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| Time Frame | Topic/Unit | Skills/Concepts | Resources\*For all areas, don’t forget mathcore2k.com |
| Week 1 | Understanding Place Value System | Whole Numbers Only**-Base 10 Numerals, Number Names, and Expanded Form****-Comparing and ordering**Singapore Math Text Book 5A Pages 8-10, Workbook 5-6, Blue SingaporePages 13-17**-Using Place Value Understanding to Round Whole Number, Estimating**Singapore Math Text Book 5A pages 11-14, Workbook pages 7-8 Blue Singapore 18-19**-Understanding the Base 10 System Dividing and Multiplying by Powers of 10 (Introduce Exponents )**Singapore Math Workbook 5-6 Text Book Pages 23-26, Workbook pages 16-19, Review Blue Singapore 24-26**-Word Problems** <http://www.k-5mathteachingresources.com/support-files/place-value-problems.pdf> | * Place Value Math
* Singapore Math

Blue Singapore |
| Week 2 | Performing Operations with Multi-digit Whole Numbers | Whole Numbers Only-**Add and Subtract Using Regrouping** Harcourt PW 6Watkins Drill Book pages 1-7Singapore Math Workbook 25-26**-Properties of Operations** Harcourt Math Text pg. 100Super teacher Worksheet -**Relationship Between Addition and Subtraction**Checking with inverse operations-**Word Problems** (tape diagrams) <http://www.k-5mathteachingresources.com/support-files/adding-and-subtracting-multi-digit-whole-numbers.pdf> | * Place Value Disks
* Learn Zillion
* Standard Algorithm
 |
| Week 3 | Performing Operations with Multi-digit Whole Numbers | **Whole Numbers Only****-Estimating Products**Singapore Math Text Book 5A pages 11-14Workbook page 10Module 2 Lesson 2-**Properties of Operations**Harcourt Text page 100, PW 26-27Module 2, Lesson 1-**Multiply Whole Digit Numbers (3x3)**Singapore Math Text Book 5A 34-36Workbook page 16-17, 27-28Blue Singapore pages 27-29Watkins Drill Book page 11-12(Area Model)Module 2 Lessons 5-8Common Core Math Practice Book pages 41-45-**Word Problems** (tape diagrams)Module 2 Lesson 9<http://www.k-5mathteachingresources.com/support-files/multiplicativecomparisonproblems.pdf> | * Standard Algorithm
* Area Model
 |
| Week 4 | Performing Operations with Multi-digit Whole Numbers | **Whole Numbers Only**-**Estimating Quotients and Patterns**Module 2 Lesson 16-18-**Divide Whole Digit Numbers (4x2)**Singapore Math Text Book 5A pages 44-47, Workbook 37-40Module 2 Lesson 19-23Common Core Math Practice Book 51-55Watkins Drill Book pages 16-11-**Word Problems**Module 2 Lesson 28-29Blue Singapore pages 34-38 | * Standard Algorithm
 |
| Week 5 | Performing Operations with Multi-digit Whole Numbers | **Word Problems –** Using all Four Operation to Perform Multistep Word ProblemsSingapore Math workbook pages 31-34, 44-45Basic Math Skills Word Problems pages 23/24, 31, 37<http://www.superteacherworksheets.com/multiple-step-problems/multiple-step4-adv_FARMS.pdf><http://www.superteacherworksheets.com/multiple-step-problems/multiple-step2_STEPS.pdf><http://www.acoe.org/acoe/files/EdServices/Math/MultiStepWordProblemsGr46.pdf>**Whole Number Assessment** | * Bar Models
 |
| Week 6 | Performing Operations with Multi-digit Decimal | **Decimal Numbers Only****-Understanding the Base 10 System Dividing and Multiplying by Powers of 10 Using Exponents** Module 1 Lessons 1-3Singapore Math Text Book 5B pages 8-10, Workbook page 5Blue Singapore pages 15-22-**Base 10 Numerals, Number Names, and Expanded Form**Module 1 Lesson 5-**Comparing and ordering**Module 1 Lesson 6Singapore Math Text Book 5B Page 11-12, Workbook page 6Blue Singapore pages 23-24-**Using Place Value Understanding to Round Decimal Numbers**Module 1 Lesson 7-8Singapore Math Text Book 5B pages 13-15, Workbook page 7Blue Singapore pages 25-26Harcourt PW 37-**Word Problems**(see module lessons) | * Module 1 Lessons
* <https://www.engageny.org/resource/grade-5-mathematics>
 |
