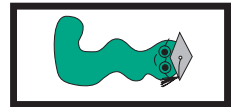


Put a ✓ after each item ONLY if the child answers correctly. Keep ✓s within the child's current grade column and continue as long as the child is comfortable answering. Enter date(s) the child is assessed at the bottom of each strand. Comments may be added to the back of the checklist.



Patterns/Algebraic Thinking ●					Data Analysis/Prediction ■					Measurement ▲					Geometric Concepts ○					Number Sense ▽									
grade					grade					grade					grade					grade									
pg #	Skill	Bench mark item	K	1	2	pg #	Skill	Bench mark item	K	1	2	pg #	Skill	Bench mark item	K	1	2	pg #	Skill	Bench mark item	K	1	2	pg #	Skill	Bench mark item	K	1	2
1	recognize, identify, reproduce, describe, and extend patterns	1-3				1	interpret graphs	5				1	use "more/less, taller/shorter, heavier/lighter"	7				1	manipulate/classify shapes	12,13				1	counts a set of objects (1 to 10)	18			
2	reproduce and describe patterns	2				2	interpret, explain, and analyze graphs	5				2	measure using nonstandard units	8				2	identify plane shapes	13				2	counts 0 to 10 (backward)	19			
3	identify, explain, and describe patterns	1				3	construct and interpret graphs	4,5				3	investigate volume	9				3	classify solid shapes	13				3	explores addition/subtraction (1 to 10)	17			
4	represent and extend patterns	1				4	construct and analyze graphs	4,5				4	recognize clock/calendar as measurement of time	10				4	compare/contrast shapes	13				4	recognizes numbers 0 to 10	20			
5	identify and represent number patterns	1				5	recognize "always, never, maybe"	6				5	use "too many, not enough, just right, more than, less than, equal to"	11				5	understand positional words	14				5	writes numbers 0 to 10	20			
6	explore 2's, 5's, and 10's patterns	2,4				6	explore "always, never, maybe"	6				6	nonstandard/standard units for length	9				6	symmetry	15				6	uses "first-tenth, next, last" positions	21			
7	explain patterns of addition	3				7	discuss "always, never, maybe"	6				7	compare weight of objects	10				7	recognize figures	17,18				7	uses "too many, not enough, just right, more than, less than, equal" language	22			
8	explain patterns of subtraction	3				8	interpret bar graphs	6				8	explore capacity of containers	11				8	classify three-dimensional figures	19				8	use manipulatives to explore whole numbers, and write equations	25			
9	explain patterns of addition	3				9	interpret pictorial graphs	6				9	place numbers correctly on a clock	12				9	characteristics of three-dimensional figures	19				9	explore addition/subtraction equations, and demonstrate inverse operations	26,27			
10	explain, explore patterns with addition	3				10	construct a graph using real objects	5				10	recognize hour and minute hands of clock	13				10	categorize two-dimensional figures	19				10	compute basic facts 0 to 10	28			
11	explore missing minuend	29				11	interpret pictorial (tally) graph	6				11	tell time to hour/half-hour intervals	14				11	identify a two-dimensional figure by characteristics	19				11	story problems using addition/subtraction	30			
12	explore missing subtrahend	29				12	predicting	7				12	explore concept of hot/cold temperature	15				12	creates two-dimensional figures using a geoboard	19				12	models, draws, and discusses story problems; writes number sentences	31			
13	skip count by 2's, 5's, 10's, and 100's	40				13	predict and compare results	7				13	read calendar naming months of year	16				13	congruent shapes	20				13	counts 0-100 forward/backward	36			
14	explore patterns using hundreds chart	4				14	predict and collect data	7				14	identify value of penny, nickel, dime, and quarter	32				14	identify symmetrical objects	21				14	associates names/numerals for two-digit numbers	38			
15	identify, model, & extend figure patterns	1				15	explore and discuss "always, never, sometimes, maybe"	8				15	determine value of like coins up to \$1.00	33				15	identify line of symmetry	21				15	compares two-digit numbers using "more, less, >, <, ="	39			
16	identify and extend figure patterns	1				16	interpret "most, least, same" with a tally graph	4,6				16	determine value of mixed coins up to \$1.00	34				16	models using positional words	22				16	identifies place value of three-digit number	41			
