
Third Grade

Math**Power Verbs****Number, Number Sense and Operations Standard**

Add	Evaluate	Multiply	Understand
Compare	Explain	Order	Use
Count	Generate	Recognize	
Demonstrate	Identify	Represent	
Divide	Model	Subtract	

Measurement Standard

Construct	Estimate	Measure	Select
Establish	Identify	Read	Tell

Geometry and Spatial Sense Standard

Analyze	Classify	Draw	Identify
Build	Describe	Find	

Patterns, Functions and Algebra Standard

Analyze	Describe	Extend	Use
Create	Express	Model	Write

Data Analysis and Probability Standard

Analyze	Draw	Organize	Use
Collect	Identify	Read	
Conduct	Interpret	Support	
Construct	Match	Translate	

Third Grade

Math

Key Terms and Concepts

Number, Number Sense and Operations Standard

10 tens	factors	place value concepts
2-digit numbers	fraction circles or bars	points of reference
3-digit numbers	fraction concepts	reasonableness
addition	fractions	rectangular arrays
area model	greater than	regrouping
associative properties	hundredths	relationships
at least	inverse operations	relative size
at most	less than	remainder
base ten blocks	make change	repeated addition
coins	metric pieces	repeated subtraction
commutative properties	mixed numbers	set
decimal concepts	money	sharing equally
decimal squares	multiplication	single entity
decimals	multiplication facts	single-digit numbers
division	number lines	skip counting
division facts	numerals	subtraction
equations	paper bills	tenths
equivalent forms	parts of a whole	units
estimates	physical models	whole numbers
expanded notation	place value	

Measurement Standard

area	degrees	kilograms
calendar	elapsed time	kilometers
capacity	Fahrenheit scale	length
Celsius scale	gallon container	links
clock	gallons	metric units
cubes	grams	miles

Third Grade

Math

Key Terms and Concepts

Measurement Standard (continued)

nearest minute	temperature	U.S. customary units
ounces	thermometers	units for measuring
perimeter	tiles	volume
pounds	time	weight

Geometry and Spatial Sense Standard

acute angle	labeled grid	side
angle	lines of symmetry	straight angle
coordinate system	obtuse angle	three-dimensional
cubes	properties	objects
edge	relative size of angles	two-dimensional shapes
face	right angle	vertex

Patterns, Functions and Algebra Standard

arithmetic sequences	inequalities	quantitative changes
calculator	multiplicative patterns	tables
data	pattern	
growing patterns	predictions	

Data Analysis and Probability Standard

arrangements	graph	prediction
bar graphs	intervals greater	recording observations
charts	than one	set of data
classifying observations	line plots	symbol
combinations	mode	table
conclusions	object	timeline
data	picture graphs	
data set	possible outcomes	

Third Grade

Reading/Writing

Power Verbs

Phonemic Awareness, Word Recognition, and Fluency

Identify Read

Acquisition of Vocabulary

Apply Decode Determine

Reading Process:

Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies

Compare Create Predict
Contrast Establish Summarize

Reading Applications: Informational, Technical and Persuasive Text

Analyze Draw List

Reading Applications: Literary Text

Describe Identify Retell
Explain Recognize

Writing Processes

Apply Generate Proofread Reread
Determine Illustrate Rearrange Rewrite
Develop Organize

Third Grade

Reading/Writing

Power Verbs

Writing Applications

Produce Write

Writing Conventions

Spell Write

Research

Acquire Choose Identify Sort

Communication: Oral and Visual

Deliver Demonstrate Identify Select

Third Grade

Reading/Writing**Key Terms and Concepts****Phonemic Awareness, Word Recognition, and Fluency**

common word families	fluently	spelling patterns
complex word families	growing stock	structural analysis
comprehension	letter-sound knowledge	timing
decode words	rhyiming words	tone
decoding skills	sight words	unfamiliar words
expression	sound out	voice

