

Third Grade Benchmarks

Mathematical Practice

Explains and expresses mathematical processes				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not justify mathematical responses and/or reasoning	Sometimes justifies mathematical responses and/or reasoning verbally or in written form (with or without accuracy)	Accurately and independently justifies mathematical responses and reasoning in verbal or written form most of the time	Consistently elaborates and extends justification of mathematical reasoning and responses to convey a greater understanding
II (March)	Does not offer justification for mathematical responses and/or reasoning	Sometimes justifies mathematical responses and/or reasoning (with or without accuracy)	Accurately and independently justifies mathematical responses and reasoning in both verbal and written form most of the time	Consistently elaborates and extends justification of mathematical reasoning and responses to convey a greater understanding
III (June)	Does not offer a justification of mathematical responses and/or reasoning verbally or in written form	Sometimes justifies mathematical responses and/or reasoning in verbal and written form	Accurately and independently justifies mathematical responses and reasoning most of the time in multiple ways	Consistently elaborates and extends justification of mathematical reasoning and responses to convey a greater understanding

Applies critical thinking strategies in solving problems				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not utilize given strategies to solve problems	Sometimes utilizes a given strategy to solve problems	Accurately and independently utilizes a given strategy to solve problems	Consistently utilizes given strategies to solve problems beyond grade-level expectations
II (March)	Does not utilize strategies learned to solve problems	Sometimes utilizes a given strategy to solve problems but may do so incorrectly	Accurately and independently utilizes a strategy and explains the thought process in solving problems	Consistently utilizes given strategies and explains the thought process in solving problems beyond grade-level expectations
III (June)	Does not utilize strategies learned to solve problems	Sometimes utilizes a given strategy to solve problems with prompting and support	Accurately and independently utilizes a strategy and explains the thought process involved in solving problems	Consistently utilizes multiple strategies to solve problems and explains the thought process beyond grade-level expectations

Third Grade Benchmarks

Operations and Algebraic Thinking

Demonstrates accuracy and efficiency with multiplying and dividing within 100				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not demonstrate accuracy and efficiency with multiplying and dividing within 100	Sometimes demonstrates accuracy and efficiency with multiplying and dividing within 100	Accurately and independently demonstrates accuracy and efficiency with multiplying and dividing within 100	Consistently demonstrates accuracy and efficiency with multiplying and dividing within 100
II (March)	Does not demonstrate accuracy and efficiency with multiplying and dividing within 100	Sometimes demonstrates accuracy and efficiency with multiplying and dividing within 100	Accurately demonstrates accuracy and efficiency with multiplying and dividing within 100	Consistently demonstrates accuracy and efficiency with multiplying and dividing within 100
III (June)	Does not demonstrate accuracy and efficiency with multiplying and dividing within 100	Sometimes demonstrates accuracy and efficiency with multiplying and dividing within 100	Accurately demonstrates accuracy and efficiency with multiplying and dividing within 100	Consistently demonstrates accuracy and efficiency with multiplying and dividing within 100

Accurately applies the four operations to solve basic and/or complex word problems				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not add, subtract, multiply, or divide to solve basic and/or complex word problems	Sometimes adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (at least two operations)	Accurately and independently adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (all four operations)	Consistently applies and extends content knowledge in all four operations to solve basic and/or complex word problems
II (March)	Does not add, subtract, multiply, or divide to solve basic and/or complex word problems	Sometimes adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (at least two operations)	Accurately and independently adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (all four operations)	Consistently applies and extends content knowledge in all four operations to solve basic and/or complex word problems
III (June)	Does not add, subtract, multiply, or divide to solve basic and/or complex word problems	Sometimes adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (at least two operations)	Accurately and independently adds, subtracts, multiplies, and divides to solve basic and/or complex word problems (all four operations)	Consistently applies and extends content knowledge in all four operations to solve basic and/or complex word problems

Third Grade Benchmarks

Numbers and Operations in Base Ten

Demonstrates understanding of place value and properties to perform basic operations				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not demonstrate understanding of place value and properties to perform basic operations (uses place value understanding to round whole numbers to the nearest 10 or 100)	Sometimes demonstrates an understanding of place value and properties to perform basic operations (uses place value understanding to round whole numbers to the nearest 10 or 100)	Accurately and independently demonstrates an understanding of place value and properties to perform basic operations (uses place value understanding to round whole numbers to the nearest 10 or 100)	Consistently demonstrates an understanding of place value and properties to perform basic operations (uses place value understanding to round whole numbers to the nearest 10 or 100)
II (March)	Does not demonstrate understanding of place value and properties to perform basic operations (multiply using strategies based on place value and properties of operations)	Sometimes demonstrates an understanding of place value and properties to perform basic operations (multiply using strategies based on place value and properties of operations)	Accurately and independently demonstrates an understanding of place value and properties to perform basic operations (multiply using strategies based on place value and properties of operations)	Consistently demonstrates an understanding of place value and properties to perform basic operations (multiply using strategies based on place value and properties of operations)
III (June)	Does not demonstrate understanding of place value and properties to perform basic operations (multiply using strategies based on place value and	Sometimes demonstrates an understanding of place value and properties to perform basic operations (multiply using strategies based on place value and	Accurately and independently demonstrates an understanding of place value and properties to perform basic operations	Consistently demonstrates an understanding of place value and properties to perform basic operations (multiply using strategies based on place value and

	properties of operations)	properties of operations)	(multiply using strategies based on place value and properties of operations)	properties of operations)
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Utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not utilize strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Sometimes utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Accurately and independently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Consistently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency
II (March)	Does not utilize strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Sometimes utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Accurately and independently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Consistently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency
III (June)	Does not utilize strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Sometimes utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Accurately and independently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency	Consistently utilizes strategies to fluently add and subtract numbers within 1000 with accuracy and efficiency

