

SRA Mathematics Laboratory 2a
correlation to
Georgia’s Mathematics Performance Standards
Grade 4

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N1. Students will further develop their understanding how whole numbers are represented in the base-ten numeration system.
a. Identify place value names and places from hundredths through one million.
Place Value: Whole Numbers: Cards 14, 15, 17, 18, 19
Representing Numbers: Cards 74, 75, 76, 77, 78
Decimal Concepts: Cards 208, 209, 210, 211, 212, 213

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N1. Students will further develop their understanding how whole numbers are represented in the base-ten numeration system.
b. Equate a number’s word name, its standard form, and its extended form.
Basic Facts: Add & Subtract: Cards 11, 13
Place Value: Whole Numbers: Cards 16, 17, 18, 19
Representing Numbers: Cards 74, 75, 80

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N2. Students will understand and apply the concept of rounding numbers.
a. Round numbers to the nearest ten, hundred, or thousand.
Add Whole Numbers: Cards 25, 30, 35, 36, 37, 43
Time & Money: Cards 45, 48, 49
Subtract Whole Numbers: Card 55, 65, 68, 73s
Representing Numbers: Cards 76, 77, 78
Multiply Whole Numbers by 1 Digit: Cards 118, 124
Multiply Whole Numbers by 2 Digits: Cards 143, 145
Divide Whole Numbers by 1 Digit: Cards 167, 173
Decimal Concepts: Cards 214, 218\
Divide Whole Numbers by 2 Digits: Card 252

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N2. Students will understand and apply the concept of rounding numbers.
b. Describe situations in which rounding numbers would be appropriate and determine whether to round to the nearest ten, hundred, or thousand.
Add Whole Numbers: Cards 25, 30, 35, 36, 37, 43
Time & Money: Cards 45, 48, 49
Subtract Whole Numbers: Card 55, 65, 68, 73s
Representing Numbers: Cards 76, 77, 78
Multiply Whole Numbers by 1 Digit: Cards 118, 124
Multiply Whole Numbers by 2 Digits: Cards 143, 145
Divide Whole Numbers by 1 Digit: Cards 167, 173
Decimal Concepts: Cards 214, 218\
Divide Whole Numbers by 2 Digits: Card 252

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N2. Students will understand and apply the concept of rounding numbers.
c. Understand the meaning of rounding a decimal fraction to the nearest whole number.
Time & Money: Cards 45, 48, 49
Decimal Concepts: Cards 214, 218

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N2. Students will understand and apply the concept of rounding numbers.
d. Represent the results of computation as a rounded number when appropriate and estimate a sum or difference by rounding numbers.
Add Whole Numbers: Cards 25, 30, 35, 36, 37, 43
Time & Money: Cards 45, 48, 49
Subtract Whole Numbers: Card 55, 65, 68, 73
Multiply Whole Numbers by 1 Digit: Cards 118, 124
Multiply Whole Numbers by 2 Digits: Cards 143, 145
Divide Whole Numbers by 1 Digit: Cards 167, 169, 173
Decimal Concepts: Cards 214, 218
Divide Whole Numbers by 2 Digits: Card 252

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N3. Students will solve problems involving multiplication of 2-3 digit numbers by 1-2 digit numbers.
Linear Measurement: Cards 86, 87, 90, 92, 93, 97
Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103
Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
Weight, Capacity & Temperature: Cards 226, 227, 228, 229, 231

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N4. Students will further develop their understanding of division of whole numbers and divide in problem solving situations without calculators.
a. Know the division facts with understand and fluency.
Basic Facts: Multiply & Divide: Cards 104, 105, 106, 107, 108, 109, 110, 111, 112
Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
Patterns & Numbers: Cards 206, 207
Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N4. Students will further develop their understanding of division of whole numbers and divide in problem solving situations without calculators.
b. Solve problems involving division by a 2-digit number (including those that generate a remainder).
Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N4. Students will further develop their understanding of division of whole numbers and divide in problem solving situations without calculators.
c. Understand the relationship between dividend, divisor, quotient, and remainder.
Basic Facts: Multiply & Divide: Cards 104, 105, 106, 107, 108, 109, 110, 111, 112
Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N4. Students will further develop their understanding of division of whole numbers and divide in problem solving situations without calculators.
d. Understand and explain the effect on the quotient of multiplying or dividing both the divisor and dividend by the same number ($2050 \div 50$ yields the same answer as $205 \div 5$).
Divide Whole Numbers by 2 Digits: Cards 248, 252, 254, 256

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N5. Students will further develop their understanding of the meaning of decimal fractions and use them in computations.
a. Understand decimal fractions are a part of the base-ten system.
Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N5. Students will further develop their understanding of the meaning of decimal fractions and use them in computations.
b. Understand the relative size of numbers and order two digit decimal fractions.
Place Value: Whole Numbers: Cards 20, 21, 22, 23, 24
Representing Numbers: Cards 79, 81, 82, 83, 84
Decimal Concepts: Cards 214, 215, 216, 217, 218

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N5. Students will further develop their understanding of the meaning of decimal fractions and use them in computations.
c. Add and subtract both one and two digit decimal fractions.
Time & Money: Cards 46, 47, 49
Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N5. Students will further develop their understanding of the meaning of decimal fractions and use them in computations.
d. Model multiplication and division of decimal fractions by whole numbers.
Weight, Capacity & Temperature: Card 227

