



Mathematics: Slope Intercept Form

Objective	Students will learn slope intercept form and after doing homework they will use Facebook to post/answer two questions from students.
Learning Environment	At first the students will be in a regular classroom using pencil and paper, but when they use Facebook they will need to use their computer at home.
Audience	This lesson plan will be pointed more towards 7 th and 8 th graders in their first Algebra class.
Standards	7.3, 8.3, 8.7
Materials	Pencil(s) Notebook Math Book Facebook Account
Procedure	<ol style="list-style-type: none">1. Students will be introduced to the slope-intercept form: $y=mx+b$<ol style="list-style-type: none">a. What is it?b. What is it used for?c. What are the variables?d. What do the variables represent?2. They will understand what each variable means and what significance it has when solving a slope-intercept problem.3. Students will be introduced to positive and negative sloped lines on a graph. By using the slope intercept form, they will be able to distinguish the line's slope and y-intercept.4. By understanding each variable they will be able to apply their learning experience to a variety of problems.5. They will be given homework and after completing it, they will use Facebook to post questions and answer other student's questions in the process. They have to answer two questions altogether.
Application	They will be given example/review problems

	throughout the lesson dealing with simple, complex, and real world problems. This will give them the opportunity to decide how to solve these problems as they are reviewed in class.
Evaluation	At the end of the lesson plan the students will be given a homework set of about 15-20 problems. These problems will be due the next day and graded in class. Along with this, their posts to Facebook will be discussed during the checking of homework.