

Teacher: Walczyk

Course: **Foundations in Algebra**

Period(s): 1

Week of: 2/26/18

Unit Title: Solving Equations and Proportional Reasoning

State Standards: FA.ACE.1, FA.ASE.1, FA.ACE.4, FA.AREI.1, FA.AREI.3

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Plan Activities (aligned, sequenced, build, time)	Student Work (Thinking & Problem Solving, Real World)	Assessment (aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
Monday	FA.ASE.1 FA.AREI.3	Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Solve linear equations in one variable, including equations with coefficients represented by letters.	Continue chapter 9.3 –	Continue chapter 9.3. more practice with equations with variables on both sides.	Performance on worksheet. Assist where needed.	Whole group, Individual, small group	Worksheet Workbooks Textbooks	Applies to IEP/504 Priority seating Modeling, pair up with partners
Tuesday	FA.ASE.1 FA.AREI.3	Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Solve linear equations in one variable, including equations with coefficients represented by letters.	Continue chapter 9.3 -	Continue chapter 9.3. More practice with equations with fractions.	Performance on worksheet. Walk room to assist as needed.	Whole group, Individual, small group	Worksheets Workbooks Textbooks	Applies to IEP/504 Priority seating Modeling, pair up with partners
Wednesday	FA.ASE.1 FA.AREI.3	Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Solve linear equations in one variable, including equations with coefficients represented by letters.	Linear equations activity – I can solve – pennants	Teams will work together using learned strategies to solve linear equations with integers, fractions, and/or decimals to create pennants.	Walk room to assist teams as needed.	Whole group, Individual, small group	“I can solve” pennants Colored pencils/markers Scissors Calculators	Applies to IEP/504 Priority seating, pair with partners

Thursday	FA.ASE.1 FA.AREI.3	Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Solve linear equations in one variable, including equations with coefficients represented by letters.	Quiz on chapter 9 sections 1-3	Chapter 9 quiz 1 <ul style="list-style-type: none"> • Apply general strategy when solving a linear equation. • Solve equations containing fractions or decimals. • Recognize identities and equations with no solution 	Performance on Chapter 9 Quiz 9.	Individual	Texbook Notebook paper Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Friday	FA.ASE.1 FA.AREI.3 FS.ACE.4	Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Solve linear equations in one variable, including equations with coefficients represented by letters. Solve literal equations and formulas for a specified variable including equations and formulas that arise in a variety of disciplines.	Review quiz on Ch9 section 1-3 CS9.4 – Further Problem Solving	Participate in quiz review. Take notes on Chapter 9.4. <ul style="list-style-type: none"> • Solve problems including direct translation. • Solve problems including relationships among unknown quantities. 	Participation in quiz review/questioning. Ensure students are actively taking notes. Questioning during lesson. Student participation during lesson. Walk room and assist as necessary during practice problems and start of homework problems.	Whole group, Individual, small group	Graded quizzes Notes for CS9.4 Laptops Workbooks Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners

* All plans are subject to change. Student progress will be monitored and adjustments will be made. **NOTE:CS = Chapter Section. Example CS1.2 is Chapter 1 Section 2 in the textbook.**