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**Second Grade**


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**Math**


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**Power Verbs**


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**Number, Number Sense and Operations Standard**

Add	Demonstrate	Identify	Represent
Compare	Estimate	Model	Use
Count	Explain	Recognize	

**Measurement Standard**

Compare	Establish	Select	Test
Describe	Identify	Tell	

**Geometry and Spatial Sense Standard**

Compare	Describe	Identify	Recognize
Create	Determine	Predict	Sort

**Patterns, Functions and Algebra Standard**

Extend	Create	Use	Describe
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**Data Analysis and Probability Standard**

Construct	Interpret	Pose	Recognize
Identify	List	Read	

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## Second Grade

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### ***Math***

#### **Key Terms and Concepts**

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##### **Number, Number Sense and Operations Standard**

2-digit numerals	front-end estimation	rectangle
3-digit numerals	halves	rectangular arrays
addends	hundreds	repeated addition
associative properties of addition	make change	repeated subtraction
coins	missing addend problems	single entity
commutative properties of addition	money	sixths
compare	multiples of 10	skip counting
comparison	multiplication	subtraction
compatible numbers	numerals	take-away
compensatory numbers	objects	tens
contiguous parts	odd numbers	the \$ sign
decimal form	ones	the ¢ sign
division as sharing equally	order	thirds
dollar bill	part to whole	trading games
eighths	parts of a whole	value of money
even numbers	parts of sets	whole number addition
fourths	physical models	whole number subtraction
fractional	place value	whole numbers
fractions	quantity	
	reasonableness	

##### **Measurement Standard**

a.m.	cups	hours
accurate	digital timepieces	inches
analog (dial) timepieces	feet	length
capacity	grams	liters
centimeters	half-hours	measurement tools

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## Second Grade

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### ***Math***

#### **Key Terms and Concepts**

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##### **Measurement Standard** (continued)

measuring cup	p.m.	time
meters	pints	time designations
metric units	pounds	U.S. customary units
minutes	predictions	units of measure
nearest 5-minute interval	quarter-hours	volume
nearest minute interval	quarts	weight
nearest unit	ruler	yards
ounces	scale	

##### **Geometry and Spatial Sense Standard**

combining	logos	similar
cones	number of edges	spheres
congruent	number of faces	superposition
cubes	number of vertices	symmetrical
cutting apart	polygons	three-dimensional objects
cylinders	prisms	two-dimensional shapes
letter shapes	pyramids	
line symmetry	shape of faces	

##### **Patterns, Functions and Algebra Standard**

equation	missing element	qualitative changes
equivalence	new patterns	quantitative changes
existing patterns	number patterns	repeating patterns
expression	numerical patterns	symbols
generalizations	patterns	unknown quantities
growing patterns	predictions	values

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**Second Grade**

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**Math****Key Terms and Concepts**

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**Data Analysis and Probability Standard**

bar graphs	line plots	questions
categories of data	more, less or equally likely to occur	sequence events
charts	observations	surveys
collect data	picture graphs	timelines
given outcomes	population	untrue statements
given set of data	possible outcomes	vary
inappropriate statements	predict	
interviews		

## Second Grade

### *Reading/Writing*

#### **Power Verbs**

#### **Phonemic Awareness, Word Recognition, and Fluency**

Blend	Distinguish	Read
Segment	Identify	

#### **Acquisition of Vocabulary**

Classify	Determine	Identify	Read
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#### **Reading Process:**

#### **Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies**

Create	Establish	Predict	Summarize
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#### **Reading Applications: Informational, Technical and Persuasive Text**

Analyze	Classify	List
Arrange	Identify	Use

#### **Reading Applications: Literary Text**

Compare	Distinguish	Retell
Describe	Identify	

#### **Writing Processes**

Apply	Develop	Organize	Reread
Assess	Generate	Proofread	Rewrite

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## **Second Grade**

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### ***Reading/Writing***

#### **Power Verbs**

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##### **Writing Applications**

Produce                      Write

##### **Writing Conventions**

Print                      Spell

##### **Research**

Acquire                      Identify                      Report  
Create                      Sort

##### **Communication: Oral and Visual**

Adjust                      Deliver                      Follow                      Select  
Compare                      Demonstrate                      Identify

