

Tennessee Academic Vocabulary: A Guide for Tennessee Educators

TNAV



Tennessee Department of Education

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Overview

This manual is designed to help school districts or individual schools systematically enhance the academic vocabulary of their students to better prepare them to learn new content in mathematics, science, language arts, and social studies. The research and theory underlying the recommendations made here have been detailed in the book *Building Background Knowledge for Academic Achievement* (Marzano, 2004). Briefly, the logic of such an endeavor is that the more general background knowledge a student has about the academic content that will be addressed in a given class or course, the easier it is for the student to understand and learn the new content addressed in that class or course. Unfortunately because of a variety of factors, including differences in the extent to which experiences at home help enhance academic background knowledge, students transferring from one school to another or one district to another, and so on, there is typically great disparity in the academic background knowledge of students, and this disparity increases as students progress through the school years. However, if a district (or school) were to systematically ensure that all students were exposed to specific academic terms and phrases across the grade levels, this would form a strong common foundation for all students. To this end, this manual lists important academic terms and phrases in mathematics, science, language arts, and social studies. Table 1 provides an overview of the number of terms and phrases in each subject area:

Table 1 – Terms and Phrases by Grade/Course within Subject Area

	Language Arts	Mathematics	Science	Social Studies
Grade K	27	31	24	19
Grade 1	29	29	23	25
Grade 2	32	28	22	23
Grade 3	30	26	27	29
Grade 4	23	27	26	25
Grade 5	27	29	25	19
Grade 6	27	33	27	33
Grade 7	29	26	31	33
Grade 8	28	30	29	29
Foundations I		26		
Foundations II		19		
Algebra I / Technical Algebra		26		
Algebra II		28		
Geometry / Technical Geometry		28		
Integrated Mathematics I		23		
Integrated Mathematics II		26		
Biology			32	
Earth Science			31	
Physical Science			27	
Grade 9	27			
Grade 10	36			
Economics				35
Geography				39
Government				31
U. S. History				44
World History				34

Table 1 illustrates that approximately 30 terms and phrases have been identified for each subject area for grades K – 8. In addition approximately 30 terms have also been identified for the following general courses:

Language Arts

- Grade 9
- Grade 10

Mathematics

- Foundations I
- Foundations II
- Algebra I / Technical Algebra
- Algebra II
- Geometry / Technical Geometry
- Integrated Mathematics I
- Integrated Mathematics II

Science

- Biology
- Earth Science
- Physical Science

Social Studies

- Economics
- Geography
- Government
- U. S. History
- World History

How the Terms and Phrases Were Identified

It is important to note that the terms and phrases listed in this document are meant as “examples.” They are not to be considered implicitly or explicitly a list of “mandated” terms and phrases. Rather districts (or schools) might decide to add terms and phrases, delete terms and phrases, further define terms and phrases, or create their own lists which are completely different from those offered here.

The lists provided here were generated by groups of expert subject matter and grade level specialists from Tennessee schools whose charge was to identify those terms and phrases that are especially important to student understanding of the mathematics, science, language arts, and social studies curriculum frameworks. Approximately 30 terms were identified in each subject area so as not to overburden an individual classroom teacher. For example, a third grade teacher in a self-contained classroom whose job it is to teach all four of these subject areas would be responsible for about 120 terms and phrases. During a 36 week school year this would amount to about 14 terms and phrases per month allowing adequate time for the teacher to address many other terms of her own choosing. For example, the teacher could attend to the 120 pre-identified terms and phrases and still teach important words found in a story or important words found in a chapter of a textbook. In fact, research indicates that about 400 terms and phrases per year are typically addressed in programs that emphasize vocabulary instruction (see Marzano, 2004, p. 63). Identifying 120 terms and phrases leaves about 280 terms and phrases that are specific to an individual teacher.

To demonstrate the potential power of teachers within a district addressing common terms and phrases, consider the subject of mathematics. In mathematics 252 terms and phrases are listed for grades K – 8. If every teacher in a district were to teach these terms and phrases, students in that district would enter ninth grade with common, in depth experiences in these 252 key mathematics terms and phrases. Certainly this would provide a strong base on which ninth grade mathematics teachers could build.

