

Transitional MMS Math Curriculum

This matrix is designed to show the transitional years to the new Curriculum at Manhattan. Content in the grade levels that is the same in the new and old curriculum, is not listed in this matrix (I.e. this is clearly not everything that will be taught at these grade levels. It only shows content that is moving.)

| | 2011 - 2012 Changes | 2012 - 2013 ADD Curric | 2012- 2013 Delete Curric | 2013-2014 ADDED | 2013-2014 DELETED |
|----------------|--|---|--|--|--|
| M05 | add & subtract integers OOO w/ + and sub of integers SA & Vol rect. Prisms box plots | intro to Var and Patterns (Inv 1 and 2) work with patterns before V & P Rectangular Prisms vol and SA (F & W Inv1,2) add and subtract integers box plots | Data about us compact fraction work? | M05 integers (Accentuate the Negative) absolute value (w/ integers) ooo w/ integers SA & Vol rect Prisms (F & W Inv 1 & 2) Variable and Patterns - intro to alg (Math in Minds Eye) pattern work prior to V & P ratio / rates (Comparing and Scaling Inv. 1 & 2 ?) box plots | much less fractions area of circles |
| M15 | 1 and 2 step equations | combo of V & P and MSA Inv 1-3 one and 2 step equations (Transition to Algebra and MSA) introduction to inequality absolute value | SA & Vol rect. Prisms add and subtract integers patterns transformation | M15 1 & 2 step equations - Moving Straight Ahead Inv 1 -3 solving inequalities (MSA, Shapes of Alg and Thinking WMM) samples / data analysis (Samples and Pop except last Inv) probability (What do you expect?) draw/ construct / compare geometric shapes and relationships (need materials) area / circumferend of circles (Cover and Surround Inv 5.3) % increase and decrease (Bits III) do w/ proportions | Variables and Patterns Ratio / Rate integers SA & Vol Rect Prisms |
| M25 | more algebra w/ equations intro to inequalities shorten Samples and Pops delete Clever Counting? | function and function notation (need resources) intro to and solving inequalities simultaneous linear equations (graphically and algebraically) | Samples and Populations (still do box plots and bivariate scatter plots) | M25 bivariate data analysis (scatter plots) function and function notation (need resources) simultaneous linear equations (graphically and algebraically) more in depth 1 & 2 step equations constructing circle graphs (Cover and Surround Inv 5.3) volume of cylinders, spheres and cones (F & W Inv 3, 4) transformations (materials? - Kaleidoscope, Hubcaps) | samples / data absolute value Moving Straight Ahead |
| M35 | | | | M35 a whole bunch of stuff | 1 & 2 step equations function and function notation much less inequalities |
| Grade 5 | kids need to be proficient in fractions including unlike denominators and especially equivalent fractions area and perimeter quadrilaterals and triangles | | | | |