

Math Song
Mrs. Vega/Mrs. Aguirre

SWBAT: Write song lyrics that explain how to simplify algebraic expressions using the order of operations.

DIRECTIONS:

1. Choose a song and find the lyrics to the song. You need to print it out or you can copy from the website. Mrs. Aguirre will provide you with some websites to search for the lyrics.
2. You must rewrite the original lyrics of the song so that the song explains how to simplify algebraic expressions using the order of operations.
3. The song must have at least three math definitions related to the topic.
4. The lyrics must show correct information about the topic. In other words, you have to be mathematically correct in your explanations.
5. Your new lyrics must follow the rhyme pattern and rhythm of the original song as closely as possible.
6. Your new lyrics should be creative and interesting to listen to.
7. When writing the lyrics, you must have a chorus or refrain that repeats at least three times.
8. You will create a poster with the lyrics to your new song. All spelling, capital letters, punctuation, grammar, etc. must be correct.
9. Your song must have a title related to the lyrics and this title must be included on your poster.
10. You will create a graph to be displayed on the poster. The graph will represent the number of words per second when you sing the lyrics to your song. Therefore, you will calculate this in the following manner:
 - First, you will sing the first line and with a timer record the time.
 - Next, you will sing the first two lines, the first and the second line together, and record the time again.
 - Then, you will record the first three lines, and so on, until you sing the entire song.
11. Make a table with the information and then graph the results. The table and the graph must be on the poster. The graph must have a title, an appropriate scale, label the x and y axis, be colorful, and easy to read.
12. The poster must be neat, easy to read, and attractive. You may use magic markers, color pencils, crayons, etc.
13. You will be given the opportunity to perform your song for the class. If your group decides to perform, you will be awarded extra credit points.