| Week 7 | Performing Operations with Multi-digit Decimal | **Decimal Numbers Only****-Add and Subtract Using Regrouping to Hundredths****Module 1 Lesson 9-10**Singapore Math Text Book 5B pages 16-17, workbook page 8Blue Singapore pages 27-29**-Multiply Whole Digit Numbers (3x3) to Hundredths**Module 1 Lesson 11-12Singapore Math Workbook Book 5B pages 9/10, 13-15, 19-21, 24-26**-Divide Whole Digit Numbers (4x2) to Hundredths**Module 1 Lesson 13-15Singapore Math Workbook Book 5B pages 9/10, 16-18, 22-23, 27-29**-Word Problems**Module 1 Lesson16Singapore Math Workbook Book 5B pages 11 | * Visual Fraction Model
 |
| Week 8 | Assessment | **Review and Assessment** | * Stamina Test
 |
| Weeks 9-10 | Operations and Algebraic Thinking | **Whole Numbers Only****-Write and Interpret Numerical Expressions**Module 2 Lessons 3-4<http://math.about.com><http://www.worksheetplace.com>**-Understand Function Tables**Common Core Mathematics Book pages 11-20 | * Common Core Mathematics Book pages 11-20
 |
| Weeks 11-12Weeks 11-12 cont. | Number and Operations - Fractions | **Fractions****-Identifying Fractions and Mixed Numbers** Harcourt PW 73<https://learnzillion.com/lessons/84-write-mixed-number-fractions-drawing-shapes>**-Equivalent Fractions**Module 3 Lessons 1-3Harcourt PW 74Singapore Math Text Book 5A page**-Comparing and Ordering Fractions**<https://learnzillion.com/lessonsets/7-compare-fractions-of-different-types>**Changing a Fraction to a Decimal Number**Singapore Math Text Book 5B pages 20-21Work book 5B page 12**-Add and Subtract Fractions with Like and Unlike Denominators**Module 3 Lessons 4-12Singapore Math Text Book 5A pages 58-63Workbook pages 52-59Blue Singapore pages 54-59**-Simplifying Fractions**Blue Singapore pages 50-54 | * Rectangular Model
* Standard Algorithm
 |
| Week 13 | Number and Operations – Fractions  | **Fractions****-Solve Word Problems Involving Addition and Subtraction**Module 3 Lesson 15<http://www.mathworksheetsland.com/5/13addsubfrac/ip.pdf><http://www.k-5mathteachingresources.com/support-files/fraction-word-problems-unlike-denominator.pdf>**Assessment** | * Rectangular Model
* Standard Algorithm
* Bar Models
 |
| Week 14 | Number and Operations – Fractions | **Fractions****-Multiplication and Division Fractions** Module 4 Lessons 7-8, 13-15, Lesson 25-27-**Solve Word Problems Involving Multiplication and Division of Fractions**Module 4 Lessons 11-12, 16, 24-**Fraction of a Set** Singapore Math Text Book 5A pages 67-71Workbook 60- 66**-Assessment** | * Standard Algorithm
* Bar Models
* Visual Fractional Model
* Rectangular Model
 |
| Week 15 | Number and Operations – Fractions | Fractions-Catch Up and Review Based on Assessment |  |
| Weeks 16-17 | Geometry | -**Classify Two Dimensional Figures into Categories Based on Their Properties**Module 5 Lesson 20-21Singapore Math Text Book 5B page 95Blue Singapore pages 77-79Harcourt text 518, PW 123Common Core Mathematics page 136-140**-Review Perimeter and Area**Module 5 Lesson 10-15Singapore Math Text Book 5A pages 108-114Workbook 106-108Blue Singapore page 54-67Harcourt pages 620-627, 639-648 PW 148-151, PW 154-155-Assessment(Review)Blue Singapore 68-74 |  |
| Week 18 | Measurement and Data | -**Geometric Measurement Understand Concepts of Volume and Relate Volume to Multiplication and Addition**Module 5 Lesson 1-9Common Core Mathematics Book pages 116-125Harcourt pages 664-669, PW 160-162Singapore Math Text Book 5B pages 48-57 Workbook pages 37-42 | * Concrete Models
* Formulas
 |
| Week 19 | Measurement and Data | -**Converting Standard Measurement****\***Cover in science class-**Represent and Interpret Data (Line Plot)**Module 4 Lessons 1-2Common Core Mathematics pages 111-115 |  |
| Weeks 20-24 |  | **Assessments and Review** |  |
| Week 25 |  | **Testing** |  |
| Weeks 26-27 | Geometry | Graph Ordered Pairs and Functions on a Coordinate Plane |  |
| Week 28 | Geometry | Analyze Patterns and RelationshipsRepresent Real World and mathematical problems by graphing on coordinate plane (Graphing Shapes) |  |
| Week 29 | Geometry | Angles |  |
| Week 30 | Number Operations | Integers |  |
| Weeks 31-34 |  | **Bridges to Work on Real Life Problem Solving Skills and Number Operations** |  |
| Weeks 35-37 |  | **End of Year Review and Assessment** |  |