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## Second Grade

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### *Reading/Writing*

#### Key Terms and Concepts

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##### **Phonemic Awareness, Word Recognition, and Fluency**

automatic decoding skills	letter blends	sound out unfamiliar words
beginning sounds	long-vowel sounds	stock
common word families	middle sounds	syllable sounds
different spelling patterns	multi-syllable words	syllables
ending sounds	phonemes	timing
expression	rhyiming words	unknown words
fluently	same spelling patterns	voice
fluid	segment	words
letter	short-vowel sounds	
	sight words	

##### **Acquisition of Vocabulary**

antonyms	-ful	root words
beginner's dictionary	glossaries	suffixes
categories	high-frequency sight words	synonyms
colors	homographs	technology
common abbreviations	inflections	un-
compound words	-less	unknown words
context	meaning	vegetables
context clues	pre-	whole words
contractions	prefixes	word identification
-er	pronunciations	word order
-est	re-	
fruits		

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## Second Grade

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### *Reading/Writing*

#### Key Terms and Concepts

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##### **Reading Process:**

##### **Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies**

background knowledge	inferential questions	supporting details
comprehension	literal questions	texts
content	main ideas	to be entertained
electronic media	outcomes	to be informed
evaluative questions	predictions	to follow directions
events	prior experience	Venn diagrams
examples from the text	prior knowledge	visual media
graphic organizers	purpose for reading	webs
illustrations	reinforce	word errors

##### **Reading Applications: Informational, Technical and Persuasive Text**

captions	illustrations	supporting details
charts	information	table of contents
diagrams	informational text	text
essential elements	main ideas	what
events	maps	when
glossary	proper sequencing	where
graphs	sequential order	who
how	set of directions	why

##### **Reading Applications: Literary Text**

characters	plot	theme
fables	poems	versions
fairy tales	setting	words that appeal to the senses
plays	story	

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## Second Grade

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### *Reading/Writing*

#### Key Terms and Concepts

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##### Writing Processes

audience	end	spelling
author's chair	exclamatory	technology
beginner's dictionary	extraneous information	transitional phrases
beginning	feedback	transitional words
books	grammar	Venn diagrams
brainstorming	interrogative	webs
capitalization	language for writing	word bank
checklist	lists	word wall
clarity	main idea	writer's circle
complete sentences	middle	writing
declarative	oral language	writing ideas
descriptive words	organizational strategies	writing samples
details	punctuation	writing style
discussions	purpose	
effective vocabulary	rubric	

##### Writing Applications

body	journals	relevant information
clear message	letter format	signature
closing	letters	steps
date	logical sequence	stories
details	messages	text
events	notes	vivid language
informal writings	poems	
invitations	proper salutation	

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## Second Grade

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### *Reading/Writing*

#### Key Terms and Concepts

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##### Writing Conventions

abbreviations	letters	quotation marks
adjectives	months	rules
affixes	noun- pronoun agreement	sentences
base word	nouns	space
capitalization	past tense	spelling patterns
consonant blends	periods	spelling strategies
contractions	personal pronouns	subject-verb agreement
days	plurals	text words
digraphs	present tense	verb tenses
endpoints	proper nouns	verbs
exclamation points	punctuation	word lists
high-frequency words	question marks	word wall
legibly		

##### Research

assigned topic	gather information	relevant information
books	interviews	school library
categories	magazines	searching techniques
CD-ROMs	observations	surveys
classroom	personal area of interest	topic
community resources	public library	videotapes
data	questions for investigations	Web sites
experiments		

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## Second Grade

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### *Reading/Writing*

#### Key Terms and Concepts

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##### Communication: Oral and Visual

active listening strategies	formal descriptive presentations	relevant facts
beginning	ideas	relevant information
charts	illustrations	rhymes
clarification	informal descriptive presentations	simple dramatic presentations
clear diction	informational presentations	songs
clear focus	logical sequence	sources
descriptive details	main idea	stories
details	making eye contact	three-step oral directions
diagrams	oral presentations	tone
ending	poems	two-step oral directions
events	prior experience	visual media
explanation	prior knowledge	volume

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## **Second Grade**

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### **Science**

#### **Power Verbs**

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##### **Earth and Space Sciences**

