

First Grade

Areas of Focus:

1. Number and Number Sense
2. Computation
3. Geometry
4. Measurement
5. Patterns, Relations, Functions

Content Standard	Trimester	Skills/Concepts	Assessment
Number and Number Sense	First	<ul style="list-style-type: none"> -Counts by 1's/5's/10's to 100 -Counts by 2's to 30 -Sequences to /writes/compares/recognizes numbers to 50 -Understands ordinal numbers through 10 -Estimates numbers of objects up to 30 -Uses numbers in real-life situations 	<ul style="list-style-type: none"> Checklists Observations Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives
	Second	<ul style="list-style-type: none"> -Counts by 1's/5's/10's to 100 -Counts by 2's to 30 -Sequences to /writes/compares/recognizes numbers to 100 -Demonstrates place value with 1's/10's -Estimates numbers of objects up to 30 -Uses numbers in real-life situations 	
	Third	<ul style="list-style-type: none"> -Counts by 1's/5's/10's to 100 -Counts by 2's to 30 -Sequences to /writes/compares/recognizes numbers to 100 -Introduce place value with 100's -Introduce fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ -Estimates numbers of objects up to 30 -Uses numbers in real-life situations 	
Computation	First	<ul style="list-style-type: none"> -Understands basic addition/subtraction facts to 10 -Adds 3 addends to 10 -Uses multiple strategies to solve addition/subtraction problems 	<ul style="list-style-type: none"> Checklists Observations

First Grade

Computation	First	-Understands basic addition/subtraction facts to 10 -Adds 3 addends to 10 -Uses multiple strategies to solve addition/subtraction problems	Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives Math Logs Flash Cards
	Second	-Understands basic addition/subtraction facts to 20 -Adds 3 addends to 20 -Uses multiple strategies to solve addition/subtraction problems	
	Third	-Understands basic addition/subtraction facts to 30 -Adds 3 addends to 30 -Addition/subtraction of 2-digit numbers without regrouping -Uses multiple strategies to solve addition/subtraction problems	
Discrete Mathematics	First	-Classifies objects into 4 categories	Observations Work samples Demonstration w/ manipulatives
Geometry	First	-Uses positional words to describe objects	Observations Work samples Demonstration w/ manipulatives Checklists Chapter test
	Third	-Identifies/describes solid and plane figures -Introduce concept of congruency	
Measurement	First	-Sequences events -Uses/understands calendars	Checklists Observations Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives Flashcards
	Second	-Sequences events -Uses/understands calendars -Identifies coins & value	

First Grade

	Third	<ul style="list-style-type: none"> -Tells time to hour/half hour using analog /digital clocks -Sequences events -Uses/understands calendars -Introduce non-standard measurements and appropriate standard/metric units to measure length / weight /height/ volume/ temperature -Counts coin sets up to \$1.00 	
Data Analysis and Statistics	Second	<ul style="list-style-type: none"> -Uses tally marks -Creates/interprets graphs 	<ul style="list-style-type: none"> Checklists Observations Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives
Probability	First	-Recognizes possible outcomes of events	<ul style="list-style-type: none"> Observation Work samples Demonstration
	Second	-Recognizes possible outcomes of events	
	Third	-Recognizes possible outcomes of events	
Mathematical Reasoning	First	<ul style="list-style-type: none"> -Introduce how to use important and unimportant information when solving math problems -Introduce to students how to explain their reasoning both verbally and in writing/drawing 	
	Second	<ul style="list-style-type: none"> -Introduce how to use important and unimportant information when solving math problems -Introduce to students how to explain their reasoning both verbally and in writing/drawing 	
	Third	<ul style="list-style-type: none"> -Introduce how to use important and unimportant information when solving math problems -Introduce to students how to explain their reasoning both verbally and in writing/drawing 	

First Grade

Patterns, Relations, Functions	First	-Extends/creates number/shape patterns -Uses/understands fact families/turn around facts -intro missing addends Looks for number patterns when solving problems -Solves problems which have an unknown (could be a number/ symbol/sign/shape)	Checklists Observations Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives Flashcards Math Logs
	Second	-Extends/creates number/shape patterns -Uses/understands fact families/turn around facts -intro missing addends -Looks for number patterns when solving problems -Solves problems which have an unknown (could be a number/ symbol/sign/shape)	
	Third	-Extends/creates number/shape patterns -Uses/understands fact families/turn around facts -Finds missing addends Looks for number patterns when solving problems -Solves problems which have an unknown (could be a number/ symbol/sign/shape)	
Algebra Concepts			
Mathematical Communication	First	-Demonstrates the ability to use $-/+/=$	Checklists Observations Work samples Chapter tests Teacher-made tests Skill assessments Demonstration w/ manipulatives Flashcards Math Logs
	Second	-Demonstrates the ability to use $-/+/=$	
	Third	-Demonstrates the ability to use $-/+/=$ -Introduce $</>$	

First Grade

Checklists
Observations
Work samples
Chapter tests
Teacher-made tests
Skill assessments
Demonstration w/ manipulatives
Flashcards