How to Teach the Terms and Phrases

There is no single best way to teach terms and phrases. However, the research and theory on vocabulary development does point to a few generalizations that provide strong guidance. The Tennessee Department of Education Division of Teaching and Learning recommends the following six steps in teaching each of the TNAV terms or concepts.

Step 1 -- Initially Provide Students with a Description, Explanation, or Example as Opposed to a Formal Definition

When introducing a new term or phrase it is useful to avoid a formal definition. This is because formal definitions are typically not very “learner friendly.” They make sense after we have a general understanding of a term or phrase, but not in the initial stages of learning. Instead of beginning with a definition, it is advisable to provide students with a description, explanation, or example much like what one would provide a friend who asked what a term or phrase meant.

Step 2 -- Have Students Generate Their Own Descriptions, Explanations, or Examples

Once a description, explanation, or example has been provided to students they should be asked to restate that information in their own words. It is important that students do not copy exactly what the teacher has offered. Student descriptions, explanations, and examples should be their own constructions using their own background knowledge and experiences to forge linkages between the new term or phrase and what they already know.

Step 3 -- Have Students Represent Each Term or Phrase Using a Graphic Representation, Picture, or Pictograph

Once students have generated their own description, explanation, or example they should be asked to represent the term or phrase in some graphic, picture, or pictographic form. This allows them to process the information in a different modality—an imagery form as opposed to a linguistic form. It also provides a second processing of the information which should help deepen students' understanding of the new term or phrase.

Step 4 -- Periodically Review the Terms and Phrases and Provide Students with Activities That Add to Their Knowledge Base

Ideally, all terms and phrases are kept in one academic notebook that has a “tab” or divider for each subject area. This would allow students to make comparisons between terms and phrases from different subject areas. The academic notebook might also have a tab or divider titled “my words.” In this section students would record terms and phrases of interest gleaned from their own reading experiences in or outside of school.

If students experience a new term or phrase only once, they will be left with their initial, partial understanding of the term or phrase. To develop deep understanding of the terms and phrases, students must be engaged in review activities. Once a week or perhaps more frequently, students might be offered activities that add to their knowledge base about the terms and phrases in their notebooks. For example, they might make comparison between selected terms in a given subject area or between subject areas; they might create analogies or metaphors for selected terms; they might simply compare their entries with those of other students.

Step 5 – Periodically ask students to discuss the terms with one another.

Step 5 is based on both research and common sense. Interacting with other people and talking about the learning deepens understanding – particularly of new learning. Therefore this opportunity to interact is especially important. Teachers should use some structure for these discussions including *Think, Pair, Share*, and *Talk to your neighbor about . . .*

Step 6 – The sixth step emphasizes the importance of games that use the terms and phrases from the academic vocabulary. Often underused, games help bring the terms/concepts to the forefront of students’ thinking and provide usage practice in a nonthreatening environment. After each of these activities students should be asked to make corrections, additions, and changes to the entries in their notebooks. In this way, students’ knowledge of the academic terms and phrases should deepen and become a sound foundation on which to understand the academic content presented in class.

Final Comments

The terms and phrases listed in this document are offered to Tennessee districts and schools as a foundation from which to design and implement a comprehensive program to enhance the academic background knowledge of students. The list is based on the curriculum frameworks in the respective subject areas. These are the concepts which will most likely be included in the annual summative assessment required by the State of Tennessee (spring achievement tests and Gateway). Districts and schools are encouraged to use this resource in ways that best suit their needs and dispositions.

