

Mathematics Classification	Grades 3 - 5				
	Competency			Standards	
Operations and Algebraic Thinking	IM1.1	Generate, analyze and explain numerical patterns and relationships.	3.OA.5,6	4.OA.4,5	
Numbers and Operations Base 10	IM2.1	<ul style="list-style-type: none"> Fluently add, subtract, multiply, and divide multidigit numbers. 	3.OA.7	4.NBT.4,5	5.NBT.5
	IM2.2	Use place value understanding and properties of operations to perform single and multidigit arithmetic.	3.OA.1,2,3,4,7 3.NBT.1,2,3 3.MD.6,7,8,9	4.OA.1,2,3 4.NBT.4,5,6	5.OA.1,2 5.NBT.1. 2.3.4.5.6.7. 5MD.3,4,5
Numbers and Operations Fractions	IM3.1	Demonstrate an understanding of fractions and all four operations with fractions by applying understandings of whole numbers through the use of visual models to represent and explain concepts	3.NF.1.2.3	4.NF.1.2.3,4,5,6,7	5.NF.1.2.3.4.5.6.7
Measurement and Data	IM4.1	Demonstrate an understanding of measurement concepts(time, length, money) by constructing reasonable estimates and solving problems involving all four operations.	3.MD.1,2,3,6,7,8,9	4.MD.1,2,3	5.MD.1
	IM4.2	Collect, represent and interpret data with multiple categories and solve problems using data.	3.MD.4,5	4.MD.4,5	5.MD.2
Geometry	IM5.1	Create, identify and distinguish between lines, angles and shapes based on their properties and defining attributes using a coordinate plane.	3.MD.9 3.G.1,2,3,5	4.G.1,2,3	5.G.1,2,3,4
MATHEMATICAL PRACTICES Problem Solving, Modeling and Communicating Reasoning	Demonstrate the ability to use the eight mathematical practices fluidly across skills and concepts. <ol style="list-style-type: none"> 1) Make sense of problems and persevere in solving them. 2) Reason abstractly and quantitatively. 3) Construct viable arguments and critique the reasoning of others. 4) Model with Mathematics. 5) Use appropriate tools strategically 6) Attend to precision 7) Look for and make use of structure 8) Look for and express regularity in repeated reasoning. 				