Chelmsford Public Schools
Grade K Math Report Card Benchmarks (updated June 2019)

Domain / Standard	Term 1	Term 2
Counts orally to 100: **by ONES** **BENCHMARK**	LS – Counts 1 to 19 or less DS – Counts 1-30 MS – Counts to 50 ES – Can count beyond 100 ****************************** COUNTS TO 50	LS – Counts to less than 30 DS – Counts to 50 MS – Counts to 100 ES – Can count beyond 100 ****************************** COUNTS TO 100
Counts orally to 100: **by ONES** **Potential Assessment**	Child counts orally with teacher. Cue; "Start with 1 and go as far as you can go."	Child counts orally with teacher. Cue; "Start with 1 and go as far as you can go."
Counts orally to 100: **by TENS** **BENCHMARK**	LS – Cannot count by 10's DS – Counts by 10's to 30 MS – Counts by 10's to 50 ES – No ES on this standard ****************************** COUNTS BY 10s TO 50	LS – Counts by 10's to 30 DS – Counts by 10's to 50 MS – Counts by 10's to 100 ES – No ES on this standard ****************************** COUNTS BY 10s TO 100
Counts orally to 100: **by TENS** **Potential Assessment**	Child counts orally. "Please count by 10's to 100". If they can not you may cue, "10, 20 and (using flash 10 finger cues) what will come next?"	Child counts orally. "Please count by 10's to 100". If they can not you may cue, "10, 20 and (using flash 10 finger cues) what will come next?"

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Counts on from a given number within 100. **BENCHMARK**	LS – Cannot count on DS – Start at 5 and counts to less than 20 MS - Starts at 5 and counts to 20 ES – No ES on this standard ******************************* STARTS AT 5 AND COUNTS TO 20	LS – Starts at 5 and counts to less than 20 DS – Starts at 16 and count to less than 35 MS – Starts at 16 and counts to 35 ES – No ES on this standard ******************************* STARTS AT 16 AND COUNTS TO 35
Counts on from a given number within 100. **Potential Assessment**	Child counts orally	Child counts orally
Writes numbers from 0-20. **BENCHMARK**	LS – Writes to 5 or less DS – Writes past 5 but does not get to 10 MS - Writes 1-10 ES – Writes numbers past 20 ******************************* WRITES 1 TO 10	LS – Writes numbers less than 10 DS – Writes numbers 0-10 MS – Writes 0-20 ES – Writes numbers past 20 ******************************* WRITES 0 TO 20
Writes numbers from 0-20. **Potential Assessment**	Number grid. Child fills in independently. Eliminate number visuals.	Number grid. Child fills in independently. Eliminate number visuals.

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Recognizes numbers from 0-20.	LS – Recognizes 5 or fewer numerals in the 0-20 range. DS – Recognizes 6 or more numerals in the 0-20 range MS - Recognizes all numerals to 10 ES – Recognizes more than 20 numerals *	LS – Recognizes less than 10 numerals in the range of 0-20 DS – Recognizes more than 10 numerals and less than 20 numerals MS – Recognizes all numerals to 20 ES – Recognizes more than 20 numerals *
BENCHMARK	RECOGNIZES ALL NUMERALS TO 10	RECOGNIZES ALL NUMERALS TO 20
Recognizes numbers from 0-20. **Potential Assessment**	A number sheet with random numbers 0-20. Two separate sheets one with 0-10 and the second sheet with 11-20. Numbers are randomly provided and child points to and names the number (teacher may also point to numbers and child responds verbally to each number).	A number sheet with random numbers 0-20. Two separate sheets one with 0-10 and the second sheet with 11-20. Numbers are randomly provided and child points to and names the number (teacher may also point to numbers and child responds verbally to each number).
Represents a number of objects with a written numeral from 0-20. **BENCHMARK**		LS – Cannot count and write numerals for objects DS – Counts and writes numerals to represent 0-10 MS – Can count and write a number of objects to represent 0-20 ES – Can count and write for the number of objects for more than 20 * CAN COUNT AND WRITE A NUMBER OF OBJECTS FROM 0 TO 20

