

Lesson Plan 01.23.17 to 01.27.17

Monday 01.23.17: SWBAT graph lines in slope-intercept and standard form, with 100% accuracy.

1. Warm Up/This Day in History/Math Warm Up [10]
2. Problem of the Day [5]
3. I do: Examples with video: <https://youtu.be/mqUxqYXF7EU>
4. We do: Practice Examples in the video
5. You do: Graphing Practice Classwork
6. Exit Ticket: Kuta 2 standard, 2 SI (with negative slopes)

Tuesday 01.24.17: SWBAT solve systems using substitution, and compare them to graphed versions of the same system.

1. Warm Up/This Day in History/Math Warm Up [10]
2. Problem of the Day [5]
3. I do: 4 examples with these 4 types:

$\begin{array}{l} 2y = x + 3 \\ 2x + y = 4 \end{array}$	$\begin{array}{l} x = -4y \\ 2x + 6y = -3 \end{array}$
$\begin{array}{l} x - y = 3 \\ x + y = 7 \end{array}$	$\begin{array}{l} y = -x + 1 \\ y = x - 7 \end{array}$

4. We do/You do: Finish the Substitution/Graphing Partner Activity (pick up as Exit Ticket/Assessment) <https://www.teacherspayteachers.com/Product/Systems-of-Equations-Graphing-vs-Substitution-Partner-Activity-506116>

Wednesday 01.25.17: SWBAT solve systems with simple elimination (adding and subtracting)

1. Warm Up/This Day in History/Math Warm Up [10]
2. Problem of the Day [5]
3. I do: Foldable from <https://www.teacherspayteachers.com/Product/Systems-of-Equations-in-2-and-3-Variables-Interactive-Notebook-Activities-1450401> with examples from textbook
4. We do: Kuta worksheet
5. You do: Kuta worksheet
6. Exit ticket tomorrow with end of lesson

Thursday 01.26.17: SWBAT solve systems with complex elimination (multiplying then adding/subtracting)

1. Warm Up/This Day in History/Math Warm Up [10]
2. Problem of the Day [5]
3. I do: Foldable from <https://www.teacherspayteachers.com/Product/Systems-of-Equations-in-2-and-3-Variables-Interactive-Notebook-Activities-1450401> with examples from textbook
4. We do: Kuta worksheet
5. You do: Kuta worksheet

6. Exit ticket: 1 add, 1 subtract, 2 complex

Friday 01.27.17: SWBAT put together knowledge about systems of equations to choose the best method for solving a system.

1. Warm Up/This Day in History
2. Quiz: Warm Ups and Solving by Substitution
3. I do: Foldables from <https://www.teacherspayteachers.com/Product/Systems-of-Equations-in-2-and-3-Variables-Interactive-Notebook-Activities-1450401>
(page that shows all 3 together)
4. We do/You do/Exit Ticket: Cut and Paste activity
http://mercury.educ.kent.edu/database/eureka/documents/LessonPlan_SolvingSystemsofLinearEquationsPuttingitAllTogether.pdf