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N5. Students will further develop their understanding of the meaning of decimal fractions and use them in computations.
e. Multiply and divide both one and two digit decimal fractions by whole numbers.
Weight, Capacity & Temperature: Card 227

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N6. Students will further develop their understanding of the meaning of common fractions and use them in computations.
a. Understand representations of simple equivalent fractions.
Fraction Concepts: Cards 235, 237, 238, 239
Add & Subtract Fractions: Cards 260, 264

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N6. Students will further develop their understanding of the meaning of common fractions and use them in computations.
b. Add and subtract fractions and mixed numbers with common denominators (denominators should not exceed twelve).
Add & Subtract Fractions: Cards 262, 263, 264, 265, 266, 267, 268, 269

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N6. Students will further develop their understanding of the meaning of common fractions and use them in computations.
c. Convert and use mixed numbers and improper fractions interchangeably.
Fraction Concepts: Cards 236, 237, 238
Add & Subtract Fractions: Cards 267, 268, 269

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N7. Students will explain and use properties of the four arithmetic operations to solve and check problems.
a. Describe situations in which the four operations may be used and the relationships among them.
Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73
Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
Patterns & Numbers: Cards 203, 204, 205, 206, 207
Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269
Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N7. Students will explain and use properties of the four arithmetic operations to solve and check problems.
b. Compute using the order of operations, including parentheses.
This concept is not covered at this level.

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N7. Students will explain and use properties of the four arithmetic operations to solve and check problems.
c. Compute using the commutative, associative, and distributive properties.
Basic Facts: Add & Subtract: Cards 10, 13
Basic Facts: Multiply & Divide: Cards 102, 103

M4N. Number and Operations
Students will further develop their understanding of whole numbers and master the four basic operations with whole numbers by solving problems. They will also understand rounding and when to appropriately use it. Students will add and subtract decimal fractions and common fractions with common denominators.
M4N7. Students will explain and use properties of the four arithmetic operations to solve and check problems.
d. Use mental math and estimation strategies to compute.
Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Add Whole Numbers: Cards 25, 30, 37, 43
Time & Money: Cards 45, 48, 49
Subtract Whole Numbers: Cards 55, 65, 68, 73
Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 118, 119, 124, 129
Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 145
Divide Whole Numbers by 1 Digit: Cards 167, 173
Divide Whole Numbers by 2 Digits: Card 253

M4M. Measurement
Students will measure weight in appropriate metric and standard units. They will also measure angles.
M4M1. Student will understand the concept of weight and how to measure it.
a. Use standard and metric units to measure the weight of objects.
Weight, Capacity & Temperature: Cards 219, 221, 223, 225, 226, 227, 228, 231

M4M. Measurement
Students will measure weight in appropriate metric and standard units. They will also measure angles.
M4M1. Student will understand the concept of weight and how to measure it.
b. Know units used to measure weight (gram, kilogram, ounces, pounds, and tons).
Weight, Capacity & Temperature: Cards 219, 221, 223, 225, 226, 227, 228, 231

M4M. Measurement
Students will measure weight in appropriate metric and standard units. They will also measure angles.
M4M1. Student will understand the concept of weight and how to measure it.
c. Compare one unit to another within a single system of measurement.
Linear Measurement: Cards 86, 87, 90, 92, 93, 97
Weight, Capacity & Temperature: Cards 226, 227, 228, 229, 231

M4M. Measurement
Students will measure weight in appropriate metric and standard units. They will also measure angles.
M4M2. Student will understand the concept of angles and how to measure it.
a. Use tools, such as a protractor or angle ruler, and other methods such as paper folding, drawing a diagonal in a square, to measure angles.
Geometric Figures: Cards 132, 133, 134, 135, 136, 137, 139
Geometry Basics: Cards 151, 155

M4M. Measurement
Students will measure weight in appropriate metric and standard units. They will also measure angles.
M4M2. Student will understand the concept of angles and how to measure it.
b. Understand the meaning and measure of a half rotation (180°) and a full rotation (360°).
Spatial Sense & Transformations: Cards 271, 272, 274, 276, 280

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G1. Students will define and identify the characteristics of geometric figures through examination and construction.
a. Examine and compare angles in order to classify and identify triangles by their angles.
Geometric Figures: Cards 133, 134, 135, 136, 139
Geometry Basics: Cards 151, 152

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G1. Students will define and identify the characteristics of geometric figures through examination and construction.
b. Describe parallel and perpendicular lines in plane geometric figures.
Geometric Figures: Cards 131, 134, 137, 139
Geometry Basics: Card 151

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G1. Students will define and identify the characteristics of geometric figures through examination and construction.
c. Examine and classify quadrilaterals (including parallelograms, squares, rectangles, trapezoids, and rhombi).
Geometric Figures: Cards 137, 138, 139
Geometry Basics: Cards 151, 152, 153, 155

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G1. Students will define and identify the characteristics of geometric figures through examination and construction.
d. Compare and contrast the relationships among quadrilaterals.
Geometric Figures: Cards 137, 138, 139
Geometry Basics: Cards 151, 152, 153, 155

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G2. Students will understand fundamental solid figures.
a. Compare and contrast a cube and a rectangular prism in terms of the number and shape of their faces, edges, and vertices.
Geometry Basics: Cards 156, 157, 158, 159, 160

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G2. Students will understand fundamental solid figures.
b. Describe parallel and perpendicular lines and planes in connection with the rectangular prism.
Geometric Figures: Cards 131, 134
Geometry Basics: Cards 156, 157, 158, 159, 160

