
First Grade

Math

Power Verbs

Number, Number Sense and Operations Standard

Count	Explain	Read	Use
Demonstrate	Generate	Recognize	Write
Determine	Identify	Represent	
Develop	Model	Show	
Draw	Partition	State	

Measurement Standard

Estimate	Order	Recognize	Tell
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Geometry and Spatial Sense Standard

Compare	Create	Identify
Copy	Extend	

Patterns, Functions and Algebra Standard

Classify	Order	Sort
Describe	Solve	

Data Analysis and Probability Standard

Answer	Construct	Identify
Arrange	Describe	Read
Collect	Display	Sort

First Grade

Math

Key Terms and Concepts

Number, Number Sense and Operations Standard

addends	doubles	one more, two more
addition	doubles plus	ones
all but one	or minus one	order
coins	equal	ordinal numbers
combination	equivalent forms	part
combining sets	first	patterns
conventional symbols	first digit	penny
count backward	fourths	place value concepts
from 100	fractions	quarter
count by fives	group	second
count by tens	groupings	subtraction
count by twos	halves	tens
count forward or	identity property	tens frames
backward starting at	(adding zero)	third
any number between	make ten	thirds
1 and 100	multiplication as	two-digit number
count forward to 100	repeated addition	value
counting all	nearness	whole
counting on	nickel	whole numbers
dime	number sentences	
division	numerals	
dollar	one less, two less	

First Grade

Math
Key Terms and Concepts

Measurement Standard

afternoon	half hour	sequence of events
analog (dial) timepieces	hour	spring
balance scales	inches	standard units
centimeters	length	summer
digital timepieces	morning	time
fall	night	weight
feet	non-standard units	winter
fixed units	rulers	

Geometry and Spatial Sense Standard

angles	figures	right
attributes	hexagon	shape
circle	left	size
close to	location words	square
combining	near	three-dimensional
corners	number of sides	objects
cutting apart	number of vertices	trapezoid
directional words	parallelogram	triangle
distance	pentagon	two-dimensional shapes
ellipse	position	
faces	rectangle	
far	rhombus	

First Grade

Math**Key Terms and Concepts**

Patterns, Functions and Algebra Standard

attributes	multiple attributes	shapes
basic unit	objects	simple number patterns
color	patterns	sorted
commutative property	repeating patterns	sounds
growing patterns	sequences	

Data Analysis and Probability Standard

attribute	more likely/less likely	size
bar graph	number cubes	spinners
charts	ordinal position	table graph
conclusions	picture graph	tally marks
data	possible/impossible	weight
graph	predictions	
main ideas	simple events	

First Grade

Reading/Writing

Power Verbs

Phonemic Awareness, Word Recognition, and Fluency

Add	Decode	Distinguish
Blend	Delete	Identify
Change	Demonstrate	Read

Acquisition of Vocabulary

Classify	Predict	Use
Determine	Recognize	

Reading Process:

Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies

Compare	Describe	Visualize
Create	Recall	

Reading Applications: Informational, Technical and Persuasive Text

Ask	Follow	Identify
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Reading Applications: Literary Text

Identify	Provide	Recognize	Retell
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Writing Processes

Apply	Develop	Mimic	Reread
Construct	Generate	Organize	Rewrite
Determine	Illustrate	Proofread	

First Grade

Reading/Writing

Power Verbs

Writing Applications

Produce Write

Writing Conventions

Print Spell

Research

Discuss Recall Report

Communication: Oral and Visual

Compare Deliver Follow Speak

First Grade

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

automatic	letter-sound	rimes
beginning sounds	correspondence	sentences
common word families	letter-sound matches	short-vowel patterns
consonant blends	long-vowel patterns	sight words
decoding skills	meaning	sound out
emphasis	onsets	sounds
ending sounds	patterns	stock
expression	phonemes	timing
fluid	punctuation	unfamiliar words
letter patterns	recognition	voice
letters	rhyming words	words

Acquisition of Vocabulary

abbreviations	contractions	synonyms
antonyms	define	unknown words
beginner's dictionary	fruits	vegetables
categories	homophones	word identification
colors	inflectional endings	word order
compound words	root words	
context clues	sight words	

First Grade

Reading/Writing**Key Terms and Concepts****Reading Process:****Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies**

authors	independent reading	simple inferential
discussing images in texts	materials	questions
drawing pictures	information	texts
electronic media	literal questions	to be entertained
evaluative questions	non-fictional texts	to be informed
fictional texts	predictions	to follow directions
genres	prior experience	Venn diagrams
graphic organizers	prior knowledge	visual media
illustrators	purpose for reading	webs
important ideas	similarities	writing simple descriptions

Reading Applications: Informational, Technical and Persuasive Text

captions	maps	title page
central ideas	multiple-step directions	what
charts	nonfiction	when
graphs	photographs	where
how	sequence of events	who
illustrations	simple diagrams	why
informational texts	supporting details	

Reading Applications: Literary Text

beginning	interpretation	setting
characters	middle	story
end	plays	text
events	poems	
information	predictable patterns	