Appendix A – Language Arts | Word List

Kindergarten

alphabet
author/illustrator
back cover/front cover
beginning/ending
consonant
date
drawing
fairy tale
first name / last name
follow directions
letter
letter - sound relationship
listening
number word
picture book
picture dictionary
poem
print
retell
rhyme
sight word
speech
title/title page (introduction)
uppercase/lowercase
vowel
word
word families

First Grade

blends
capitalization
chapter
character
complete
comprehension
consonants/consonant blends
create
describe
digraph
diphthong
direction
fantasy
final
illustrate
initial
language
long vowel
magazine
order/sequence
predict
punctuation (basic)
question
reality
short vowel
syllable
trigraph
vocabulary
vowel (long/short)

Second Grade

adjective
composition
conversation
dictionary
discussion
draft
edit
everyday language
fiction
folktale
glossary
group discussion
guest speaker
main character
main idea
margin
mental image
message
nonfiction
noun
predictable book
prewriting
pronoun
publish
purpose
reread
setting
spelling pattern
table of contents
textbooks
theater
verb (action word)

Appendix A – Language Arts | Word List

Third Grade

abbreviation
adverb
antonyms
apostrophe
complete sentence
context clues
contraction
declarative
exclamatory
fact
interrogative
multi-meaning words
opinion
organization
plural
possessive
predicate
prefixes
punctuation (commas)
root word
run-on sentence (introduction)
sequence (sequential)
singular
story elements (character,
setting, plot)
subject
suffixes
summarize
supporting details
synonyms
verb (types and functions)

Fourth Grade

alliteration
analogy
audience (as listeners and
readers)
author's purpose
cause/effect
compare/contrast
double negatives
drawing conclusions
fable
genre (introduction)
index
making inferences
outline
possessive nouns
prediction
proofread
punctuation (quotation marks)
sentence fragment
simple predicate
simple subject
thesaurus
verb tense

Fifth Grade

caption (identify)
comparative adjectives
coordinating conjunctions
hyperbole
idiom (introduction)
interjections
introductory paragraph
main idea/stated and implied
metaphor
narrative
onomatopoeia
parts of speech
personification
plot (main incidents of a plot)
point of view/perspective
preposition/prepositional phrase
prompt
punctuation marks (colon, semi-
colon)
reference source
root words (as aids in
determining meaning)
run-on sentence (correcting)
simile
summary
superlative adjectives
text
theme
transitional words

Appendix A – Language Arts | Word List

Sixth Grade

affix
almanac
analogy (part to whole/function)
appositive
biography
caption
chronology
clause (dependent/independent)
criticism
dialect
edit
literal vs. figurative
log
mythology
oral tradition
paraphrase
phrases (adj., adv., prep., inf.,
etc.)
plagiarism
poetic element (e.g., rhyme,
rhythm, and figurative
language)
point of view (1st, 3rd limited,
and 3rd omniscient)
propaganda devices
proverb
relevant/irrelevant
stress
subordinating conjunction
tabloid
textual features

Seventh Grade

analogy (verb forms, rhymes)
anecdote
assumption /assume
autobiography
clarify
clause (adverb, introductory, etc)
compile
convention
culture
documentary
exposition (literary)
expository writing
expression (emphasis, stress, etc.
in oral language)
fluency
generalization
imagery
inconsistency
infinitive
interpretation
literary elements (irony, mood,
foreshadowing, flashback,
tone, symbolism)
parallel structure
projection
prose
revision
sentence structure
stereotype
strategy
types of poetry
viewpoint (opinion)

Eighth Grade

allusion (define concept with
simple illustrations)
antecedent* (pronoun/antecedent
agreement)
bias
clinger sentence
coherent order
composition structure (structural
patterns in composition)
cross-reference
debate
derivation
dramatization
elaboration (supportive details)
facilitator (role
identification/groups)
gerund and gerund phrase
infer from unstated assumptions
jargon
logic (inductive/deductive
reasoning)
mnemonic device
oral language techniques
(inflection, enunciation, rate,
and pitch)
participles and participial phrase
persuasive writing techniques
preface
reliability
sensory detail
shades of meaning
synthesize/analyze
tension
thesis statement
writing process

