry	logical
boldfaced	essay	logo
border	evaluate	main idea
byline	evidence	margin
categories	examine	media
chapter	exposition	memo
character	extended family	memoir
characteristics	fact	metaphor
chronological	falling action	mood
circle graph	familiar	motivate
classify	figurative	motivation
climax	filial piety	multimedia
commentary	first person point of view	narrative
compare	forms	nonfiction
conclusion	functional	online
concrete	genre	opinion
conflict	Global Positioning System (GPS)	optional
connection	glossary	organization chart
connotation	grammar	paraphrase
connote	graph	part of speech
consumer	graphic	pattern
context	guide word	perspective
contrast	heading	persuade
criticize	hieroglyphics	physical map
defend		pie chart

HSE BASICS READING VOCABULARY LIST

plot	subjective
plot diagram	summarize
point of view	survey
political map	synonym
prediction	synthesize
presentation	technical
preview	technical manual
process	technique
pronounce	testimonial
pronunciation key	text feature
propel	text structure
prose	text –to- self connection
qualification	text –to- text connection
question	text- to -world connection
read	theme
reasonable	third person point of view
recite	tone
reference source	topic sentence
reference text	unauthorized
regulation	universal
reliability	URL
reliable	vary
resolution	version
resume	violation
reunion	visual
review	visualize
rising action	volume
safety sign	
scan	
scene	
scribe	
search engine	
sensory detail	
sequence	
setting	
slogans	
specialized	
stanzas	
stated	
strategy	
strong fortress	
structure	

HSE BASICS WRITING VOCABULARY

abbreviation	comparison- and- contrast	exposition
abstract noun	order	fact
action verb	complex sentence	falling action
active verb	composition	first- person narrator
active voice	compound sentence	flat character
adjacent	compound subject	formal
adjective	compound word	fragment
adverb	concise	future perfect tense
affix	concluding sentence	gender
alter	conclusion	generalization
ambiguous	concrete noun	generate
anecdote	conditional	graphic
antagonist	conflict	helping verb
antecedent	confusion	homophones
apostrophe	conjunction	identify
appositive	conjunctive adverb	idiom
appropriate	context	implement
ascertain	context clues	incorporate
author's purpose	contraction	independent clause
base form	contrast	infinitive
bias	convention	intended
body	convey	interpret
brainstorming	counter claim	interrupting phrase
capitalization	credible	introduction
cardinal direction	dangling modifier	inverted
cause	database	inverted sentence
cause -and -effect order	dependent clause	irregular verb
character	descriptions	irrelevant
chronological	determine	limited third-person narrator
citation	dialogue	link
claim	diction	linking verb
cause	distinguish	logical
climax	economical	main idea
cluster map	editing	majority
cohesive	effect	misplaced modifier
colon	effective	modal auxiliary verb
combine	elaborate	modify
comma splice	emphasize	multiple
command	encounter	narrator
common noun	examine	negative
compare	exception	nonrestrictive clause
comparison	excess	noun

HSE BASICS WRITING VOCABULARY

object pronoun	recognize	supporting sentences
objective first-person	reference	tense
narrator	reflect	third-person narrator
occupation	regular verb	time order
omniscient	relative pronoun	tone
opinion	relevant	topic sentence
order of importance	renaming phrase	transition
organizing	reposition	verb
pacing	resolution	verb phrase
paragraph	restrictive clause	verb sequence
parallel structure	revise	visualize
paraphrase	rhetorical question	whole-to-whole pattern
passive verb	rising action	
passive voice	rough draft	
past perfect tense	round character	
perfect tense	run-on sentence	
pertinent	secondary character	
phrase	semicolon	
plot	sensory language	
plural noun	sentence	
point-by-point pattern	sequence	
point of view	setting	
possession	simple future tense	
possessives	simple past tense	
possessive pronoun	simple present tense	
precedes	simple sentence	
precise	simple subject	
predicate	singular noun	
predict	stages	
prefix	standard	
preposition	statement	
prepositional phrase	statistics	
present perfect tense	style	
prewriting	subject	
primary character	subject pronoun	
process	subjective first-person	
pronoun	narrator	
proper noun	subjunctive mood	
protagonist	suffix	
punctuation	summarize	
question	support	
quotation	support conclusions	

