

Module	Time	Title	CCSS	KEMS Lessons - Level E
Module 1	10 days	Problem Solving	Standards for Mathematical Practice	KEMS Lesson 1 – SOLVE - S and O KEMS Lesson 2 – SOLVE- L KEMS Lesson 3 - SOLVE - V and E
Module 2	5 days	Fact Masters- Multiplication		KEMS Appendix A - Fact Masters Multiplication
Module 3	10 days	Place Value	5.NBT.A.1 5.NBT.A.2 5.NBT.A.3 5.NBT.A.4	KEMS Lesson 4 - Place Value and Patterns KEMS Lesson 5 - Read and Write Decimals to the Thousandths Place with Expanded Form KEMS Lesson 6 - Compare and Round Decimals to the Thousandths
Module 4	10 days	Add and Subtract Decimals	5.NBT.B.7	KEMS Lesson 9 - Add Decimals KEMS Lesson 10 - Subtract Decimals
Module 5	5 days	Fact Masters- Division		KEMS Appendix B - Fact Masters Division
Module 6	15 days	Multiply and Divide – Multi- Digit and Decimals	5.NBT.B.5 5.NBT.B.6 5.NBT.B.7	KEMS Lesson 7 - Multiply Multi-Digit Whole Numbers KEMS Lesson 8 - Divide Multi-Digit Whole Numbers with Property Application KEMS Lesson 11 - Multiply Decimals KEMS Lesson 12 - Divide Decimals
Module 7	20 days	Add and Subtract Fractions	5.NF.A.1 5.NF.A.2	KEMS Lesson 16 - Concept of Fractions KEMS Lesson 17 - Add Fractions - Unlike Denominators KEMS Lesson 18 - Subtract Fractions - Unlike Denominators KEMS Lesson 19 - Add and Subtract Mixed Numbers - Unlike Denominators
Module 8	20 days	Multiply and Divide Fractions	5.NF.B.3 5.NF.B.4 5.NF.B.5 5.NF.B.6 5.NF.B.7	KEMS Lesson 20 - Multiply Fractions KEMS Lesson 21 - Multiply Fractions and Mixed Numbers Word Problems KEMS Lesson 22 - Model Fractions as Division KEMS Lesson 23 - Divide Fractions and Whole Numbers
Module 9	15 days	Measurement and Data	5.MD.A.1 5.MD.A.2 5.MD.C.3 5.MD.C.4 5.MD.C.5	KEMS Lesson 24 - Measurement Conversions KEMS Lesson 25 - Line Plots KEMS Lesson 26 - Volume of Right Rectangular Prisms KEMS Lesson 27 - Volume of Complex Figures: Word Problems
Module 10	10 days	Geometry- Identify and Compare	5.G.B.3 5.G.B.4	KEMS Lesson 29 - Identify and Compare Quadrilaterals KEMS Lesson 30 - Classify and Compare Two-Dimensional Figures
Module 11	5 days	Expressions	5.OA.A.1 5.OA.A.2	KEMS Lesson 13 - Write Expressions KEMS Lesson 14 - Evaluate Numerical Expressions
Post Test Standards				
Module 12	5 days	Coordinate Plane	5.G.A.1 5.G.A.2 5.OA.A.3	KEMS Lesson 28 - Coordinate Plane and Plotting Points KEMS Lesson 15 - Patterns and Relationships

***Major Work at Grade 5**

Major Clusters	Supporting/Additional Clusters
<p>Number and Operations in Base Ten</p> <ul style="list-style-type: none"> • Understand the place value system. • Perform operations with multi-digit whole numbers and with decimals to hundredths. <p>Number and Operations—Fractions</p> <ul style="list-style-type: none"> • Use equivalent fractions as a strategy to add and subtract fractions. • Apply and extend previous understandings of multiplication and division to multiply and divide fractions. <p>Measurement and Data</p> <ul style="list-style-type: none"> • Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition. 	<p>Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> • (A) Write and interpret numerical expressions. • (A) Analyze patterns and relationships. <p>Measurement and Data</p> <ul style="list-style-type: none"> • (S) Convert like measurement units within a given measurement system. • (I) Represent and interpret data. <p>Geometry</p> <ul style="list-style-type: none"> • (A) Graph points on the coordinate plane to solve real-world and mathematical problems. • (A) Classify two-dimensional figures into categories based on their properties.

* From PARCC and Smarter Balanced