Appendix A – Language Arts | Word List

Ninth Grade

active listening skills
allusion (classical, Biblical, historical, mythological)*
antecedent*
character motivation*
citation*
coherence*
comma splice (run-on sentence)
couplet
dialect (uses of dialect including Shakespearean English)
diction*
dramatic elements (dramatic monologue & soliloquy)
editing
elements of plot (rising action, conflict, climax, falling action*, denouement/resolution)
epic
excerpt*
figurative language (simile, metaphor, personification, alliteration, & onomatopoeia)*
genre
intervening word phrases or clauses in writing*
irony* (situational, verbal, & dramatic)
modes of writing (descriptive, persuasive, narrative, & expository)
non-verbal feedback* (gestures, body language)
paraphrase
point of view (1st, 3rd limited, & 3rd omniscient)
recurring themes
revision*
shift* (tense/point of view)
style (vivid words, variety of sentence structures & appropriate transitions)

Tenth Grade

acronym
allegory
ambiguity
antagonist
archetype
assonance
bias
censorship
conjunctive adverbs
connotation
consonance
credible/valid sources
cultural perspective
denotation
etymology
idiom (figurative language)
incongruity
juxtaposition
literary analysis
logical fallacy
MLA, APA (documentation styles)
parallelism*
parody
persona
précis
primary source/secondary source
prose
protagonist
rebuttal*
satire
semantics
sentence variety & structure
stream of consciousness
syntax
understatement (litotes)
vernacular

Note: Terms in grades 9 and 10 Language Arts with asterisks are words included in the state frameworks that have been deemed essential by the committee as essential knowledge for end-of-course tests.

Appendix B – Math | Word List

Kindergarten

above
behind
below
calendar
circle
coin
day/date
graph (introduction)
hour
in front
inside
left
minus
months
number
number line
outside
pattern
plus
rectangle
right
ruler
shape
sorting
square
tally
triangle
under
week
year
zero

First Grade

addition
amount
backward/ forward
between
chart
corner
cube
cylinder
digit
direction
doubles
even/odd
fewer/fewest
greater than
grouping
guess/estimate
half hour
inch
less than
measure
minute
numeral
pound
solve
subtraction
sum
symbol
temperature
total

Second Grade

angle
cardinal number
chance
decreasing pattern
difference
distance
foot (measurement)
fraction
geometric shapes/figures
height
increasing pattern
length
model
numeric pattern
ordinal number
outcome
pattern extension
quarter-hour
regroup
rename
second (time)
set
standard measurement
symmetry
table
time interval
whole number
width

Appendix B – Math | Word List

Third Grade

addend
area
array
commutative property
data
decimal
denominator
elapsed time
estimation
factor
graph (using different types)
horizontal
measurement
metric system
multiple
letter/number coordinates
number sentence
numerator
perimeter
place value
probability (conceptual)
product
scale
three-dimensional
two-dimensional
vertical

Fourth Grade

acute
associative property
attributes
capacity
computation
congruent
dividend
divisor
equivalent
expanded form (whole numbers
up to 10,000)
grid
hundredths
identity property
line
mass
median
mode
obtuse
point
quotient
ray
reasonable
similar (comparing figures)
tenths
transformations (flips, slides,
turns)
volume (conceptual)
zero property

Fifth Grade

diameter
distributive property (numeric)
edges
equation (modeling)
expanded form (from millions to
two-place decimals)
faces
improper fraction
intersecting (lines)
inverse operation
line of symmetry
mean
metric units (meter, liter, gram)
millions
mixed numbers
parallel (lines)
partial product
perpendicular (lines)
plane
polygon (regular/irregular)
proper fraction
quadrilateral
radius
simplify/reduce
standard form
thousandths
types of triangles (isosceles,
equilateral, scalene, right,
acute, obtuse)
variable
vertex or vertices
x, y axis (Quadrant I)

Appendix B – Math | Word List

Sixth Grade

algebraic expression
biased sample
composite
conjecture (with data)
coordinate plane
degrees (angle)
divisibility
equation (solving)
evaluate
formula
function
interval
measures of central tendency
net
odds of an event
order of operations
percent
prime
prime factorization
probability
properties of polygons
proportion
random
ratio
reciprocal
scale drawing
simplify
simulation
statistics
stem-and-leaf plot
transformation (reflection,
rotation, & translation)
tree diagram
volume