HSE BASICS SCIENCE VOCABULARY

abiotic	bias	circuit
abundance	biochemistry	cladistics
abyssal plain	biodiversity	claim
abyssal zone	biofuel	classify
acceleration	biogeochemical cycle	climate
accountability	biomass	combust
acid	biome	comets
acid rain	biomolecules	commensalism
acquire	bioremediation	communicable disease
activation energy	biotechnology	community
active transport	biosphere	compare
adapt	biotic	compound
adaptation	bituminous	compound machine
aerobic	black hole	compound word
air pressure	bloom	compression
algae	bonding	compression wave
alkaline	botany	concept
allele	calorie	condensation
amino acids	caption	conduction
amphibians	carbohydrates	conservation
amplitude	carbon cycle	consumers
anaerobic	cardiac muscles	context
analyze	carpel	context clues
anatomy	carrying capacity	continental drift
anthracite	cartilage	continental shelf
antibiotic	catalyst	continental slope
antibody	cause	continuity
appendage	cell	contract
apply	cellular respiration	contrast
arachnid	cell membrane	convection
Archaeobacteria	cell wall	convection current
arthropods	cellulose	covalent bonding
asteroids	cerebellum	crest
assumption	cerebrum	cristae
atmosphere	chemical bonds	criteria
atom	chemical energy	crust
atomic mass	chemical equilibrium	crustal plate
atomic number	chemical potential energy	crowdsourcing
author's purpose	chemical properties	current
balanced	chemical reaction	cycle
base	chloroplast	cytosol
bathyal zone	chromosome	cytoplasm

HSE BASICS SCIENCE VOCABULARY

deceleration	endangered species	formula
decomposers	endoparasite	fossil
decomposition reaction	endoplasmic reticulum	fossil record
deformation	endothermic	fragmentation
degradation	energy	frame of reference
deoxyribonucleic acid-DNA	energy density	frequency
destruction	engine	friction
detritivore	environment	fulcrum
diagram	enzymes	function
diffusion	equation	fungi
digest	equilibrium	fusion
dihybrid	erosion	galaxy
disruption	ethanol	gas
distance	eubacteria	gears
distill	eukaryote	gene
distillation	eukarya	gene flow
distinguish	evaporation	generator
diversify	evidence	genetics
DNA replication	evolution	genetic variation
dominant	exceed	genotype
double replacement reaction	excretory system	geological time
drug	exoskeleton	global climate change
earthquake	exosphere	glossary
echo	exothermic	glycolysis
ecological succession	expand	gravitational potential energy
ecologist	extinct	greenhouse effect
ecology	eye	greenhouse gas
ecosystem	F generation	groups
ectoparasite	fact	habitable
effect	factual details	habitat
efficient	fat	heading
elastic potential energy	fault	heart attack
electric current	fermentation	heredity
electrical energy	ferns	heterozygous
electricity	fetus	hierarchy
electrolyte	flammable	homologous
electromagnet	flower	homozygous
electromagnetic spectrum	folding	hormones
electron	food chain	host
element	food web	hot spots
embryo	force	Human Genome Project
endangered	forecast	

HSE BASICS SCIENCE VOCABULARY

humidity	lever	mutate
humus	life science	mutation
hybrid	ligaments	mutual
hydrocarbons	light-year	mutualism
hydrologic cycle	lignite	mutual symbiosis
hypothesis	limiting factor	natural resources
igneous	lineage	natural selection
immunity	lipid	nebula
implied	liquid	neritic zone
inclined plane	locate	net forward reaction
inert	magma	neutral
inertia	magnet	neutron
infectious disease	main idea	niche
ingroup	mammals	nitrogen cycle
initiative	mantle	nitrogen fixers
inner core	marrow	nonrenewable resources
inner planets	marsupial	nuclear energy
incipient species	mass number	nuclear fission
instinct	matrix	nucleic acids
insulator	matter	nucleolus
insulin	mechanical energy	nucleotides
interact	medulla	nucleus
interaction	melanin	nutrient
interdependence	menstrual cycle	nutritionist
interpret	mesosphere	offspring
intertidal zone	metamorphic	opaque
intravenous	metamorphosis	opinion
invasive species	meteorology	orally
invertebrates	microbes	ores
ion	microbiology	organs
ionic bond	mid-ocean ridge	organ system
isotope	mineral	organelles
jargon	mitochondria	organic chemistry
kinetic energy	model	organism
labor	molecule	organization
lava	mollusks	oscilloscope
law of conservation of energy	molting	outcome
law of conservation of mass	monohybrid	outer core
law of conservation of matter	monophyletic group	outgroup
leaves	mosses	over-the-counter
	motion	oxygen
	multimedia	ozone