First Grade

Reading/Writing

Key Terms and Concepts

Writing Processes

audience	end	spelling
beginner's dictionary	feedback	subjects
beginning	grammar	technology
brainstorming	language	text
capitalization	lists	Venn diagrams
checklist	literature	verbs
clarity	main idea	vocabulary
complete sentences	middle	webs
conventions	organizational strategies	word bank
descriptive words	punctuation	word wall
details	purpose	writing ideas
discussions	rubric	writing samples

Writing Applications

beginning	informal writings	notes
descriptive words	invitations	poems
details	journals	simple judgments about the text
end	messages	simple stories
friendly letters	middle	

First Grade

Reading/Writing

Key Terms and Concepts

Writing Conventions

adjectives	matching familiar words and word parts	sentences
capitalization	nouns	sounding out
common long vowel words	periods	strategies
end punctuation	phonetically	unfamiliar words
exclamation points	question marks	verbs
high-frequency words	regular short vowel patterns	words
legibly	segmenting	
letters		

Research

area of personal interest	important information	searching techniques
books	investigation	topic
classroom	observations	unit of study
community resources	public library	
gather information	school library	

Communication: Oral and Visual

active listening skills	express opinions	relevant information
asking questions	informational presentations	rhymes
beginning	making eye contact	simple dramatic presentations
clearly	personal experience	simple oral directions
descriptive details	prior experience	songs
details	prior knowledge	stories
ending	recite poems	understandably
event		

First Grade

Science

Power Verbs

Earth and Space Sciences

Explain Identify

Life Sciences

Explore Investigate Recognize

Physical Sciences

Classify Explore Recognize
Describe Investigate

Science and Technology

Explain Explore Identify Investigate

Scientific Inquiry

Ask Create Explore Use

Scientific Ways of Knowing

Demonstrate Discover

First Grade

Science

Key Terms and Concepts

Earth and Space Sciences

decreased use	needs	slightly noticeable
environment	non-living environment	soil erosion
extended	organisms	supply
forests	population	tree roots slowly
limited	recycling	breaking sidewalks
living environment	resources	very noticeable
minerals	reusing	wants

Life Sciences

activities	grocery stores	seasonal changes
air	health	shelter
basic needs	lakes	sources
farm animals	living space	survival
farm crops	nesting	water
food	oceans	
forests	organisms	

Physical Sciences

batteries	energy source	mixing
bending	exposing to light	physical properties
change	food	solid
change properties	freezing	speed
cutting	gasoline	stop
direction	heating	sun
dissolving	liquid	wetting
electricity	magnets	

First Grade

Science

Key Terms and Concepts

Science and Technology

aluminum

coal

community

recycling projects

electricity

energy

follow directions

glass

making something new

natural gas

newspaper

save energy

turning things off

wood

Scientific Inquiry

appropriate tools

compare

conclusions

estimates

magnifiers

safety procedures

scientific investigations

simple balances

simple equipment

student-generated

timers

tools

“what happens when”
questions

Scientific Ways of Knowing

evidence

investigations

multiple times

observations

First Grade

Social Studies

Power Verbs

History

Clarify	Distinguish	Raise questions	Relate
Compare	Place	Recite	

People in Societies

Describe	Identify
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Geography

Compare	Describe	Locate
Construct	Identify	Represent

Economics

Explain	Describe
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Government

Demonstrate

Citizenship Rights and Responsibilities

Explain

Social Studies Skills and Methods

Communicate	Display	Obtain
Determine	Identify	Sequence

First Grade

Social Studies

Key Terms and Concepts

History

achievements	future	present
artifacts	heroism	roles of children
associated	how families lived	roles of men
basic human needs	in the past	roles of women
books	known	state holidays
chronological order	letters	unknown
daily life	months	ways people meet
events	near	human needs
far	past	year
federal holidays	photographs	

People in Societies

art	emphasis	local community
artistic expressions	family customs	customs
clothing	family traditions	local community
continent	folktales	traditions
cultural practices	food	music
culture	human needs	roles
daily life	language	shelter
differences	life in other countries	similarities

Geography

areas	distance	globes
city	familiar places	hill
classroom	far	house
clothing	farm	human adaptations
correctly	food	human features
direction	forest	lake

First Grade

Social Studies

Key Terms and Concepts

Geography (continued)

left	physical environment	shelter
local community	physical features	similarities
location	places of significance	state
maps	playground	symbols
models	recreation	town
mountain	represent	traffic signs/signals
near	right	transportation
neighborhood	river	United States
park	school	variations

Economics

barter	obtain goods and services	the use of money
consume goods and services	produce goods and services	unlimited
exchange goods and services	resources	wants
make choices	scarce	

Government

bald eagle	need for fairness	Statue of Liberty
consequences of violating rules	role of authority figures	symbols of the United States
democracy	rules	values
group decisions	safety	voting
national anthem	security	White House
	settings	

First Grade

Social Studies

Key Terms and Concepts

Citizenship Rights and Responsibilities

accomplishments	pride	tasks
accountability	respect for the rights and	treating others the way
actions	opinions of others	you want to be
citizenship	respect for those	treated
fair play	in authority	trustworthiness
fairness	self-control	
good sportsmanship	self-direction	

Social Studies Skills and Methods

courtesy	main ideas	staying on topic
focusing attention on the speaker	oral sources	topic
group settings	orally	variety
information	print sources	visual sources
	respect	visually