Seventh Grade

area of complex shapes
area of irregular shapes
box & whisker plot
circumference
classification of triangles by
angle
classification of triangles by
sides
exponential notation
exponents
inequalities (number line)
integer
linear equation
multi-step equations
opposite
patterns (geometric &
numerical)
percents (above 100, below 1)
pi (approximation, i.e. π , 3.14,
22/7)
quartile
rate of change
rational numbers
real number system
regular polygon
scale factor
scatter plots
similarity
surface area
Venn diagram

Eighth Grade

adjacent (angle relationship)
alternate exterior angle
alternate interior angle
complementary angle
corresponding angle
cost per unit
dilation
distance formula ($d=rt$)
distributive property (algebraic)
experimental probability
exterior
hypotenuse
infinite
intercept
interior
legs of a triangle
line of best fit (conceptual)
monomial
nonlinear equation
perfect square
Pythagorean theorem
scientific notation
sequences
slope intercept form
square root
supplementary angle
theoretical probability
transversal
vertical angles
vertical line test

Appendix B – Math | Word List

Foundations I

accuracy
area
composite
coordinate system
cost per unit
greatest common factor
intercept
least common multiple
monomial
opposite
ordered pair
percent
perfect square
perimeter
precision
prime factorization
proportion
quadrilateral
ratio
reciprocal
scale drawing
slope
stem-and-leaf plot
surface area
tree diagram
volume

Foundations II

algebraic expression
coefficients
composite numbers
constants
coordinate (number line)
degree (polynomial)
exponential form
factored form
hypotenuse
inequalities
integer
like terms
linear equation
linear graph
Pythagorean theorem
rational number
right triangle
similar triangles
verbal expression

Algebra I / Technical Algebra

absolute value
algebraic expressions
coefficients
combinations
constants
coordinate plane
distance formula
domain & range
equations (solving, graphing,
slope-intercept, etc.)
factoring
function notation
inequalities
inverse operations (algebraic)
irrational numbers
line of best fit
linear systems (elimination,
substitution)
midpoint formula
permutations
polynomial
Pythagorean theorem (area
model)
quadratic equation
quadratic formula (discriminant)
ratio/proportion (scale factors)
real
slope
subsets

Appendix B – Math | Word List

Algebra II

Cartesian plane
completing the square
complex numbers
conic sections
conjugate (complex)
correlation
Cramer's rule
delta Δ
dependent/ independent events
factorial
functions (exponential,
polynomial, logarithmic, etc.)
inverse function
logarithm
matrices
mutually exclusive
normal distribution curve
parent function
Pascal's triangle
probability (theoretical,
experimental)
radical equation
range (function)
rational expression
sampling
scalar (multiplication)
sigma Σ
synthetic division
three-dimensional coordinate
transformation (algebraic)

Geometry / Technical Geometry

adjacent
altitude
angle of depression
angle of elevation
bisect
central angle
chord
complementary (expressed
algebraically)
congruence
conjecture
corresponding parts
deductive reasoning
geometric mean
inductive reasoning
inscribed
median of a triangle
parallel
perpendicular
pi
proof (formal, paragraph, flow,
coordinate)
reflexive, symmetric, and
transitive properties
secant line
similarity
supplementary (expressed
algebraically)
surface area (lateral/ total)
tangent line
theorem
transversal

Integrated Mathematics I

bar graphs
central tendency
circle graphs
distance formula
domain & range
expression
Fibonacci sequence
function (exponential,
polynomial)
inequalities
inverse operations (algebraic)
irregular geometric figures
line of best fit
measure of dispersion
non linear graph
Pascal's triangle
permutations
pi
Pythagorean theorem (area
model)
quadratic equation
real numbers
relationship
slope
solve system of equations

Appendix B – Math | Word List

Integrated Mathematics II

absolute value
bisect
Cartesian plane
chord
complex numbers
congruence
deductive reasoning
geometric mean
inductive reasoning
inscribed
irrational
mutually exclusive
networks
parallel
perpendicular
polynomial
probability
ratio/ proportion (scale factors)
rationalize
secant line
similarity
supplementary (expressed algebraically)
surface area (lateral/ total)
system of linear equations
tangent line
validity