HSE BASICS SCIENCE VOCABULARY

P generation	precise	resources
Pangaea	predators	respiration
parallel circuit	predict	respiratory system
parasites	prescription	respond
parasitism	prey	reversible reaction
particulate	principle of parsimony	revolution
pathogens	prism	ribosomes
pattern	probability	rock cycle
period	procedure	roots
periodic table of the elements	process	root hairs
peripheral nervous system	produce	rotation
petals	producers	salt
petroleum	product	satellites
pH scale	productivity	scan
phase	proteins	scavengers
phases of the Moon	protists	scratch test
phenomenon	proton	seafloor spreading
phenotype	pulley	sedimentary
photon	punctuated equilibrium	seizure
photosynthesis	Punnett square	sequence
phylogenetic systematics	purebred strains	series circuit
phylogeny	pyruvate	simple machine
physical change	radiant energy	single replacement reaction
physical properties	radioactive dating	skeletal muscles
physiology	range	smog
phytoplankton	rarefaction	smooth muscles
pigment	reactant	solar system
pistil	recessive	solid
pitch	reconcile	solstice
placenta	reflect	solute
planet	refinery	solution
plankton	reflex	speciation
plasma	refract	species
platelets	reinforce	speculation
pollen	relate	speed
pollination	renewable resources	sponges
pollution	repel	squall lines
polymer	reproduction	stamen
population	reptiles	star
potential energy	research	state of matter
precipitation	reservoir	static electricity
	resistance	stationary

HSE BASICS SCIENCE VOCABULARY

stems	troposphere
stoichiometric coefficient	trough
stomates	tundra
storm surge	turbine
stratosphere	ultraviolet UV rays
stroke	unstated assumption
structures	vacuoles
subbituminous	velocity
subduction	Venn diagram
summarize	vertebrates
summary	visual
supernova	visual spectrum
support	volcano
supporting details	volts
symbiosis	voluntary
symbol	water cycle
symptoms	wavelength
synthesize	weather
synthesis reaction	weathering
systematics	well-balanced diet
table	wetland
taproot	wheel and axle
taxon	wind
taxonomy	work
tectonic plate	worm
theme	yield
theory	zoology
threatened	
thermosphere	
thrive	
tides	
time line	
tissue	
tolerance	
toxin	
trachea	
trait	
transcription	
transformation	
translation	
translucent	
transparent	

HSE BASICS SOCIAL STUDIES VOCABULARY

abolish	capital	contradict
abolitionist	capitalism	contrast
absolute	carrying capacity	convey
absolute monarchy	casualties	cooperation
accountability	category	corollary
accountable	cause	cottage industry
account balance	chart	coup d'état
adapt	charter	credit
adequate	checking account	credit score
adjust	checks and balances	credit union
administer	circulation	cultural diffusion
administration	civil liberty	cultural pattern
alike	civil right	cultural region
alliance	civil rights movement	cultural trait
amendment	Civil War	culture
analyze	clause	currency
annex	climate	data
anointed	climate change	debt
antitrust	coalition	decimate
appropriations	Cold War	declaration
armistice	collective bargaining	Declaration of Independence
arsenal	collectively	deficit
Articles of Confederation	commercial bank	definition
assemble	communism	deflation
assembly	compact	delegate
assumption	compare	demand
authorization	competition	demand curve
baby boom	conclusion	demand schedule
ballot	confederacy	demilitarized zone
barrier to entry	conflict	democracy
barter	Congress	demography
bias	consent	demonstration
bicameral	conservative	denounce
Black Codes	conserve	deplete
blitzkrieg	constitution	deposit
bloc	constitutional democracy	depression
blockade	constitutional monarchy	describe
border	containment	détente
boundary	contemporary	developed countries
boycott	context	developing countries
brinkmanship	continent	dialogue
business cycle	contraction	dictator

