Mathematics	
Grade	**8**
Unit of Study	**Unit 2: Solving Linear Equations/Inequalities**
Length of Unit	**25 days**

Missouri Learning Standards

8.EEI.C. Analyze and solve linear equations and inequalities and pairs of simultaneous linear equations.
8.EEI.C.7a. Solve linear equations and inequalities in one variable. Create and identify linear equations with one solution, infinitely many solutions or no solutions.
8.EEI.C.7b. Solve linear equations and inequalities in one variable. Solve linear equations and inequalities with rational number coefficients, including equations and inequalities whose solutions require expanding expressions using the distributive property and combining like terms.

Unit 2: Learning Targets

I can give examples of linear equations with one solution, infinitely many solutions or no solutions.
I can identify linear equations with one solution, infinitely many solutions or no solutions.
I can solve linear equations with rational number coefficients in one variable with or without the distributive property and combining like terms.
I can solve linear equations with rational number coefficients in one variable with or without the distributive property and combining like terms.

Intervention and Enrichment

ScaffoldedMath.com; Virtual Nerd Videos; Solve Me Mobiles

Assessments

MLS (Learning Goal)	Description or Location
• **8.EEI.C.**	Assessment folder; Missouri Assessment Program Test Prep: 8th Grade Math Practice Workbook and Full-length Online Assessments: MAP Study Guide (MO MAP by Lumos Learning)

Vocabulary			
Variable Expression Equation	Inequality Coefficient Constant	Inverse operation Solution Solution set	Distribute Like terms Combine terms

Instructional Materials

See Unit 4 folder Unit 4; Graspable Math Interactive Solving Equations Into Math Series

Additional Instructional Resources

Find extra worksheets/practice on: MathAids.com; CommonCoreSheets.com; Kutasoftware.com; Math-Drills.com; Math Salamanders.com; Mathworksheets4kids.com; IXL; Math 8: Free & Complete Course with Guided Notes (Algebra); https://www.ck12.org/student/; Woot Math.com; CK12.org; MathAntics.com; MashupMath.com; https://www.map.mathshell.org/

Reflections for Future Revisions

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