Appendix C – Science | Word List

Kindergarten

air
animal features
cloud
color
day
egg
food
growth
insect
moon
night
ocean
parent
plant
seasonal change
senses
shape
size
soil
sun
thermometer
water
weather
year

First Grade

balance
dinosaur
earth gravity
environment
freezing
gas
heat
light
liquid
location
machine
magnet
mammoth
matter
position
prediction
pulling
pushing
salt water
shelter
solid
star
weather patterns (seasons)

Second Grade

behavior pattern
characteristics
circular motion/ straight line
motion / zigzag movement
dissolve
distance
diversity of life
earth resources
habitat
individual differences
magnification
magnifier
observation
parent/offspring similarity
prehistoric
properties
reasoning
scientist
similarities & differences
sound
universe
vibration
weight

Appendix C – Science | Word List

Third Grade

atmosphere
conservation
energy
extinct
force
geological features
life cycle
magnetic attraction
matter (states of)
moon phases (basic four)
natural resources
observe
offspring
orbit
organism
photosynthesis
physical change
physical properties
pollution
precipitation
predator
prey
rotation
scientific method
solar system
water cycle
weathering

Fourth Grade

adaptations
amphibians
cell (wall, membrane,
cytoplasm, nucleus, vacuoles)
condensation
earth's layers (crust, mantle,
core)
edible (parts of plants)
endangered
erosion
evaporation
friction
gravity
heredity
lunar
mammals
mixture/solution
moon phases (correct sequence)
parallel circuit
pitch
renewable / non-renewable
reptiles
series circuit
simple machines
solar energy
threatened
thriving
traits / characteristics

Fifth Grade

acids/bases
chemical change
chemical properties
concave lens
conduction
conductor
contract/expand
convection
convex lens
ecosystem
environmental changes (human
& nature)
fossils (relative age)
inherited traits
insulator
kinetic energy
light reflection
light refraction
magnetic field
mass
metamorphosis (complete &
incomplete)
potential energy
radiation
revolution
species
states of matter

Appendix C – Science | Word List

Sixth Grade

absorption
amplitude
classification
commensalism
consumer
decomposer
eclipses (solar/ lunar)
energy transformations
extinction
food web
forms of energy
fossils
frequency
heat flow
mutualism
nuclear power
parasitism
producer
reflection
refraction
relative age
seasons
sedimentary rocks
tides
universe components
wave
wavelength

Seventh Grade

asexual reproduction
carbon cycle
cell organelles (ribosome,
mitochondria, chloroplast,
vacuole, lysosome)
chloroplast
chromosome
compound
concentration
cytoplasm
density
diffusion
element
gene
mitochondria
mitosis
molecule
nano-technology
nucleus
organ
organ system
organic & inorganic
osmosis
product
reactant
respiration
run-off
sexual reproduction (plant and
animal)
tissue
transpiration
volume
weather data
weight (gravitational pull on
mass/SI unit is Newton)

Eighth Grade

acceleration
biome
biotic and abiotic factors
chemical equation
continental drift and plate
tectonics
dichotomous key
DNA
dominant and recessive traits
earthquake
endo/exothermic
energy resources
genetic engineering
genotype and phenotype
genus and species
gravitation (universal law)
igneous and metamorphic rocks
inertia
law of conservation of mass
minerals
momentum
monohybrid cross
mutation
Newton's 3 laws of motion
pH
Punnett square
rock cycle (sedimentary,
igneous, and metamorphic)
speed
velocity
volcano

Appendix C – Science | Word List

Biology

cell transport (active, passive)
allele
alternation of generations
anatomical structure (analogous, homologous)
bacteria
ecological pyramid (biomass, energy)
biomolecules (proteins, lipids, nucleic acid, carbohydrates)
body plan
cellular respiration (aerobic, anaerobic, fermentation)
diploid
DNA fingerprint
DNA replication
DNA sequence
evolution
fungi
haploid
homeostasis
behavior (innate, learned)
karyotype
Linnean classification
meiosis
natural selection
nitrogen cycle
organelles (nucleolus, Golgi apparatus, endoplasmic reticulum)
population growth curve
protein synthesis
protist
recombinant DNA
scientific theory
sex-linked trait
transcription
translation