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G2. Students will understand fundamental solid figures.
c. Construct/collect models for solid geometric figures (cube, prisms, cylinder, etc.).
Geometry Basics: Cards 159, 160

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G3. Students will use the coordinate system.
a. Understand and apply ordered pairs in the first quadrant of the coordinate system.
Data & Graphs: Cards 184, 185

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G3. Students will use the coordinate system.
b. Locate a point in the first quadrant in the coordinate plane and name the ordered pair.
Data & Graphs: Cards 184, 185

M4G. Geometry
Students will understand and construct plane and solid geometric figures. They will also graph points on the coordinate plane.
M4G3. Students will use the coordinate system.
c. Graph ordered pairs in the first quadrant.
Data & Graphs: Cards 184, 185

M4A. Algebra
Students will investigate and represent mathematical relationships between quantities using mathematical expressions in problem-solving situations.
M4A1. Students will represent and interpret mathematical relationships in quantitative expressions.
a. Understand and apply patterns and rules to describe relationships and solve problems.
Basic Facts: Add & Subtract: Cards 5, 6, 10, 12, 13
Add Whole Numbers: Cards 31, 36
Subtract Whole Numbers: Cards 57, 66
Basic Facts: Multiply & Divide: Cards 102, 103, 111, 112
Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 119
Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 145
Geometry Basics: Card 158
Divide Whole Numbers by 1 Digit: Cards 162, 166
Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207
Divide Whole Numbers by 2 Digits: Cards 256, 259

M4A. Algebra
Students will investigate and represent mathematical relationships between quantities using mathematical expressions in problem-solving situations.
M4A1. Students will represent and interpret mathematical relationships in quantitative expressions.
b. Represent unknowns using symbols, such as \square and Δ.
Basic Facts: Add & Subtract: Cards 10, 12, 13
Add Whole Numbers: Cards 41, 43
Subtract Whole Numbers: Cards 72, 73
Basic Facts: Multiply & Divide: Cards 102, 103, 105, 111, 112
Multiply Whole Numbers by 1 Digit: Cards 122, 123
Divide Whole Numbers by 1 Digit: Cards 171, 173
Patterns & Numbers: Cards 203, 204, 205, 206, 207
Divide Whole Numbers by 2 Digits: Cards 258, 259

M4A. Algebra
Students will investigate and represent mathematical relationships between quantities using mathematical expressions in problem-solving situations.
M4A1. Students will represent and interpret mathematical relationships in quantitative expressions.
c. Write and evaluate mathematical expressions using symbols and different values.
Basic Facts: Add & Subtract: Cards 10, 12, 13
Add Whole Numbers: Cards 41, 43
Subtract Whole Numbers: Cards 72, 73
Basic Facts: Multiply & Divide: Cards 111, 112
Multiply Whole Numbers by 1 Digit: Cards 122, 123
Divide Whole Numbers by 1 Digit: Cards 171, 173
Patterns & Numbers: Cards 205, 206, 207
Divide Whole Numbers by 2 Digits: Cards 258, 259

M4D. Data Analysis
Students will gather, organize, and display data. They will also compare features of graphs.
M4D1. Students will gather, organize, and display data according to the situation and compare related features.
a. Represent data in bar, line and pictographs.
Data & Graphs: Cards 177, 178, 179, 180, 182, 185

M4D. Data Analysis
Students will gather, organize, and display data. They will also compare features of graphs.
M4D1. Students will gather, organize, and display data according to the situation and compare related features.
b. Investigate the features and tendencies of graphs.
Data & Graphs: Cards 177, 178, 180, 182, 185

M4D. Data Analysis
Students will gather, organize, and display data. They will also compare features of graphs.
M4D1. Students will gather, organize, and display data according to the situation and compare related features.
c. Compare different graphical representations for a given set of data.
Data & Graphs: Cards 177, 178, 179, 180, 181, 182, 183, 185

M4D. Data Analysis
Students will gather, organize, and display data. They will also compare features of graphs.
M4D1. Students will gather, organize, and display data according to the situation and compare related features.
d. Identify missing information and duplications in data.
Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

M4P. Process Skills
Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.
M4P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.
a. Solve non-routine word problems using the strategy of work backwards, use or make a table, and make an organized list as well as all strategies learned in previous grades.
Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54
Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73
Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84
Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97
Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139
Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160
Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185
Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195
Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207
Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218
Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231
Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247
Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269
Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280
Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288
Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.

b. Solve single and multi-step routine word problems related to all appropriate fourth grade math standards.

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.

c. Determine the operation(s) needed to solve a problem.

Basic Facts: Add & Subtract: Cards 11, 13

Time & Money: Cards 46, 49

Representing Numbers: Cards 80, 84

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.

d. Determine the most effective way to solve a problem (mentally, paper/pencil, or calculator).

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P2. Students will investigate, develop, and evaluate mathematical arguments.

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P3. Students will use the language of mathematics to express ideas precisely.

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P4. Students will understand how mathematical ideas interconnect and build on one another and apply mathematics in other content areas.

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M4P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M4P5. Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.