Acquisition of Vocabulary

antonyms	homographs	sidebars
common abbreviations	homonyms	suffixes
compound words	homophones	synonyms
context clues	inflections	technology
contractions	-less	textual features
definitional footnotes	meanings	un-
dictionaries	paragraph clues	unknown words
-er	pre-	whole words
-est	prefixes	word clues
-ful	pronunciations	
glossaries	re-	
high-frequency	root words	
sight words	sentence clues	

Third Grade

Reading/Writing

Key Terms and Concepts

Reading Process:

Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies

chapter titles	information	skimming
content	literal questions	story topics
details	looking back	subject areas
electronic media	main ideas	texts
evaluative questions	outcomes	to be entertained
events	predictions	to be informed
examples	print texts	to follow directions
graphic organizers	purpose for reading	Venn diagrams
illustrations	reading on	visual media
inferences	scanning	webs
inferential questions	section headers	

Reading Applications: Informational, Technical and Persuasive Text

captions	graphs	table of contents
central ideas	how	texts
chapter headings	illustrations	what
charts	index	when
clarity	information	where
completeness	maps	who
conclusions	proper sequencing	why
diagrams	set of directions	
glossary	supporting details	

Third Grade

Reading/Writing

Key Terms and Concepts

Reading Applications: Literary Text

attitudes	implied themes	senses
characters	literary forms	setting
concrete details	literary genres	similarities
defining characteristics	literary works	stated themes
differences	non-fiction	text
fairy tales	picture book	word choice
feelings	plot	figurative language
fiction	plot sequence	
folk tales	poetry	

Writing Processes

audience	feedback	run-on sentences
author's chair	fragments	sentences
body	grammar	simple sentences
brainstorming	indentation	spelling
capitalization	introduction	supporting sentences
checklist	language for writing	technology
clarify	lists	topic sentences
clarity	main idea	transitional phrases
closure	meaning	transitional words
complex sentences	oral language	Venn diagrams
compound sentences	organizational strategies	webs
descriptive details	paragraphs	writer's circle
descriptive words	printed material	writing ideas
dictionaries	punctuation	writing samples
discussions	purpose	writing style
effective vocabulary	reference materials	
extraneous information	rubric	

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Reading/Writing**Key Terms and Concepts****Writing Applications**

body	journals	reports
characters	letters of request	setting
closing	main ideas	signature
date	messages	significant details
descriptive details	notes	stories
events	novels	text
formal letters	plot	thank-you notes
informal letters	poems	vivid language
informal writings	proper salutation	

Writing Conventions

adjectives	future tense	past tense
apostrophes	high-frequency words	possessive nouns
capitalization	homonyms	possessive pronouns
commas	-ion	possessives
common endings	irregular plural nouns	present tense
compounds	legibly	quotation marks
conjunctions	letters	sentences
consonant doubling	-ly	short vowels
contractions	-ment	subject-verb agreement
cursive	multi-syllabic words	suffixes
dialogue	noun-pronoun	verbs
dictionary	agreement	words
end punctuation marks	nouns	

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Reading/Writing

Key Terms and Concepts

Research

books	experiments	school library
categories	information	searching techniques
CD-ROMs	interviews	surveys
citing sources	magazines	topic
classroom	multimedia reports	videotapes
communication	observations	visual reports
techniques	oral reports	Web sites
community resources	public library	written reports
data	relevant information	

Communication: Oral and Visual

audience	ideas	relevant details
body	illustrations	relevant facts
charts	informal descriptive	sources
clarification	presentations	supporting details
clear diction	informational	technology
clear focus	presentations	tempo
conclusion	introduction	tone
diagrams	logical sequence	visual materials
events	main idea	visual media
explanation	opinions	volume
facts	oral presentations	
formal descriptive	presentations	
presentations	purpose	