HSE BASICS SOCIAL STUDIES VOCABULARY

dictatorship	fact	imperialism
different	factor of production	implement
Digital Revolution	fair trade	implication
diplomacy	faulty logic	implied main idea
diplomatic	federal	imports
diplomatic recognition	Federal Reserve System	inadmissible
direct democracy	fertility rate	incentive
direct initiative	fiat money	independence
discrimination	financial planning	independent
disenfranchise	fiscal policy	industrialization
displace	fluctuations	Industrial Revolution
distribute	foreign aid	inference
diversity	foreign direct investment	inflation
diverted	foreign policy	inflation rate
divine right	forum	influence
division of labor	fossil fuels	innovation
domestic	free trade	input
double jeopardy	full employment	institution
downsize	function	insurgent
draft	fundamental	interdependence
drought	fundamentalist	interest group
economic growth	geography	interest rate
economic stimulus	geometric borders	international trade
economists	global culture	internment
economy	globalization	interpret
ecosystem	global society	intrastate
effect	global warming	irony
efficiency	goods	irrigation system
Emancipation Proclamation	government	isolationism
emissions	governor	isolationist
environment	gravity	issue
era	Great Depression	isthmus
escalate	greenhouse effect	judge
establish	gross domestic product	judicial
ethnic cleansing	guarantee	judicial branch
European Union	guerrilla	judicial review
executive agreement	hemisphere	key
executive branch	home rule laws	laissez-faire capitalism
expand	House of Representatives	landform
expansion	identify	latitude
expenditure	imbalance	law of demand
exports	impact	League of Nations

HSE BASICS SOCIAL STUDIES VOCABULARY

legislative branch	Parliament	public policy
legislature	parliamentary democracy	purpose
liberal	peak	quota
limited government	peer	ratify
lobbyist	peninsula	rationing
longitude	per capita	real GDP
Magna Carta	personal budget	realm
main idea	persuade	real wages
Manifest Destiny	petition	recall
market	physical boundaries	recession
market equilibrium	place	Reconstruction
market structure	plain	recruit
meaning	plank	referendum
mechanization	plateau	reform
migration	platform	refugee
monarchy	point of view	region
monetary policy	political boundaries	regulation
money	political cartoon	relevant information
money supply	political science	repeal
monopoly	poll tax	representation
morale	popular vote	representative democracy
mortality rate	population	representative government
muckraker	population density	repression
multicultural	population explosion	reserve
multiple-meaning word	precipitation	revenue
national debt	prediction	revolution
naturalized	preview	savings account
natural resources	price ceiling	savings institution
negotiate	price controls	scarcity
negotiation	price floor	science
New Deal	price instability	Scientific Revolution
nonpartisan	price stability	secede
nonprofit	prime meridian	sectional
nonprofit organization	prime minister	segregation
obtain	proclamation	seize
oligarchy	production possibilities curve	Senate
opportunity cost	productivity	separation of powers
outcome	profit	sequence
outlying	profit margin	services
output	progressive	shah
paraphrase	provision	social
pardoned	public goods	social contract

HSE BASICS SOCIAL STUDIES VOCABULARY

Social Darwinism
specialization
spheres of influence
stabilize
stipulate
subpoena
suburbs
succeed
suffrage
summarize
supply
supply curve
supply schedule
supporting details
surge
surrender
sustainability
sustainable development
synthesize
table
tariffs
tax
technology
term
territory
terrorism
terrorist
text structure
theory
third party
totalitarianism
trade agreement
transact
transfer payment
Transportation Revolution
treaty
trend
trough
unanimous
unicameral
urbanization
variety
Venn diagram
veto
weapons of mass destruction
withdraw
yellow journalism