Basic Facts: Add & Subtract: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Place Value: Whole Numbers: Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43

Time & Money: Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

Subtract Whole Numbers: Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Representing Numbers: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84

Linear Measurement: Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97

Basic Facts: Multiply & Divide: Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112

Multiply Whole Numbers by 1 Digit: Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129

Geometric Figures: Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Multiply Whole Numbers by 2 Digits: Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Geometry Basics: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160

Divide Whole Numbers by 1 Digit: Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173

Data & Graphs: Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185

Perimeter & Area: Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

Patterns & Numbers: Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207

Decimal Concepts: Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218

Weight, Capacity & Temperature: Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Fraction Concepts: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247

Divide Whole Numbers by 2 Digits: Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

Add & Subtract Fractions: Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269

Spatial Sense & Transformations: Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

Probability: Cards 281, 282, 283, 284, 285, 286, 287, 288

Add & Subtract Decimals: Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

SRA Mathematics Laboratory 2b
correlation to
Georgia's Mathematics Performance Standards
Grade 5

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N1. Students will further develop their understanding of whole numbers.
a. Classify the set of counting numbers into subsets with distinguishing characteristics (odd/even, prime/composite).
Representing Numbers: Cards 41, 45, 46, 47, 49
Patterns & Numbers: Cards 109, 111, 112, 113, 117

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N1. Students will further develop their understanding of whole numbers.
b. Find multiples and factors.
Patterns & Numbers: Cards 105, 106, 107, 108, 111

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N1. Students will further develop their understanding of whole numbers.
c. Analyze and use divisibility rules.
Patterns & Numbers: Cards 110, 111

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N2. Students will further develop their understanding of decimal fractions as part of the base-ten number system.
a. Understand place value.
Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
Decimal Concepts: Cards 218, 219, 221, 222, 223, 224, 225, 228, 231

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N2. Students will further develop their understanding of decimal fractions as part of the base-ten number system.
b. Analyze the effect on the product when a number is multiplied by 10, 100, 1000, 0.1, and 0.01.
Representing Numbers: Cards 43, 44
Linear Measurement: Cards 52, 55, 56
Multiply Whole Numbers: Cards 61, 62, 67, 68, 69, 76
Weight, Capacity, Temperature & Time: Cards 180, 182, 184, 188
Multiply & Divide Decimals: Cards 269, 277

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N3. Students will further develop their understanding of the meaning of multiplication and division with decimal fractions and use them.
a. Model multiplication and division of decimal fractions by another decimal fraction.
Multiply & Divide Decimals: Cards 270, 271, 272

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N3. Students will further develop their understanding of the meaning of multiplication and division with decimal fractions and use them.
b. Explain the process of multiplication and division, including situations in which the multiplier and divisor are both whole numbers and decimal fractions.
Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76
Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104
Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N3. Students will further develop their understanding of the meaning of multiplication and division with decimal fractions and use them.
c. Multiply and divide with decimal fractions including decimal fractions less than one and greater than one.
Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N3. Students will further develop their understanding of the meaning of multiplication and division with decimal fractions and use them.
d. Understand the relationships and rules for multiplication and division of whole numbers also apply to decimal fractions.
Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76
Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104
Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
a. Understand division of whole numbers can be represented as a fraction ($a/b = a \div b$).
Divide Whole Numbers: Card 97
Fraction Concepts: Card 126
Data & Graphs: Card 153

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
b. Understand the value of a fraction does not changes when both its numerator and denominator are multiplied or divided by the same number because it is the same as multiplying or dividing by one.
Fraction Concepts: Cards 121, 122, 125
Add Fractions: Cards 139, 140, 142, 143, 144
Subtract Fractions: Cards 165, 166, 167, 173, 175
Multiply & Divide Fractions: Cards 191, 192, 193, 194, 197, 198, 200

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
c. Find equivalent fractions and simplify fractions.
Fraction Concepts: Cards 120, 121, 123, 124, 125, 128
Add Fractions: Cards 139, 140, 141, 142, 143, 144, 146, 147, 148, 149, 150
Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176
Multiply & Divide Fractions: Cards 191, 192, 193, 194

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
d. Model the multiplication and division of common fractions.
Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
e. Explore finding common denominators using concrete, pictorial, and computational models.
Fraction Concepts: Cards 122, 123, 124, 125, 128
Add Fractions: Cards 142, 143, 144, 148, 149, 150
Subtract Fractions: Cards 167, 168, 171, 173, 174, 176

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
f. Use $<$, $>$, or $=$ to compare fractions and justify the comparison.
Fraction Concepts: Cards 123, 124

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
g. Add and subtract common fractions and mixed numbers with unlike denominators.
Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
h. Use fractions (proper and improper) and decimal fractions interchangeably.
Decimal Concepts: Cards 220, 223, 230, 231
Percent Concepts: Cards 293, 294, 295, 298, 300

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N4. Students will continue to develop their understanding of the meaning of common fractions and compute with them.
i. Estimate products and quotients.
Multiply Whole Numbers: Cards 62, 69, 76
Divide Whole Numbers: Card 89
Add & Subtract Decimals: Cards 244, 248, 249, 254

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N5. Students will understand the meaning of percentage.
a. Model percent on 10 by 10 grids.
Percent Concepts: Cards 290, 292, 294

M5N. Number and Operations
Students will further develop their understanding of the concept of whole numbers. They will also understand the meaning of multiplication and division of decimal fractions and use decimal fractions and common fractions in computation, as well as in problem solving situations.
M5N5. Students will understand the meaning of percentage.
b. Apply percentage to circle graphs.
Data & Graphs: Cards 161, 164

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
a. Estimate the area of fundamental geometric plane figures.
Perimeter, Area & Volume: Cards 204, 205, 206, 207, 208, 210, 211, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
b. Derive the formula for the area of a parallelogram (e.g., cut the parallelogram apart and rearrange it into a rectangle of the same area).
Perimeter, Area & Volume: Cards 207, 208, 210