Third Grade

Science**Power Verbs**

Earth and Space Sciences

Compare

Describe

Investigate

Observe

Life Sciences

Classify

Relate

Use

Physical Sciences

Describe

Identify

Predict

Science and Technology

Investigate

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Scientific Inquiry

Discuss

Organize

Record

Interpret

Read

Select

Scientific Ways of Knowing

Describe

Discuss

Keep records

Third Grade

Science

Key Terms and Concepts

Earth and Space Sciences

ability to support plant growth	composition of soil	products of plants and animals
actions	decomposed pieces of plants and animals	properties of soil
breakdown	distinct properties	rocks
capacity to retain water	investigate	small pieces of rock
color	layering	texture

Life Sciences

adulthood	characteristics	harmful
beneficial	chrysalis	life cycles
birth	death	nature of the environment
body coverings	egg	organism's habitat
body structure	extinct organisms	reproduction
butterfly	fossils	tadpole
caterpillar	frog	

Physical Sciences

background	magnetism	position
collision	measuring	pull
contact forces	motion	push
force	noncontact forces	tracing
friction	object	weight
gravity	over time	

Third Grade

Science

Key Terms and Concepts

Science and Technology

design a solution
 extend senses
 human abilities

identify a problem
 identify possible
 solutions

move things
 simple design process
 solve a problem

Scientific Inquiry

appropriate tools
 charts
 English units
 graphs
 journals
 length
 measurements

metric units
 observations
 oral observations
 pictures
 recorded observations
 relevant safety
 procedures

scientific findings
 tables
 weight
 written observations

Scientific Ways of Knowing

careers in science
 contributed

development of science
 rewarding

Third Grade

Social Studies

Power Verbs

History

Define	Describe	Measure	Place
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People in Societies

Compare	Describe
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Geography

Compare	Describe	Interpret	Name
Construct	Identify	Locate	Read

Economics

Categorize	Define	Explain	Identify
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Government

Define	Explain	Identify
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Citizenship Rights and Responsibilities

Describe	Demonstrate
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Social Studies Skills and Methods

Interpret	Locate	Obtain	Read
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Third Grade

Social Studies

Key Terms and Concepts

History

architecture	employment	technology
businesses	local historical events	time
centuries	physical features	time line
changes	recreation	transportation
decades	religion	years
education	sequential order	

People in Societies

artistic expression	language	settlement patterns
cultural practices	local community	various cultural groups
food	religion	

Geography

aerial photographs	ideas	population
Antarctic Circle	landforms	Prime Meridian
Arctic Circle	local community	relative location
bodies of water	map key	South Pole
cardinal directions	map title	symbols
climate	modified	systems of
compass rose	North Pole	communication
direction indicator	number/letter	systems of
economic characteristics	grid system	transportation
environment	physical characteristics	tropics
equator	physical features	vegetation
hemisphere	physical maps	
human features	political maps	

Third Grade

Social Studies

Key Terms and Concepts

Economics

buyers	exchange goods	personal decision
consumers	and services	producers
consumption	forms of money	production
division of labor	goods	purchase
economic activities	market	sellers
economic competition	opportunity cost	services
	over time	specialization

Government

authority	location of local	protecting the rights
bullying	government	of individuals
city council members	buildings	providing public
county commissioners	major functions	services
functions of government	making laws	settling disputes
legitimate authority	mayor	source of funding
local government	power	stealing
local leaders	promoting order	structure
	and security	township trustees
		unjust

Citizenship Rights and Responsibilities

being informed about	environment	respect for the rights
current issues	helping the homeless	and dignity of each
civic-mindedness	low-income areas	person
civility	obeying laws	respecting the
compassion	paying taxes	rights of others
compromise	persistence in	responsibilities of
effective citizenship	achieving goals	citizenship
traits	preserve	restoring houses
emphasis		volunteerism
		voting

Third Grade

Social Studies**Key Terms and Concepts**

Social Studies Skills and Methods

artifacts	gathering information	oral histories
bar graphs	identifying a problem	parts of a source
cause and effect relationships	illustrations	photos
charts	information	pictographs
choosing and implementing a solution	keyword searches	problem-solving/ decision-making process
considering advantages and disadvantages of options	letters	table of contents
documents	listing and considering options	title page
	local issues	
	maps	
	newspapers	