HSE BASICS MATHEMATICS VOCABULARY

abbreviate	combination	dependent events
abbreviation	common denominator	dependent variable
absolute value	common difference	details
acute angle	common multiple	diagram
addends	Commutative Property of	diameter
addition	Multiplication	difference
addition method	compare	digit
adjust	comparison	distinguish
affect	compatible numbers	Distributive Property of
algebraic expression	compensation	Multiplication
align	complex	dividend
analyze	complex shape	division
angle	compliance	divisor
annex zeros	compound event	edge
annexed	compound interest	effect
apex	concept	eliminate
apply	conclusion	ellipsis
approximate	cone	equal sign
approximation	confirm	equation
area	congruent	equilateral triangle
arithmetic expression	connection	equilibrium point
arithmetic sequence	cons	equivalent
aspect	consecutive	equivalent equations
bar graph	constant of proportionality	equivalent fractions
base	constant term	error
breaking apart numbers	context	estimate
calculate	context clue	evaluate
capacity	contrast	event
cause	convert	experimental probability
cell	coordinate plane	explain
cent	correlation	exponent
center	Counting Principle	exponential curve
certain event	cross multiplication	expression
chart	cube	extremes
circle	cube root	face
circle graph	currency	factor
circumference	cylinder	favorable outcomes
clarify	data	formula
classify	decimal	fraction
cluster	decimal point	front-end digits
coefficient	definition	frustum
column	denominator	function

HSE BASICS MATHEMATICS VOCABULARY

generalize	linear function	output variable
geometric mean	linear relationship	overlapping events
gradient	line graph	parallel lines
gram	line plot	parallelogram
graph	line segment	paraphrase
greatest common factor	liter	part
grid	lowest terms	passage
grouping symbol	main idea	pattern
height	mathematical expression	percent
horizontal	mean	perfect cube
horizontal axis	means	perfect square
hundredth	measures of central	perimeter
hypotenuse	tendency	periods
identify	median	permutation
illustrate	mental math	perpendicular
impossible event	meter	persuade
improper fraction	mislead	pi
independent events	mixed number	place value
independent variable	mnemonic device	point
inequality	mode	point-slope form
infinite	monetary units	polygon
input	multiplication	portion
input variable	multiplicative inverse	positive
integer	mutually exclusive events	positive correlation
interest	negative	power
intersect	negative correlation	power of ten
inverse	no correlation	predict
inverse operations	nonlinear function	prediction
invert	number line	prefix
irregular polygon	numerator	principal
isolate	numerical pattern	probability
isosceles triangle	objective	product
key	obtuse angle	proof
key words	operation	proper fraction
label	opposite	proportion
leaf	order of operations	proportional relationship
leg	ordered pair	pros
length	organize	Pythagorean theorem
like denominators	origin	quadratic equation
line	outcome	quadrilateral
linear correlation	outlier	quotient
linear equation	output	radical sign

HSE BASICS MATHEMATICS VOCABULARY

radius	slope-intercept form	two-point form
range	solid	two-step equation
rate	solution	two-variable equation
ray	solution of an inequality	unit
ratio	solve	unit price
reasonable	sphere	unit rate
reasoning	square	unlike denominators
reciprocal	square root	value
rectangle	squared	variable
rectangular prism	standard notation	Venn diagram
rectangular solid	stem	verbal expression
reduce	stem-and-leaf plot	vertex
regular polygon	straight angle	vertically
rename	strategy	vertical line test
repeated	strong correlation	vertical axis
repeating decimal	subscript	volume
replacement	substitution	weak correlation
represent	substitution method	weight
restate	subtraction	whole
restating	success	whole number
reverse	sum	width
revise	summarize	x- axis
right angle	support	x-coordinate
rise	symbolic expression	y- axis
rounding	synthesize	y-coordinate
row	system of simultaneous	y-intercept
rule	linear equations	
run	table	
sample space	tenth	
scale drawing	term	
scale factor	theoretical probability	
scalene triangle	three dimensional figure	
scatter plot	theorem	
scientific notation	tic mark	
segment	time	
sequence	title	
sign	topic	
similarity	tree diagram	
simple interest	trend	
simplify	trend line	
simultaneous	trials	
slope	triangle	