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
c. Derive the formula for the area of a rectangle (e.g., demonstrate and explain its relationship to the area of a rectangle with the same base and height).
Perimeter, Area & Volume: Cards 205, 210

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
d. Find the area of triangles and parallelograms using formulae.
Perimeter, Area & Volume: Cards 205, 206, 207, 208, 210

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
e. Estimate the area of a circle through partitioning and tiling and then with formula (let $\pi = 3.14$). (Discuss square units as they apply to circles.)
Perimeter, Area & Volume: Card 203

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M1. Student will extend their understanding of area of fundamental geometric plane figures.
f. Find the area of a polygon (regular and irregular) by dividing it into squares, rectangles, and/or triangles and find the sum of the areas of those shapes.
Perimeter, Area & Volume: Cards 204, 205, 206, 207, 208, 210, 211

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M3. Student will measure capacity with appropriately chosen units and tools.
a. Use milliliters, liters, fluid ounces, cups, pints, quarts, and gallons to measure capacity.
Weight, Capacity, Temperature & Time: Cards 181, 182, 183, 184, 188

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M3. Student will measure capacity with appropriately chosen units and tools.
b. Compare one unit to another within a single system of measurement (e.g., 1 quart = 2 pints).
Linear Measurement: Cards 52, 53, 55, 56, 57
Weight, Capacity, Temperature & Time: Cards 179, 180, 182, 183, 184, 185, 188

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
a. Understand a cubic unit (u^3) is represented by a cube in which each edge has the length of 1 unit.
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
b. Identify the units used in computing volume as cubic centimeters (cm^3), cubic meters (m^3), cubic inches (in^3), cubic feet (ft^3), and cubic yards (yd^3).
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
c. Derive the formula for finding the volume of a cube and a rectangular prism using manipulative.
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
d. Compute the volume of a cube and a rectangular prism using formulas.
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
e. Estimate the volume of a simple geometric solid.
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5M. Measurement
Students will compute the area of geometric plane figures. They will also understand the concept of volume and compute the volume of simple geometric solids and measure capacity. Students will convert from one unit to another within one system of measurement.
M5M4. Student will understand and compute the volume of a simple geometric solid.
f. Understand the similarities and differences between volume and capacity.
Weight, Capacity, Temperature & Time: Cards 181, 182, 183, 184
Perimeter, Area & Volume: Cards 214, 215, 216, 217

M5G. Geometry
Students will further develop their understanding of geometric figures.
M5G1. Students will understand congruence of geometric figures and the correspondence of their vertices, sides, and angles.
Geometric Figures: Cards 135, 136, 137, 138

M5G. Geometry
Students will further develop their understanding of geometric figures.
M5G2. Students will understand the relationship of the circumference of a circle to its diameter is pi ($\pi \approx 3.14$).
Geometric Basics: Cards 86, 87
Perimeter, Area & Volume: Cards 203, 210

M5A. Algebra
Students will represent and investigate mathematical expressions algebraically by using variables.
M5A1. Students will represent and interpret the relationships between quantities algebraically.
a. Use variables, such as n or x, for unknown quantities in algebraic expressions.
Add & Subtract Whole Numbers: Cards 32, 37, 38
Multiply Whole Numbers: Cards 65, 66
Divide Whole Numbers: Cards 95, 97, 104
Perimeter, Area & Volume: Cards 202, 203, 205, 206, 207, 208, 209, 210, 211, 213, 215, 217
Coordinate Graphs: Cards 262, 266

M5A. Algebra
Students will represent and investigate mathematical expressions algebraically by using variables.
M5A1. Students will represent and interpret the relationships between quantities algebraically.
b. Investigate simple algebraic expressions by substituting numbers for the unknown.
Basic Facts: Cards 13, 14
Add & Subtract Whole Numbers: Cards 33, 38
Patterns & Numbers: Cards 116, 117
Perimeter, Area & Volume: Cards 202, 203, 205, 206, 207, 208, 209, 210, 211, 213, 215, 217
Coordinate Graphs: Cards 262, 266

M5A. Algebra
Students will represent and investigate mathematical expressions algebraically by using variables.
M5A1. Students will represent and interpret the relationships between quantities algebraically.
c. Determine that a formula will be reliable regardless of the type of number (whole numbers or decimal fractions) substituted for the variable.
Perimeter, Area & Volume: Cards 202, 203, 205, 206, 207, 208, 209, 210, 211, 213, 215, 217

M5D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M5D1. Students will analyze graphs.
a. Analyze data presented in a graph.
Data & Graphs: Cards 157, 158, 159, 160, 161, 162, 163, 164

M5D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M5D1. Students will analyze graphs.
b. Compare and contrast multiple graphic representations (circle graphs, line graphs, bar graphs, etc.) for a single set of data and discuss the advantages/disadvantages of each.
Data & Graphs: Cards 157, 158, 159, 160, 161, 162, 163, 164

M5D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M5D2. Students will collect, organize, and display data using the most appropriate graph.
Data & Graphs: Cards 157, 158, 159, 160, 161, 162, 163, 164

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.

a. Solve non-routine word problems using the strategy of make it simpler as well as all strategies learned in previous grades.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.

b. Solve single and multi-step routine word problems related to all appropriate fifth grade math standards.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills
Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.
M5P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.
c. Determine the operation(s) needed to solve a problem.
Basic Facts: Cards 5, 6, 12, 14

M5P. Process Skills
Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.
M5P1. Using the appropriate technology, students will solve problems that arise in mathematics and in other contexts.
d. Determine the most effective way to solve a problem (mentally, paper/pencil, or calculator).
Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38
Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49
Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60
Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76
Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87
Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104
Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117
Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128
Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138
Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164
Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176
Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188
Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200
Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217
Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231
Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242
Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254
Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266
Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278
Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289
Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P2. Students will investigate, develop, and evaluate mathematical arguments.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P3. Students will use the language of mathematics to express ideas precisely.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P4. Students will understand how mathematical ideas interconnect and build on one another and apply mathematics in other content areas.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

M5P. Process Skills

Students will apply mathematical concepts and skills in the context of authentic problems and will understand concepts rather than merely following a sequence of procedures. The student will use the process standards as a way of acquiring and using content knowledge.