17	model and extend figure patterns	1				17	record outcomes on given information	4,6				17	find equal money amounts with different coin combinations up to \$.25	35				17	extend figure patterns	1				17	represent fractions using models and compares whole to fractional parts	42,43			
18	extend figure patterns	1				18	create line, bar, and pictorial graph	5				18	use appropriate tools to explore measurement	8,10,11				18	recognize and identify various shapes	18				18	add/subtract 0-18 vertically & horizontally	22,25			
19	use patterns to count pennies, nickels, dimes, and quarters	2				19	tally, interpret, record, & predict information	4				19	measure length using inches	9,10				19	create various shapes	18				19	uses inverse relationship of addition/subtraction	24			
20	use patterns to count nickels	2				20	interpret "more, same, most, least"	6				20	measure length using centimeters	9,10				20	compare/contrast various shapes	19				20	adds two and three-digit numbers with/without regrouping	26			
21	skip count by 2's, 3's, and 5's	3				21	interpret graphical data	6				21	measure weight and justify unit used	9,11				21	compare shapes by characteristics	19				21	subtracts with/without regrouping	27			
22	add/subtract to find missing addend/subtrahend	23				22	investigate/apply concepts of probability through explorative events	7				22	measure capacity	9,11				22	finds perimeter of triangle (inches)	20				22	subtracts three-digit numbers without regrouping	28			
						23	investigate/apply concepts of "maybe, sometimes, never"	7				23	compare seasonal temperatures	12				23	finds perimeter of rectangle (yards)	20				23	models and multiplies numbers 0 to 5	29			
												24	collect/compare seasonal temperatures	12				24	recognize three-dimensional figures	21				24	add/subtract to solve story problems	30			
												25	identify terms for time (before)	13				25	identify three-dimensional figures	21				25	multiplication facts 0 to 5	37			
												26	identify terms for time (after)	13										26	draw/explain to model multiplication	38			
												27	identify time to hour, half-hour, quarter-hour, and five minute intervals	14										27	identifies numbers 0 to 1000 in order	39			
												28	write time to hour, half-hour, quarter-hour and five minute intervals	14										28	sequences numbers using "before, after, and between"	40			
												29	use calendar to find past/present days	16										29	place value in four-digit numbers	41			
												30	identify parts of a clock	17										30	identify/model even/odd numbers	42			
												31	use dollar/cent symbols	31										31	represent fractions to one-third	43			
												32	identify/count quarters	32										32	identify fraction parts to one-third	43			
												33	identify/count half-dollars	32										33	estimates to nearest multiple of ten	44			
												34	determine value of money up to \$5.00	33										34	groups items by ones, tens, hundreds	45			
												35	compare money up to \$5.00	34										35	rounds to multiple of ten	46			
												36	= money - different coins and dollars	35										36	use <, >, and = to compare numbers	47			
												37	make change up to \$1.00	36															

Student _____
 Birthdate _____
 MSIS # _____
 K Teacher _____
 1st Grade Teacher _____
 2nd Grade Teacher _____
 School _____
 School _____
 School _____
 District _____
 District _____
 District _____

Patterns/Algebraic Thinking
 observation dates
 K teacher _____ 1st grade teacher _____ 2nd grade teacher _____

Data Analysis/Prediction
 observation dates
 K teacher _____ 1st grade teacher _____ 2nd grade teacher _____

Measurement
 observation dates
 K teacher _____ 1st grade teacher _____ 2nd grade teacher _____

Geometric Concepts
 observation dates
 K teacher _____ 1st grade teacher _____ 2nd grade teacher _____

Number Sense
 observation dates
 K teacher _____ 1st grade teacher _____ 2nd grade teacher _____

Mississippi Math Assessment Tool of Benchmark Understanding