Earth Science

acid rain
atmospheric cycle
Big Bang Theory
boundaries (divergent, convergent)
cleavage
convection currents
fossil record
fracture
geochemical cycle
geologic cycles
geologic time
glaciers
global warming
gravitational effects
Greenhouse Effect
hydrologic cycle
inclination of earth
oscillating/pulsating theory
ozone depletion
paleoclimates
paleomagnetism
physiographic region
radioactive decay
severe weather (hurricane, tornado, & tsunami)
solar flares
superposition
tectonic cycle
time (relative & absolute)
topographic map
tsunami
uniformitarianism

Physical Science

atom (proton, neutron, electron)
atomic mass (isotopes)
atomic number
atomic theory
balanced equation (coefficient, product, reactant, subscript)
behavior of light (diffraction, interference)
Bernoulli's principle
bonding (ionic, covalent, hydrogen, metallic)
buoyancy (Archimedes' principle)
catalyst
chemical formula (symbol)
chemical reaction (synthesis, decomposition, combustion, single & double replacement)
classification of elements (metal, non-metal, metalloid)
gas laws (Boyle, Charles)
ion
temperature (Celsius, Fahrenheit, & Kelvin)
kinetic theory (phase change, heat, & molecular motion)
mixture (heterogeneous, homogeneous, suspension, colloid, solution)
Ohm's law (voltage, current, resistance)
periodic table (groups, periods)
properties (physical, chemical, intensive, extensive)
pure substance
thermodynamics (convection, conduction, radiation)
valence electrons
waves (transverse, longitudinal)
work

Appendix D – Social Studies | Word List

Kindergarten

automobile
celebration
family
holiday
honesty
human
job
leaders (i.e., Abraham Lincoln,
George Washington, &
Martin Luther King, Jr.)
neighborhood
privacy
rules
seasons
today
tomorrow
transportation
United States
vote
year
yesterday

First Grade

America
citizen
city
community
continent
country
elections
equality
flag
globe
governor
independence
law(s)
map
mayor
needs
ocean
past
president
respect
responsibility
rights
state
truth
veteran(s)

Second Grade

area
authority
barrier
chronological
climate
custom
distance
duty
goods
government
heritage
justice
landmark
privilege
qualifications
rural
services
settlement
symbol
tradition
urban
vegetation
volunteer

Appendix D – Social Studies | Word List

Third Grade

agriculture
barter
borders
cardinal directions
citizenship
conflict
consumer
culture
distribution
economy
equator
exports
geographic features
geography
global
hemisphere
imports
industry/manufacturing
latitude
longitude
map key (legend)
natural resources
physical map
population
producer
product
suburban
timeline
wants and needs

Fourth Grade

American Revolution
ancient civilizations
Articles of Confederation
Bill of Rights
colonial
Constitution
democracy
executive branch
explorers
judicial branch
legislative branch
Louisiana Purchase
Mayflower Compact
mission
Native American groups (e.g.,
Cherokee, Creek, Chickasaw)
preamble
Puritan
Quaker
religion
slavery
supply and demand
taxes (Revolutionary War)
Tennessee political leaders (e.g.,
Daniel Boone, John Sevier)
Trail of Tears
Westward expansion

Fifth Grade

abolitionist
amendments
American Federation of Labor-
AFL(Samuel Gompers)
Austin Peay
border states
boundaries (physical & political)
Civil War (e.g., Frederick
Douglas, Clara Barton,
Robert E. Lee, Ulysses Grant,
Justice Roger Taney,
Abraham Lincoln)
Confederate States of America
(Jefferson Davis)
debt/credit
Great Depression
historical documents
(Constitution, Bill of Rights,
Declaration of Independence)
Hull House (Jane Addams)
industrialization
Labor Laws
levels of government
Martin Luther King (Civil
Rights)
oral traditions
primary/secondary sources
urbanization