M5P5. Students will create and use pictures, manipulatives, models, and symbols to organize, record, and communicate mathematical ideas.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Place Value: Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Add & Subtract Whole Numbers: Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Representing Numbers: Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

Linear Measurement: Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

Multiply Whole Numbers: Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Geometric Basics: Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87

Divide Whole Numbers: Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

Patterns & Numbers: Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117

Fraction Concepts: Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

Geometric Figures: Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138

Add Fractions: Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Data & Graphs: Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Subtract Fractions: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

Weight, Capacity, Temperature & Time: Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188

Multiply & Divide Fractions: Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

Perimeter, Area & Volume: Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

Decimal Concepts: Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

Spatial Sense & Transformations: Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

Add & Subtract Decimals: Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

Coordinate Graphs: Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266

Multiply & Divide Decimals: Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

Probability: Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

Percent Concepts: Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

SRA Mathematics Laboratory 2c
correlation to
Georgia's Mathematics Performance Standards
Grade 6

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
a. Apply factors and multiples.
Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89
Fraction & Decimal Concepts: Card 98

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
b. Decompose numbers into their prime factorization (Fundamental Theorem of Arithmetic).
Patterns & Numbers: Cards 92, 93, 94

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
c. Determine the greatest common factor (GCF) and the least common multiple (LCM) for a set of numbers.
Patterns & Numbers: Cards 85, 87, 88, 89
Fraction & Decimal Concepts: Cards 98, 99, 100, 101
Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 128, 129, 130, 133, 134, 136, 137

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
d. Add and subtract fractions and mixed numbers with unlike denominators.
Add & Subtract Fractions: Cards 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
e. Multiply and divide fractions and mixed numbers.
Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
f. Use fractions, decimals, and percents interchangeably.
Fraction & Decimal Concepts: Cards 103, 104, 105, 106, 107, 108
Divide Decimals: Cards 239, 240
Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

M6N. Number and Operations
Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts and associated skills in real world situations.
M6N1. Students will understand the meaning of the four arithmetic operations as related to positive rational numbers and will use these concepts to solve problems.
g. Solve problems involving fractions, decimals, and percents.
Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105
Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137
Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164
Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187
Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212
Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240
Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M1. Student will convert from one unit to another within one system of measurement (customary or metric) by using proportional relationships.
Weight, Capacity & Time: Cards 74, 75, 77, 78, 79, 81, 83

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M2. Student will use appropriate units of measure for finding length, perimeter, area and volume and will express each quantity using the appropriate unit.
a. Measure length to the nearest half, fourth, eighth and sixteenth of an inch.
Measurement: Cards 109, 111, 113

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M2. Student will use appropriate units of measure for finding length, perimeter, area and volume and will express each quantity using the appropriate unit.
b. Select and use units of appropriate size and type to measure length, perimeter, area and volume.
Measurement: Cards 109, 110, 111, 113
Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227
Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M2. Student will use appropriate units of measure for finding length, perimeter, area and volume and will express each quantity using the appropriate unit.
c. Compare and contrast units of measure for perimeter, area, and volume.
Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227
Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M3. Student will determine the volume of fundamental solid figures (right rectangular prisms, cylinders, pyramids, and cones).
a. Determine the formula for finding the volume of fundamental solid figures.
Surface Area & Volume: Cards 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M3. Student will determine the volume of fundamental solid figures (right rectangular prisms, cylinders, pyramids, and cones).
b. Compare the volumes of fundamental solid figures, using appropriate units of measure.
Surface Area & Volume: Cards 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M3. Student will determine the volume of fundamental solid figures (right rectangular prisms, cylinders, pyramids, and cones).
c. Estimate the volumes of simple geometric solids.
Surface Area & Volume: Cards 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M3. Student will determine the volume of fundamental solid figures (right rectangular prisms, cylinders, pyramids, and cones).
d. Solve application problems involving the volume of fundamental solid figures.
Surface Area & Volume: Cards 246, 247, 248, 249, 250, 251, 252

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M4. Student will determine the surface area of solid figures (right rectangular prisms and cylinders).
a. Find the surface area of right rectangular prisms and cylinders using manipulatives and constructing nets.
Surface Area & Volume: Cards 241, 242, 243, 244, 245

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M4. Student will determine the surface area of solid figures (right rectangular prisms and cylinders).
b. Compute the surface area of right rectangular prisms and cylinders using formulae.
Surface Area & Volume: Cards 241, 242, 243, 244, 245

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M4. Student will determine the surface area of solid figures (right rectangular prisms and cylinders).
c. Estimate the surface area of simple geometric solids.
Surface Area & Volume: Cards 241, 242, 243, 244, 245

M6M. Measurement
Students will understand how to determine the volume and surface area of solid figures. They will understand and use the customary and metric systems of measurement to measure quantities efficiently and to represent volume and surface area appropriately.
M6M4. Student will determine the surface area of solid figures (right rectangular prisms and cylinders).
d. Solve application problems involving surface area of right rectangular prisms and cylinders.
Surface Area & Volume: Cards 241, 242, 243, 244, 245