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Represents a number of objects with a written numeral from 0-20. **Potential Assessment**		Use printable with groups of objects and a place to record the number. Use 6 groups to assess altogether. 3 groups for 0-10, 3 groups for 11-20.
Counts up to 20 objects accurately, using 1 to 1 correspondence.	LS – Counts objects less than 7 DS – Counts objects 1 to 1 up to 7 MS – Counts objects 1 to 1 up to 11 ES – Counts objects 1 to 1 past 20 *	LS – Counts less than 16 objects DS – Counts objects 1 to 1 up to 16 MS – Counts objects 1 to 1 to 20 ES – Counts objects 1 to 1 past 20 *
BENCHMARK	COUNTS OBJECTS WITH 1 TO 1 CORRESPONDENCE UP TO 11	COUNTS OBJECTS WITH 1 TO 1 CORRESPONDENCE TO 20
Counts up to 20 objects accurately, using 1 to 1 correspondence. **Potential Assessment**	Counts 20 objects; blocks, small counting pieces, etc., one by one. If they do not have a working system demonstrate how to "pull down" the first three. "Now you try it".	Counts 20 objects; blocks, small counting pieces, etc., one by one. If they do not have a working system demonstrate how to "pull down" the first three. "Now you try it".
Compares two numbers using the words, less than, greater than, or equal to. **BENCHMARK**	LS – Cannot compare two numbers or objects and tell greater than, less than, or equal. DS – Can compare two numbers using one of the words for the symbols of greater than, less than, or equal. MS – Compares and tell greater than, less than, or equal with objects ES – Can compare 2 digit numerals and tell greater than, less than, or equal.	LS – Cannot tell greater than, less than, or equal. DS – Can compare objects and tell greater than, less than, or equal. MS – Compares two single-digit numerals and tells greater than, less than, or equal. ES – Compares two-digit numerals and tells greater than, less than, or equal.

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	COMPARES AND TELLS GREATER THAN, LESS THAN, OR EQUAL TO WITH OBJECTS.	COMPARES TWO SINGLE-DIGIT NUMERALS AND TELLS GREATER THAN, LESS THAN, OR EQUAL.
Compares two numbers using the words, less than, greater than, or equal to. **Potential Assessment**	Use the large yellow, blue number parade cards 1-10. Show the child two number such as 3 and 9, 2 and 7 for comparison. Give students two trials for each comparison, greater than, less than and one trial for equal. If student is having difficulty with numerals you may show the group of dots on the back and they may count them.	Use the large yellow, blue number parade cards 1-10. Show the child two number such as 3 and 9, 2 and 7 for comparison. Give students two trials for each comparison, greater than, less than and one trial for equal. If student is having difficulty with numerals, you may show the group of dots on the back and they may count them.
Uses objects to show partners of numbers less than or equal to ten. **BENCHMARK**		LS – Uses objects to show partners for numbers less than 5 DS – Uses object to show partners for numbers up to 5 MS – Uses objects to show partners of numbers less than or equal to ten ES – No ES for this standard * USES OBJECTS TO SHOW PARTNERS OF NUMBERS LESS THAN OR EQUAL TO TEN
Uses objects to show partners of numbers less than or equal to ten. **Potential Assessment**		Give student a group of 5 objects (small manipulative) and tell the child to give you a partner of 5. Then give student 10 objects and tell the child to give you a partner of 7. Lastly, give the child 10 objects and have the student give you a partner of 10. Student has to only give one example of each. A break-a-part stick can be used to show the two groups.

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Understands teen numbers 11-19 as a ten group and some ones. **BENCHMARK**		LS – Cannot use a 10 group to make a teen number DS – Understand teens have a ten group MS – Understand teen numbers 11-19 as a ten group and some ones ES – No ES for this standard ****************************** UNDERSTAND TEEN NUMBERS 11-19 AS A TEN GROUP AND SOME ONES
Understands teen numbers 11-19 as a ten group and some ones. **Potential Assessment**		Provide the child with a tower of 10 unifix cubes and then a pile of 9 loose unifix cubes. Give the student the numeral cards from the number parade; Present 12, 15 and 19 and have them pull down the teen number by showing the 10 group and pulling down the appropriate extra ones to make the teen number.
Compares two objects using words that describe length and weight. **BENCHMARK**		LS – Cannot compare using length and weight DS – Understands length OR weight but not both MS – Compares two objects using words that describe length and weight ES – No ES on this standard ****************************** COMPARES TWO OBJECTS USING WORDS THAT DESCRIBE LENGTH AND WEIGHT

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Compares two objects using words that describe length and weight. Potential Assessment		Use printable to compare objects for length and weight provided. Real objects can be used as well.
Identifies shapes as two dimensional (flat) or three dimensional (solid). **BENCHMARK**		LS – No LS on this standard DS - Cannot identify 2D or 3D objects MS – Identifies shapes as two dimensional (flat) or three dimensional (solid) ES – No ES on this standard ****************************** IDENTIFIES SHAPES AS TWO DIMENSIONAL (FLAT) OR THREE DIMENSIONAL (SOLID)
Identifies shapes as two dimensional (flat) or three dimensional (solid). Potential Assessment		Provide the student with three objects that are 2D and three objects that are 3D only. Show the student the group of objects all together and have the student put them in 2 groups for 2D and 3D. The student will be able to put all the 2D in one pile and the 3D in another pile.