

Teacher: Walczyk

Course: **Foundations in Algebra**

Period(s): 1

Week of: 2/19/18

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)
<b>Monday</b>	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.	Complete chapter 9.2 – Properties of Real Numbers	Complete notes on Chapter 9.2 Use the commutative and associative properties. Use the distributive property. Use the identity and inverse properties.	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	Online textbook Laptops Workbooks Online homeworkCS9.2	Applies to IEP/504 Priority seating Modeling, pair up with partners
<b>Tuesday</b>	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.	Complete problems from CS9.2 and review.  Start chapter 9.3 – Further Solving Linear Equations	Complete problems from CS 9.2 and review.  Take notes on Chapter 9.3. <ul style="list-style-type: none"> <li>Apply general strategy when solving a linear equation.</li> <li>Solve equations containing fractions or decimals.</li> <li>Recognize identities and equations with no solution</li> </ul>	Participation in homework 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	Homework answers Notes for CS9.2 Laptops Workbooks	Applies to IEP/504 Priority seating Modeling, pair up with partners
<b>Wednesday</b>	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 – Further Solving Linear Equations	Continue chapter 9.3. <ul style="list-style-type: none"> <li>Apply general strategy when solving a linear equation.</li> <li>Solve equations containing fractions or decimals.</li> <li>Recognize identities and equations with no solution</li> </ul>	Participation in homework 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	Homework answers Notes for CS9.2 Laptops Workbooks	Applies to IEP/504 Priority seating Modeling, pair up with partners

<b>Thursday</b>	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 – Further Solving Linear Equations	Continue chapter 9.3. <ul style="list-style-type: none"> <li>Apply general strategy when solving a linear equation.</li> <li>Solve equations containing fractions or decimals.</li> <li>Recognize identities and equations with no solution</li> </ul>	Participation in homework 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	Homework answers Notes for CS9.2 Laptops Workbooks	Applies to IEP/504 Priority seating Modeling, pair up with partners
<b>Friday</b>	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

\* 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.**