

833 Mathematics Data Guidelines

K – Grade 2

2019-20

NOTE: for the AMC proficiency benchmarks at K-2, students at a particular grade level should be considered for Problem Solving/Support if they have not met the benchmarks or level of proficiency from the previous grade (even if it isn't listed at the next grade level).

GRADE	ASSESSMENT	Indicates level of concern Problem Solving required			End of Year Expectation/ Level of Proficiency
		F	W	S	
K	Task 1: AMC Counting: Counting a Pile	<4	<12	<21	Ready to Apply "A" up to 21 or more
	Task 1: AMC Counting: Making a Pile	<5	<9	<21	Ready to Apply "A" up to 21 or more
	Task 2: AMC Counting: One More/One Less (w/Counters)	NA	<12	<21	Ready to Apply "A" up to 21 or more
	Task 2: AMC Counting One More/One Less (w/o Counters)	NA	<12	<21	Ready to Apply "A" up to 21 or more
	AMC Changing Numbers	NA	<6	<20	Ready to Apply "A" up to 20
	AMC Number Arrangements: Recognizes Small Groups	NA	NA	<5	Recognize small groups up to 5
	AMC Number Arrangements: Identifies Parts of Numbers	NA	NA	<4	Identify groups of 3 or 4 as a part of a larger group
	AMC Number Arrangements: Combines Parts of Numbers	NA	NA	<5	Knows number combinations to 4 or 5
	<p>AMC Scoring is shown as one of the following: <i>N: Needs Prerequisite I: Needs Instruction</i> <i>P: Needs Practice A: Ready to Apply</i> In the chart above if a number is listed the student would NOT need support at a P/A for that number.</p>				
	Numeral Identification		<10	<20	<31
Numeral Writing		<10	<20	<31	Write numerals up to 31

1	ASSESSMENT	Indicates level of concern Problem Solving required			End of Year Expectation/ Level of Proficiency
		F	W	S	
	AMC Number Arrangements: Recognizes Small Groups	N/I	N/I	NA	Winter: Ready to Apply "A"
	AMC Number Arrangements: Identifies Parts of Numbers	N/I	N/I	NA	Winter: Ready to Apply "A"
	AMC Number Arrangements: Combines Parts of Numbers	N/I	N/I	NA	Winter: Ready to Apply "A"
	AMC Hiding: w/Counters	NA	<6	<7	Ready to Apply "A" up to 10
	AMC Hiding: w/o Counters	NA	<6	<7	Ready to Apply "A" up to 10
	AMC Ten Frames: Addition	NA	NA	<10	Ready to Apply "A" on Making a Ten and Adding Ones
	AMC Ten Frames: Subtraction	NA	NA	<10	Ready to Apply "A" on Making a Ten and Subtracting Ones
	<p>AMC Scoring is shown as one of the following: <i>N: Needs Prerequisite I: Needs Instruction</i> <i>P: Needs Practice A: Ready to Apply</i> <i>In the chart above if a number is listed the student would NOT need support if at a P/A for that number.</i></p>				
Numeral Identification	<	<	<	Read numerals up to 31	
Numeral Writing	<	<	<	Write numerals up to 31	

2	ASSESSMENT	Indicates level of concern Problem solving required			End of Year Expectation/ Level of Proficiency
		F	W	S	
	AMC Ten Frames: Addition	N/I	N/I	N/I	Ready to Apply "A" for all parts of Ten Frames
	AMC Ten Frames: Subtraction	N/I	N/I	N/I	Ready to Apply "A" for all parts of Ten Frames
	AMC Grouping Tens	N/I	N/I	N/I	Ready to Apply "A" for all parts of Grouping Tens
	AMC 2-Digit Addition	N/I	N/I	N/I	Ready to Apply "A" for all parts of 2-Digit Addition
	AMC 2-Digit Subtraction	N/I	N/I	N/I	Ready to Apply "A" for all parts of 2-Digit Subtraction
<p>AMC Scoring is shown as one of the following: <i>N: Needs Prerequisite I: Needs Instruction</i> <i>P: Needs Practice A: Ready to Apply</i> In the chart above if a number is listed the student would NOT need support at a P/A for that number.</p>					
	Measures of Academic Progress (MAP)	<176	NA	NA	Students with RIT of 176 or above are projected to be proficient on the MCA-III

833 Mathematics Data Guidelines

Grade 3 – Grade 5

2019-20

GRADE LEVEL		ASSESSMENT	Indicates level of concern Problem solving required			End of Year Expectation/ Level of Proficiency
			F	W	S	
3		Measures of Academic Progress (MAP)	<189	NA	NA	Students with RIT of 189 or above are projected to be proficient on the MCA-III.
		Minnesota Comprehensive Assessment (MCA-III)	NA	NA	<350	Students with a score of 350 or above are considered proficient.
4		ASSESSMENT	Indicates level of concern Problem solving required			End of Year Expectation/ Level of Proficiency
		F	W	S		
		Measures of Academic Progress (MAP)	<201	NA	NA	Students with RIT of 201 or above are projected to be proficient on the MCA-III.
		Minnesota Comprehensive Assessment (MAC-III)	NA	NA	<450	Students with a score of 450 or above are considered proficient.
5		ASSESSMENT	Indicates level of concern Problem solving required			End of Year Expectation/ Level of Proficiency
		F	W	S		
		Measures of Academic Progress (MAP)	<218	NA	NA	Students with RIT of 218 or above are projected to be proficient on the MCA-III.
		Minnesota Comprehensive Assessment (MCA-III)	NA	NA	<550	Students with a score of 550 or above are considered proficient.