Describe

Observe

Recognize

##### **Life Sciences**

Compare

Explain

Identify

Investigate

##### **Physical Sciences**

Explore

##### **Science and Technology**

Communicate

Investigate

Predict

##### **Scientific Inquiry**

Ask

Measure

Share

Use

##### **Scientific Ways of Knowing**

Describe

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## Second Grade

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### Science

#### Key Terms and Concepts

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##### Earth and Space Sciences

different	repeating seasonal	sun
measurable quantities	pattern	temperature
moon	same	weather changes
precipitation	stars	

##### Life Sciences

air	distinct environments	Ohio plants
basic need	food	Ohio's common animals
behaviors	gills	organisms
body coverings	habitats	people
changes in appearance	human-caused effects	plants
depend	leaves	roots
differences	light	shelter
different environments	living space	similarities
different seasons	lungs	source of energy
different structures of	natural forces	survive
plants and animals	nutrients	water

##### Physical Sciences

flashlights	rubber band	travels
high	shadows	tuning fork
light	soft	vibrating objects
loud	sound	
low	strings	

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## **Second Grade**

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### ***Science***

#### **Key Terms and Concepts**

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##### **Science and Technology**

benefits

individual wants

technology

individual needs

risks

##### **Scientific Inquiry**

balances

non-breakable

scientific investigation

calculators

observations

simple equipment

count

order

thermometers

describe

phenomena

timers

events

rulers

whole numbers

identify

safety procedures

measure

scientific data

##### **Scientific Ways of Knowing**

conditions

environment

scientists

## Second Grade

### ***Social Studies***

#### **Power Verbs**

##### **History**

Compare	Identify	Measure	Recognize
Describe	List	Place	Use
Explain			

##### **People in Societies**

Describe	Explain
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##### **Geography**

Compare	Describe	Interpret	Name
Construct	Identify	Locate	Read

##### **Economics**

Explain	Recognize
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##### **Government**

Demonstrate

##### **Citizenship Rights and Responsibilities**

Demonstrate	Explain
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##### **Social Studies Skills and Methods**

Communicate	Identify	Predict
Distinguish	Obtain	

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## Second Grade

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### ***Social Studies***

#### **Key Terms and Concepts**

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##### **History**

Abraham Lincoln	Harriet Tubman	series
biographies	historical artifacts	social leaders
calendar time	individual action	Sojourner Truth
character	inventors	Susan B. Anthony
Charles Drew	make a living	technology
chronological order	maps	Tecumseh
communication	Martin Luther King Jr.	Thomas Edison
daily life in the past	months	Thomas Jefferson
days	Neil Armstrong	time line
days of the week	past	transportation
diaries	photographs	United States
emphasis	political leaders	weeks
explorers	present	work
folklore	Rachel Carson	years
George Washington	related events	
George Washington Carver	science	
	scientists	

##### **People in Societies**

architects	cultural practices	political leaders
artisans	culture	products
artistic creations	explorers	scientists
common national heritage	expressions of culture	significant individuals
continents	folktales	stories
contributions	inventors	United States
cultural heritage	language	
	music	

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## Second Grade

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### ***Social Studies***

#### **Key Terms and Concepts**

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##### **Geography**

3-D models	landforms	ponds
bodies of water	map title	responded
continents	maps	rural environments
creeks	modified	suburban environments
hills	mountains	symbols
islands	oceans	urban development
key	photographs	urban environment
lakes	physical environment	valleys
land use	plateaus	

##### **Economics**

bushel	goods	special goods
buyers	medium of exchange	special services
converted	resources	
different forms of money	sellers	
	services	

##### **Government**

community	landmarks	providing services
consequences	leaders	purpose of rules
different settings	Lincoln Memorial	represent
elected by the people	making laws	resolving disputes
enforcing laws	mayor	school
governor	president	system of government
ideals	provides order	Washington Monument
Jefferson Memorial	providing leadership	workplace

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## **Second Grade**

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### ***Social Studies***

#### **Key Terms and Concepts**

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##### **Citizenship Rights and Responsibilities**

cafeteria	manage conflict	respect others
citizenship traits	peacefully	self-assurance
classroom	patriotism	self-direction
cooperation	persistence	skills
display courtesy	playground	
honesty	respect for the rights of others	

##### **Social Studies Skills and Methods**

decision-making skills	oral materials	sequence
electronic sources	oral sources	sources used to gather information
event	people	visual materials
fact	print materials	visual sources
fiction	print sources	
gather information	printed materials	
information	problem-solving skills	