Third Grade Benchmarks

Numbers and Operations-Fractions

Understands and models fractions as equal parts of a whole				
Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	N	N	N	N
III (June)	Does not state and write fractions based on shaded parts of a whole	Sometimes states and writes fractions based on shaded parts of a whole	Accurately and independently states and writes fractions based on shaded parts of a whole	Consistently states and writes fractions based on shaded parts of a whole

Recognizes and represents fractions on a number line				
Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	N	N	N	N
III (June)	Does not accurately plot fractions on a number line using equal intervals	Sometimes plots fractions on a number line using equal intervals	Accurately and independently plots fractions on a number line using equal intervals	Consistently plots fractions on a number line using equal intervals

Explains and compares equivalent fractions to solve problems				
Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	N	N	N	N
III (June)	Does not explain and compare equivalent fractions to solve problems	Sometimes explains and compares equivalent fractions to solve problems	Accurately and independently explains and compares equivalent fractions to solve problems	Consistently explains and compares equivalent fractions to solve problems

Third Grade Benchmarks

Measurement

Solves problems involving measurement and estimation				
Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	Does not correctly measure the area and perimeter of a polygon	Sometimes correctly measures the area and perimeter of a polygon	Accurately and independently measures the area and perimeter of a polygon	Consistently measure the area and perimeter of a polygon
III (June)	Does not solve problems involving measurement and estimation (time, liquid volumes, and masses of objects using standard units of grams, kilograms, and liters)	Sometimes solves problems involving measurement and estimation (time, liquid volumes, and masses of objects using standard units of grams, kilograms, and liters)	Accurately and independently solves problems involving measurement and estimation (time, liquid volumes, and masses of objects using standard units of grams, kilograms, and liters)	Consistently solves problems involving measurement and estimation (time, liquid volumes, and masses of objects using standard units of grams, kilograms, and liters)

Recognizes and writes time to the nearest minute within an hour				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not recognize and write time to the nearest minute within an hour	Sometimes recognizes and writes time to the nearest minute within an hour	Accurately and independently recognizes and writes time to the nearest minute within an hour	Consistently recognizes and writes time to the nearest minute within an hour
II (March)	Does not recognize and write time to the nearest minute within an hour	Sometimes recognizes and writes time to the nearest minute within an hour	Accurately and independently recognizes and writes time to the nearest minute within an hour	Consistently recognizes and writes time to the nearest minute within an hour
III (June)	Does not recognize and write time to the nearest minute within an hour	Sometimes recognizes and writes time to the nearest minute within an hour	Accurately and independently recognizes and writes time to the nearest minute within an hour	Consistently recognizes and writes time to the nearest minute within an hour

Uses area and perimeter to solve basic/and or complex problems				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not use area and perimeter to solve basic and/or complex problems	Sometimes area and perimeter are used to solve basic and/or complex problems	Accurately and independently uses area and perimeter to solve basic and or complex problems	Consistently uses area and perimeter to solve basic and or complex problems
II (March)	Does not use area and perimeter to solve basic and/or complex problems	Sometimes, area and perimeter are used to solve basic and/or complex problems	Accurately and independently uses area and perimeter to solve basic and or complex problems	Consistently uses area and perimeter to solve basic and or complex problems
III (June)	Does not use area and perimeter to solve basic and/or complex problems	Sometimes uses area and perimeter to solve basic and/or complex problems	Accurately and independently uses area and perimeter to solve basic and or complex problems	Consistently uses area and perimeter to solve basic and or complex problems

Third Grade Benchmarks

Data

Uses multiple strategies to collect, display, and represent data				
Marking Period	1	2	3	4
I (Nov/Dec)	Does not create or interpret a line plot, pictograph, or bar graph correctly	Sometimes creates or interprets a line plot, pictograph, or bar graph correctly	Accurately and independently creates or interprets a line plot, pictograph, or bar graph correctly	Consistently creates or interprets a line plot, pictograph, or bar graph correctly
II (March)	Does not create or interpret a line plot, pictograph, or bar graph correctly	Sometimes creates or interprets a line plot, pictograph, or bar graph correctly	Accurately and independently creates or interprets a line plot, pictograph, or bar graph correctly	Consistently creates or interprets a line plot, pictograph, or bar graph correctly
III (June)	Does not create or interpret a line plot, pictograph, or bar graph correctly	Sometimes creates or interprets a line plot, pictograph, or bar graph correctly	Accurately and independently creates or interprets a line plot, pictograph, or bar graph correctly	Consistently creates or interprets a line plot, pictograph, or bar graph correctly

Third Grade Benchmarks

Geometry

Identifies shapes by specified attributes

Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	Does not identify shapes by specified attributes	Sometimes identifies shapes by specified attributes	Accurately and independently identifies shapes by specified attributes	Consistently identifies shapes by specified attributes
III (June)	Does not identify shapes by specified attributes	Sometimes identifies shapes by specified attributes	Accurately and independently identifies shapes by specified attributes	Consistently identifies shapes by specified attributes

Represents equal parts of a whole using shapes				
Marking Period	1	2	3	4
I (Nov/Dec)	N	N	N	N
II (March)	Does not represent equal parts of a whole using shapes	Sometimes represents equal parts of a whole using shapes	Accurately and independently represents equal parts of a whole using shapes	Consistently represents equal parts of a whole using shapes
III (June)	Does not represent equal parts of a whole using shapes	Sometimes represents equal parts of a whole using shapes	Accurately and independently represents equal parts of a whole using shapes	Consistently represents equal parts of a whole using shapes