

Madison County Schools



Math Focus Standards

Using instructional data to guide instructional decisions is critical to meeting the needs of all students. After reviewing the 2021 Blueprints for Math, the identified focus standards are those which students should know deeply to be successful in the next grade level. Prior year standards feed directly into success in the current year. If data review (CASE, MAAP, NWEA, KReady, classroom assessments) identifies students with weaknesses in a specific standard, there may be a need to front-load prior skills as you begin teaching new skills. A standard identified as a weakness may need whole group instruction. At times, differentiated instruction in small groups based on the individual student needs may be a better option for addressing such standards. The focus standards are by no means all we should teach as the full set of standards has value. However, the focus standards provide a point of where to place importance when decisions are being made between addressing two or more standards.

Kindergarten					
Counting and Cardinality	K.CC.1	K.CC.2	K.CC.4	K.CC.5	K.CC.6
	K.CC.7				
Operations and Algebraic Thinking	K.OA.1	K.OA.2	K.OA.3	K.OA.4	K.OA.5
Number and Operations in Base Ten	K.NBT.1				
1st Grade					
Operations and Algebraic Thinking	1.OA.1	1.OA.2	1.OA.3	1.OA.4	1.OA.5
	1.OA.6	1.OA.7	1.OA.8		
Number and Operations in Base Ten	1.NBT.1	1.NBT.2	1.NBT.3	1.NBT.4	1.NBT.5
	1.NBT.6				
Measurement and Data	1.MD.1	1.MD.2			
2nd Grade					
Operations and Algebraic Thinking	2.OA.1	2.OA.2			
Number and Operations in Base Ten	2.NBT.1	2.NBT.2	2.NBT.3	2.NBT.4	2.NBT.5
	2.NBT.6	2.NBT.7	2.NBT.8	2.NBT.9	
Measurement and Data	2.MD.1	2.MD.2	2.MD.3	2.MD.5	2.MD.6
3rd Grade					
Operations and Algebraic Thinking	3.OA.1	3.OA.2	3.OA.3		
Numbers and Operations - Fractions	3.NF.2	3.NF.3			
Measurement and Data	3.MD.7				
4th Grade					
Number and Operations in Base Ten	4.NBT.2	4.NBT.5	4.NBT.6		
Numbers and Operations - Fractions	4.NF.1	4.NF.2	4.NF.3	4.NF.4	4.NF.5
	4.NF.6	4.NF.7			

5th Grade					
Operations and Algebraic Thinking	5.OA.1	5.OA.2			
Number and Operations in Base Ten	5.NBT.3b				
Numbers and Operations - Fractions	5.NF.1	5.NF.2	5.NF.3	5.NF.4a	5.NF.5b
	5.NF.6	5.NF.7a	5.NF.7b	5.NF.7c	
6th Grade Math ➡ 7th Grade Math					
Ratios and Proportional Relationships	6.RP.2	6.RP.3a	6.RP.3b	6.RP.3c	
The Number System	6.NS.1	6.NS.7a	6.NS.7b	6.NS.7c	6.NS.7d
	6.NS.9c	6.NS.9d			
Expression and Equations	6.EE.1	6.EE.2C	6.EE.4	6.EE.7	
6th Grade Math ➡ 7th Grade Algebra 1					
Ratios and Proportional Relationships	6.RP.2	6.RP.3a	6.RP.3b		
The Number System	6.NS.8				
Expression and Equations	6.EE.5	6.EE.6	6.EE.9		
7th Grade Math ➡ 8th Grade Math					
Ratios and Proportional Relationships	7.RP.2a	7.RP.2b	7.RP.2c	7.RP.2d	
Expression and Equations	7.EE.4a	7.EE.4b			
Geometry	7.G.1	7.G.5			
7th Grade Math ➡ 8th Grade Algebra 1					
Ratios and Proportional Relationships	7.RP.2a	7.RP.2b	7.RP.2c	7.RP.2d	
The Number System	7.NS.1a	7.NS.1b	7.NS.1c	7.NS.1d	
Expression and Equations	7.EE.4a	7.EE.4b			
8th Grade Math ➡ Algebra 1					
Expression and Equations	8.EE.5	8.EE.7a	8.EE.7b		
Functions	8.F.2	8.F.3	8.F.4		
Algebra 1 ➡ Geometry					
Seeing Structure in Expressions	A-SEE.2				
Creating Equations	A-CED.1	A-CED.2			
Reasoning with Equations and Inequalities	A-REI.3				
Interpreting Functions	F-IF.1	F-IF.6	F-IF.7	F-IF.9	
Geometry ➡ Algebra 2					
Similarity, Right Triangles, and Trigonometry	G-SRT.1	G-SRT.7	G-SRT.8		
Expression Geometric Properties with Equations	G-GPE.1	G-GPE.4	G-GPE.5	G-GPE.6	G-GPE.7

Key Strategy for Math

Shift instructional/assessment activities and questioning to include more DOK 2 and DOK 3 level thinking and technology enhanced/multi-select type items.