Kindergarten	
Common Core State Standards Critical Areas	Michigan Focal Points
Representing and comparing whole numbers, initially with sets of objects	Representing, comparing, and ordering whole numbers and joining and separating sets
Describing shapes and space	Describing shapes and space
	Ordering objects by measurable attributes

Grade 1	
Common Core State Standards	Michigan Eccal Deinte
Developing understanding of addition,	Developing understandings of addition and
subtraction, and strategies for addition and	subtraction and strategies for basic
subtraction within 20	addition facts and related subtraction facts
Developing understanding of whole	Developing an understanding of whole
number relationship and place value,	number relationships, including grouping
including grouping in tens and ones	in tens and ones
Developing understanding of linear	Developing an understanding of linear
measurement and measuring lengths as	measurement and facility in measuring
iterating length units	lengths
Reasoning about attributes of, and composing and decomposing geometric shapes	

Grade 2	
Common Core State Standards	Michigan Eocal Points
Extending understanding of base-ten notation	Developing an understanding of the base- ten numeration system and place-value concepts
Building fluency with addition and subtraction	Developing quick recall of addition facts and related subtraction facts and fluency with multi-digit addition and subtraction
Describing and analyzing shapes	Composing and decomposing geometric shapes
Using standard units of measure	

Grade 3	
Common Core State Standards Critical Areas	Michigan Focal Points
Developing understanding of multiplication and division and strategies for multiplication and division within 100	Developing understandings of multiplication and division and strategies for basic multiplication facts and related division facts
Developing understanding of the structure of rectangular arrays and of area	Developing an understanding of area and perimeter and determining the areas and perimeters of two-dimensional shapes
Describing and analyzing two-dimensional shapes	Describing properties of two-dimensional shapes and classifying three-dimensional shapes
Developing understanding of fractions, especially unit fractions (fractions with numerator 1)	Developing an understanding of fractions and fraction equivalence

Grade 4	
Common Core State Standards Critical Areas	Michigan Eocal Points
Developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends	Developing fluency with multiplication of whole numbers
Developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, multiplication of fractions by whole numbers	Developing an understanding of fractions and decimals, including the connections between them
Understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry	

Grade 5	
Common Core State Standards Critical Areas	Michigan Focal Points
Extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operation	Developing an understanding of and fluency with division of whole numbers
Developing fluency with addition and subtraction of fractions, developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions)	Developing an understanding of and fluency with addition and subtraction of fractions and decimals
	Analyzing properties of two-dimensional shapes, including angles
Developing understanding of volume	

Grade 6	
Common Core State Standards Critical Areas	Michigan Focal Points
Connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems	Developing an understanding of operations on all rational numbers
Completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers	
Writing, interpreting, and using expressions and equations	Writing, interpreting, and using mathematical expressions and equations and solving linear equations
	Describing three-dimensional shapes and analyzing their properties, including volume and surface area



Grade 7	
Common Core State Standards	Michigan Eagal Bainta
Developing understanding of and applying proportional relationships	Developing an understanding of and applying proportionality, including similarity
Developing understanding of operations with rational numbers and working with expressions and linear equations	Analyzing and representing linear functions and solving linear equations and systems of linear equations
Solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume	
Drawing inferences about populations based on samples	

Grade 8	
Common Core State Standards	Michigan
Grasping the concept of a function and using functions to describe quantitative relationships	Analyzing and representing non-linear functions
Formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations	Analyzing and summarizing data sets
Analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem	Analyzing two- and three-dimensional space and figures by using distance and angle
	Developing an understanding of and using formulas to determine surface areas and volumes of three-dimensional shapes