

Graphing simple equations

Overview	<ul style="list-style-type: none">• Students in Algebra 1 will use Squareleaf to help them graph simple equations. Each different color will represent a different step.
Objectives	<ul style="list-style-type: none">• Students will be able to find the essential parts to graphing an equation.• Students will be able to show each step in a neat manner and use squareleaf to do so.• Students will be able to draw graphs of equations.
Standards	<ul style="list-style-type: none">• No standards
Materials	<ul style="list-style-type: none">• Computer connected to the Internet• Pencil• Paper
Procedure	<ul style="list-style-type: none">• I will teach students how to solve an equation for the y-intercept and the slope.• Once they master the slope and y-intercept, I will teach them how to find other points by simply plugging in points into the equation.• Introduce an X,Y table to them to help actually graph the equation.• Teach how to plot the points and connect the points.• Have students practice solving equation for slope and y-intercept. Have each step (one for slope, one for y-intercept) be done on a different color sticky note.• On different color, have students find minimum of five points of the graph.• Finally have students draw graph.
Evaluation	<ul style="list-style-type: none">• The students will be given many short quizzes throughout the week to get them ready for the test.• At the end of the week, I will give the students a final test over finding the slope and y-intercept and graphing an equation. Making them show each and every step clearly.