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G1. Students will further develop their understanding of plane figures.
a. Determine and use lines of symmetry.
Geometric Figures: Cards 172, 173, 175

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G1. Students will further develop their understanding of plane figures.
b. Investigate rotational symmetry, including degree of rotation.
Geometric Figures: Cards 173, 175
Spatial Sense & Transformations: Cards 269, 272

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G1. Students will further develop their understanding of plane figures.
c. Use the concepts of ratio, proportion and scale factor to demonstrate the relationships between similar plane figures.
Ratios & Proportions: Cards 273, 277, 280, 283

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G1. Students will further develop their understanding of plane figures.
d. Interpret and sketch simple scale drawings.
Ratios & Proportions: Cards 280, 283

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G1. Students will further develop their understanding of plane figures.
e. Solve problems involving scale drawings.
Ratios & Proportions: Cards 280, 283

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G2. Students will further develop their understanding of solid figures.
a. Compare and contrast right prisms and pyramids.
Geometric Figures: Cards 174, 175

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G2. Students will further develop their understanding of solid figures.
b. Compare and contrast cylinders and cones.
This concept is not covered at this level.

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G2. Students will further develop their understanding of solid figures.
c. Interpret and sketch front, back, top, bottom, and side views of solid figures.
Geometric Figures: Cards 174, 175

M6G. Geometry
Students will further develop their understanding of plane and solid geometric figures, incorporating the use of appropriate technology and using this knowledge to solve authentic problems.
M6G2. Students will further develop their understanding of solid figures.
d. Construct nets for prisms, cylinders, pyramids and cones.
Geometric Figures: Cards 174, 175

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A1. Students will understand the concept of ratio and use it to represent quantitative relationships.
Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
a. Analyze and describe patterns arising from mathematical rules, tables, and graphs.
Basic Facts: Cards 11, 14
Multiply & Divide Whole Numbers: Cards 42, 43, 49, 50
Patterns & Numbers: Cards 86, 91, 94
Multiply Decimals: Card 202
Divide Decimals: Cards 233, 234
Ratios & Proportions: Cards 274, 277

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
b. Use manipulatives or draw pictures to solve problems involving proportional relationships.
Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
c. Use proportions ($a/b = c/d$) to describe relationships and solve problems including percent problems.
Using Decimals & Percents: Cards 254, 255, 256, 257, 258, 259, 260, 261, 262

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
d. Describe proportional relationships mathematically using $y = kx$, where k is the constant of a proportion.
Perimeter & Area: Cards 213, 214, 217, 219, 220, 221, 222, 223, 224, 225, 226, 227
Surface Area & Volume: Cards 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252
Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
e. Graph proportional relationships in the form $y = kx$ and describe characteristics of the graph.
Coordinate Graphs: Cards 289, 290, 291

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
f. In a proportional relationship expressed as $y = kx$, solve for one quantity given values of the other two. Given quantities may be whole numbers, decimals, or fractions. Solve problems using the relationship $y = kx$.
Perimeter & Area: Cards 213, 214, 217, 219, 220, 221, 222, 223, 224, 225, 226, 227
Surface Area & Volume: Cards 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252
Using Decimals & Percents: Cards 254, 255, 256, 257, 258, 259, 260, 261, 262
Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283
Coordinate Graphs: Cards 289, 291

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A2. Students will consider relationships between varying quantities.
g. Use proportional reasoning ($a/b = c/d$ and $y = kx$) to solve problems.
Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283
Coordinate Graphs: Cards 289, 291

M6A. Algebra
Students will investigate relationships between two quantities. They will write and solve proportions and simple one-step equations that results from problem situations.
M6A3. Students will evaluate algebraic expressions, including those with exponents, and solve simple one-step equations using each of the four basic operations.
Basic Facts: Cards 1, 2, 5, 6, 8, 9, 10, 11, 12, 13, 14
Add & Subtract Whole Numbers: Cards 26, 31
Multiply & Divide Whole Numbers: Cards 55, 56, 59
Representing Numbers: Cards 60, 61, 62, 66
Patterns & Numbers: Cards 91, 94
Multiply Decimals: Cards 211, 212
Perimeter & Area: Cards 213, 214, 217, 219, 220, 221, 222, 223, 224, 225, 226, 227
Surface Area & Volume: Cards 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252
Ratios & Proportions: Cards 274, 275, 276, 277, 278, 279, 280, 281, 282, 283
Coordinate Graphs: Cards 289, 291
Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6D. Data Analysis
Students will demonstrate understanding of data analysis by posing questions to be answered by collecting data. They will represent, investigate, and use data to answer those questions. Students will understand experimental and theoretical probability.
M6D1. Students will pose questions, collect data, represent and analyze the data, and interpret results.
a. Formulate questions that can be answered by data. Students should collect data by using samples from a larger population (surveys), or by conducting experiments.
Data & Graphs: Cards 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

M6D. Data Analysis
Students will demonstrate understanding of data analysis by posing questions to be answered by collecting data. They will represent, investigate, and use data to answer those questions. Students will understand experimental and theoretical probability.
M6D1. Students will pose questions, collect data, represent and analyze the data, and interpret results.
b. Using data, construct frequency distributions, frequency tables, and graphs.
Data & Graphs: Cards 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153
Coordinate Graphs: Cards 289, 290, 291

