Send as an attachment via email to adlerml@scsk12.org. Save file as: LessonPlans\_Last NameFirstInitial\_MonthDay

 Example: LessonPlans\_AdlerA\_Aug10

Boxes will expand as necessary when you type. Due by 11:59 Friday of week before scheduled plans.

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| --- | --- |
| Teacher | Teri Lindsey |
| Class | Algebra I |

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|  | **Date: 9-12** | **Date: 9-13** | **Date: 9-14** | **Date: 9-15** | **Date: 9-16** |
| **Standard**(Reference State, Common Core, ACT College Readiness Standards and/or State Competencies.) | ■ [A-REI.B.3](http://tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf) Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. | ■ [A-REI.B.3](http://tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf) Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. | ■ [A-REI.B.3](http://tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf) Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. | ■ [A-REI.B.3](http://tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf) Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. | Staff Development Day |
| **Objective**(Clear, Specific, and Measurable, student-friendly) | I can solve equations with variables on both sides. | I can solve equations with rational numbers. | I can solve equations with rational numbers. | I can solve a multi-step equation. |
| **Connections to Prior Knowledge** | Checks for Understanding each day will make connections to prior knowledge by providing concentrated practice of previous learned skills. | Checks for Understanding each day will make connections to prior knowledge by providing concentrated practice of previous learned skills. | Checks for Understanding each day will make connections to prior knowledge by providing concentrated practice of previous learned skills. | Checks for Understanding each day will make connections to prior knowledge by providing concentrated practice of previous learned skills. |
| **Guiding Questions**(Motivator / HookAn Essential Question encourages students to put forth more effort when faced with complex, open-ended, challenging, meaningful and authentic questions.) | * How are equations useful in the real world
* How do equations show a relationship between two quantities in real-life?
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| **Instructional Strategies**(Step-By-Step Procedures – SequenceDiscover / Explain – Direct InstructionModeling Expectations – “I Do”Questioning / Encourages Higher Order ThinkingGrouping StrategiesDifferentiated Instructional Strategies to Provide Intervention & Extension, **Literacy Task**) | TTW model solving an equation with a variable on both sides using think aloud and duiscussion. | * TTW model solving an equation with rational terms using think aloud and duiscussion.
* TTW develop the strategy of multiplying to eliminate fractions.
 | * TTW model solving an equation with rational terms using think aloud and duiscussion.
* TTW develop the strategy of multiplying to eliminate fractions.
 | * TTW model solving any type of equation in one variable to the first degree using think aloud and discussion.
* TTW encourage students to consider multiple strategies for solving.
 | No school for students |
| **Differentiated Tasks**(Activities based on students’ needs and learning styles, IEP modifications) | TTW guide students through several examples and gradually release them to work independently. | TTW guide students through several examples and gradually release them to work independently. | TTW guide students through several examples and gradually release them to work independently. | TTW guide students through several examples and gradually release them to work independently. |
| **Assessment** (Aligned with the Lesson ObjectiveFormative / SummativePerformance-Based/RubricFormal / Informal) | TSW be able to solve:$$3x+5=2x-8$$ | TSW be able to solve:$$\frac{2}{3}x+6=18$$ | TSW be able to solve:$$\frac{3}{4}x-8=2x+\frac{5}{6}$$ | TSW be able to solve:$$3-5\left(\frac{1}{3}x-2\right)=4x=1$$ |
| **Closure**(Reflection / Wrap-UpSummarizing, Reminding, Reflecting, Restating, Connecting) | The student will complete an exit ticket in the following format:3 Things I Learned About…2 Ways I Contributed to Class Today…1 Question I Still Have… | The student will complete an exit ticket in the following format:3 Things I Learned About…2 Ways I Contributed to Class Today…1 Question I Still Have… | The student will complete an exit ticket in the following format:3 Things I Learned About…2 Ways I Contributed to Class Today…1 Question I Still Have… | The student will complete an exit ticket in the following format:3 Things I Learned About…2 Ways I Contributed to Class Today…1 Question I Still Have… |  |
| **Resources/Materials**(Aligned with the Lesson ObjectiveRigorous & Relevant) | Glencoe, Algebra I textSection 0-2**Additional Resource(s)**[**CCSS Flip Book with Examples of each Standard**](http://www.azed.gov/azccrs/files/2013/11/high-school-ccss-flip-book-usd-259-2012.pdf)* [Ordering positive and negative fractions Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-043s.html%22%20%5Ct%20%22_vid5)
* [Classifying numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-144s.html%22%20%5Ct%20%22_vid6)
* [Simplifying square roots of rational numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-171s.html%22%20%5Ct%20%22_vid7)
* [Estimating square roots of rational numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-172s.html%22%20%5Ct%20%22_vid8)
 | Glencoe, Algebra I textSection 0-2**Additional Resource(s)**[**CCSS Flip Book with Examples of each Standard**](http://www.azed.gov/azccrs/files/2013/11/high-school-ccss-flip-book-usd-259-2012.pdf)* [Ordering positive and negative fractions Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-043s.html%22%20%5Ct%20%22_vid5)
* [Classifying numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-144s.html%22%20%5Ct%20%22_vid6)
* [Simplifying square roots of rational numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-171s.html%22%20%5Ct%20%22_vid7)
* [Estimating square roots of rational numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-172s.html%22%20%5Ct%20%22_vid8)
 | Glencoe, Algebra I text, Section 1-3**Additional Resource(s)**[**CCSS Flip Book with Examples of each Standard**](http://www.azed.gov/azccrs/files/2013/11/high-school-ccss-flip-book-usd-259-2012.pdf)[Identifying properties of real numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-158s.html%22%20%5Ct%20%22_vid9)[Using properties of real numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-159s.html%22%20%5Ct%20%22_vid10) | Glencoe, Algebra I text, Section 1-3 **Additional Resource(s)**[**CCSS Flip Book with Examples of each Standard**](http://www.azed.gov/azccrs/files/2013/11/high-school-ccss-flip-book-usd-259-2012.pdf)[Identifying properties of real numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-158s.html%22%20%5Ct%20%22_vid9)[Using properties of real numbers Video](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-159s.html%22%20%5Ct%20%22_vid10) |  |