Appendix D – Social Studies | Word List

Sixth Grade

anthropologists
archaeologists
artifacts
barter economy
Buddhism
caste system
Christianity
city states
civilization
domestication
dynasty
exploration
feudal system
geologist
Hinduism
historians
impact
irrigation
Islam
Judaism
merchant / trader
middle ages
migration
monarchy
nomadic
oligarchy
philosophy
polytheism
prehistory
Renaissance
republics
romance language
theocracy

Seventh Grade

autocracy
census
colonization
conservation
contemporary
deforestation
demographics
depression
dictatorship
economic system
estuary
fjord
global warming
growth rate
immigration
infant mortality
inflation
international
lagoon
NAFTA
non-renewable
oppression
phenomena
political system
recession
renewable
resource allocation
scarcity
supply & demand
tenets
thematic
topography
trend

Eighth Grade

altruism
antebellum
Articles of Confederation
Bill of Rights
Columbian Exchange
commerce
Common Sense
confederation
Constitution of the United States
contract
credit and debt
Declaration of Independence
diplomacy
doctrine
Emancipation Proclamation
federalism
Gettysburg Address
infrastructure
institution
insurrection
interdependence
movement
nationalism
Puritanism
Reconstruction
republicanism
segregation
social norms
suffrage

Appendix D – Social Studies | Word List

Economics

affirmative action
aggregate demand
aggregate supply
arbitration
boycott
business cycle
capitalism
collective bargaining
communism
consumer price index
corporation
deregulation
entrepreneurship
federal deficit
federalism
free enterprise
income tax
Interstate Commerce Act
major economic systems
market economy
micro and macro
monopoly
national debt
opportunity cost
private sector
Reaganomics
social security
Socialism
socioeconomic
standard of living
stock market
tariffs
trust
vertical and horizontal
 integration
workers compensation

Geography

Aborigine
absolute location
bilingual
commodity price
consumer welfare
consumer's rights
cultural traits
developed country
developing country
diversity
ecosystems
ethnic group
free trade
geographic information systems
globalization
gross national product
indigenous
installment plan
landmass
microclimate
monotheism
peripheral area
physical environments
physical map
Polytheism
population pyramid
price support
redistribution of wealth
regionalization
relative location
silting
spatial distribution
speculation
synergy
tectonic plate
thermal
threshold
topography map
tributary

Government

affirmative action
amicus curiae
amnesty
anarchy
bicameral
branches of government
 (judicial, executive,
 legislative)
censure
constitutional law
de facto
double jeopardy
elastic clause
Electoral College
eminent domain
entitlements
Federal system
filibuster
gerrymandering
injunction
jurisdiction (concurrent
 appellate)
litigant
multilateral treaty
municipality
naturalization
ordinance
pardon
platform
powers (implied, expressed,
 inherent, reserved)
procurement
separation of powers
soft money
sovereignty

Appendix D – Social Studies | Word List

U. S. History

anti-Semitism
arms race
assimilation
baby boom
blockade
boss system
civil rights movement (sit-ins, segregation, desegregation)
civil service exam
Cold War
communism
containment
counter culture
Crédit Mobilier
dust bowl
entrepreneurs (i.e., Sam Walton, Michael Dell, Ray Kroc, Lee Iacocca, Donald Trump, Bill Gates, Steve Jobs, Jeff Bezos)
fascism
feminism
Granger Laws
Grant's Black Friday
Harlem Renaissance
imperialism
isolationism
labor union
Manifest Destiny
mass media
McCarthyism
nationalism
nativism
New Deal
populism
populist
progressive
prohibition
propaganda
Social Darwinism
space race
Tammany Hall
tenement
totalitarianism
United Nations
Vietnam War
Watergate
Whiskey Ring
women's suffrage

World History

apartheid
appeasement
aristocracy
armistice
atheism
commercial revolution
coup d'état
ethnic cleansing
European Union
feudalism
genocide
guerilla warfare
heliocentric
Holocaust
humanism
imperialism
industrial revolution
labor organizations
liberal, moderate, conservative
manorial
mercantilism
middle passage, triangular trade
NATO
oligarchy
OPEC
proletariat
renaissance
reparations
romanticism
scientific revolution
theocracy
totalitarian
tribal systems
United Nations

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