M6D. Data Analysis
Students will demonstrate understanding of data analysis by posing questions to be answered by collecting data. They will represent, investigate, and use data to answer those questions. Students will understand experimental and theoretical probability.
M6D1. Students will pose questions, collect data, represent and analyze the data, and interpret results.
c. Choose appropriate graphs to be consistent with the nature of the data (categorical or numerical). Graphs should include pictographs, histograms, bar graphs, line graphs, circle graphs, and line plots.
Data & Graphs: Cards 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153
Coordinate Graphs: Cards 289, 290, 291

M6D. Data Analysis
Students will demonstrate understanding of data analysis by posing questions to be answered by collecting data. They will represent, investigate, and use data to answer those questions. Students will understand experimental and theoretical probability.
M6D1. Students will pose questions, collect data, represent and analyze the data, and interpret results.
d. Use tables and graphs to examine variation that occurs within a group and variation that occurs between groups.
Data & Graphs: Cards 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

M6D. Data Analysis
Students will demonstrate understanding of data analysis by posing questions to be answered by collecting data. They will represent, investigate, and use data to answer those questions. Students will understand experimental and theoretical probability.
M6D1. Students will pose questions, collect data, represent and analyze the data, and interpret results.
e. Relate the data analysis to the context of the questions posed.
Data & Graphs: Cards 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

M6D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M6D2. Students will use experimental and simple theoretical probability and understand the nature of sampling. They will also make predictions from investigations.
a. Predict the probability of a given event through trials/simulations (experimental probability), and represent the probability as a ratio.
Probability: Cards 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

M6D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M6D2. Students will use experimental and simple theoretical probability and understand the nature of sampling. They will also make predictions from investigations.
b. Determine, and use a ratio to represent, the theoretical probability of a given event.
Probability: Cards 192, 193, 194, 195, 196, 197, 201

M6D. Data Analysis
Students will gather, organize, and display data and interpret graphs.
M6D2. Students will use experimental and simple theoretical probability and understand the nature of sampling. They will also make predictions from investigations.
c. Discover that experimental probability approaches theoretical probability when the number of trials is large.
Probability: Cards 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P1. Students will solve problems (using appropriate technology).**a. Build new mathematical knowledge through problem solving.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P1. Students will solve problems (using appropriate technology).**b. Solve problems that arise in mathematics and in other contexts.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P1. Students will solve problems (using appropriate technology).**c. Apply and adapt a variety of appropriate strategies to solve problems.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P1. Students will solve problems (using appropriate technology).**d. Monitor and reflect on the process of mathematical problem solving.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P2. Students will reason and evaluate mathematical arguments.**a. Recognize reasoning and proof as fundamental aspects of mathematics.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P2. Students will reason and evaluate mathematical arguments.**b. Make and investigate mathematical conjectures.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P2. Students will reason and evaluate mathematical arguments.**c. Develop and evaluate mathematical arguments and proofs.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P2. Students will reason and evaluate mathematical arguments.**d. Select and use various types of reasoning and methods of proof.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P3. Students will communicate mathematically.**a. Organize and consolidate their mathematical thinking through communication.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P3. Students will communicate mathematically.**b. Communicate their mathematical thinking coherently and clearly to peers, teachers, and others.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P3. Students will communicate mathematically.**c. Analyze and evaluate the mathematical thinking and strategies of others.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P3. Students will communicate mathematically.**d. Use the language of mathematics to express mathematical ideas precisely.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P4. Students will make connections among mathematical ideas and to other disciplines.**a. Recognize and use connections among mathematical ideas.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P4. Students will make connections among mathematical ideas and to other disciplines.

b. Understand how mathematical ideas interconnect and build on one another to produce a coherent whole.

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P4. Students will make connections among mathematical ideas and to other disciplines.**c. Recognize and apply mathematics in contexts outside of mathematics.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P5. Students will represent mathematics in multiple ways.**a. Create and use representations to organize, record, and communicate mathematical ideas.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P5. Students will represent mathematics in multiple ways.**b. Select, apply and translate among mathematical representations to solve problems.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

M6P. Process Standards

Each topic studies in this course should be developed with careful thought toward helping every student achieve the following process standards:

M6P5. Students will represent mathematics in multiple ways.**c. Use representations to model and interpret physical, social, and mathematical phenomena.**

Basic Facts: Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Add & Subtract Whole Numbers: Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Place Value: Whole Numbers: Cards 32, 33, 34, 35, 36, 37, 38, 39, 40, 41

Multiply & Divide Whole Numbers: Cards 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Representing Numbers: Cards 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

Weight, Capacity & Time: Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

Patterns & Numbers: Cards 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

Fraction & Decimal Concepts: Cards 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108

Measurement: Cards 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121

Add & Subtract Fractions: Cards 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

Data and Graphs: Cards 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

Multiply & Divide Fractions: Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

Geometric Figures: Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175

Add & Subtract Decimals: Cards 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187

Probability: Cards 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

Multiply Decimals: Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

Perimeter & Area: Cards 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227

Divide Decimals: Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

Surface Area & Volume: Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Using Decimals & Percents: Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

Spatial Sense & Transformations: Cards 263, 264, 265, 266, 267, 268, 269, 270, 271, 272

Ratios & Proportions: Cards 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283

Coordinate Graphs: Cards 284, 285, 286, 287, 288, 289, 290, 291

Algebra Concepts: Cards 292, 293, 294, 295, 296, 297, 298, 299, 300