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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 Singapore  Pages 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 6  Watkins Drill Book pages 1-7  Singapore Math Workbook 25-26  **-Properties of Operations**  Harcourt Math Text pg. 100  Super 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 11-14  Workbook page 10  Module 2 Lesson 2  -**Properties of Operations**  Harcourt Text page 100, PW 26-27  Module 2, Lesson 1  -**Multiply Whole Digit Numbers (3x3)**  Singapore Math Text Book 5A 34-36  Workbook page 16-17, 27-28  Blue Singapore pages 27-29  Watkins Drill Book page 11-12  (Area Model)  Module 2 Lessons 5-8  Common 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 37-40  Module 2 Lesson 19-23  Common Core Math Practice Book 51-55  Watkins Drill Book pages 16-11  -**Word Problems**  Module 2 Lesson 28-29  Blue 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 Problems  Singapore Math workbook pages 31-34, 44-45  Basic 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 1-3  Singapore Math Text Book 5B pages 8-10, Workbook page 5  Blue Singapore pages 15-22  -**Base 10 Numerals, Number Names, and Expanded Form**  Module 1 Lesson 5  -**Comparing and ordering**  Module 1 Lesson 6  Singapore Math Text Book 5B Page 11-12, Workbook page 6  Blue Singapore pages 23-24  -**Using Place Value Understanding to Round Decimal Numbers**  Module 1 Lesson 7-8  Singapore Math Text Book 5B pages 13-15, Workbook page 7  Blue Singapore pages 25-26  Harcourt 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 8  Blue Singapore pages 27-29  **-Multiply Whole Digit Numbers (3x3) to Hundredths**  Module 1 Lesson 11-12  Singapore Math Workbook Book 5B pages 9/10, 13-15, 19-21, 24-26  **-Divide Whole Digit Numbers (4x2) to Hundredths**  Module 1 Lesson 13-15  Singapore Math Workbook Book 5B pages 9/10, 16-18, 22-23, 27-29  **-Word Problems**  Module 1 Lesson16  Singapore 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 11-12  Weeks 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 1-3  Harcourt PW 74  Singapore 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 20-21  Work book 5B page 12  **-Add and Subtract Fractions with Like and Unlike Denominators**  Module 3 Lessons 4-12  Singapore Math Text Book 5A pages 58-63  Workbook pages 52-59  Blue 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 67-71  Workbook 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 20-21  Singapore Math Text Book 5B page 95  Blue Singapore pages 77-79  Harcourt text 518, PW 123  Common Core Mathematics page 136-140  **-Review Perimeter and Area**  Module 5 Lesson 10-15  Singapore Math Text Book 5A pages 108-114  Workbook 106-108  Blue Singapore page 54-67  Harcourt 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 1-9  Common Core Mathematics Book pages 116-125  Harcourt pages 664-669, PW 160-162  Singapore 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 1-2  Common 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 Relationships  Represent 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** |  |