

# Math Sing-a-long

This project will be to write and compose a math song/rap and dance. Students may work in pairs, if they like. Your completed project will be due on **January 16, 2014**.

## **Due Dates:**

December 10, 2013: Topic of song

December 18, 2013: What you will include in the song

January 9, 2014: Rough draft of lyrics

January 16, 2014: Final project due and presented





You do have the option of pre-recording your sing-a-long and showing your performance to the class. **There will be a contest for the BEST pre-recorded performance and song.**

## **The objectives of this project are:**



- (1) help students retain frequently used mathematical procedures by setting them to music/verse
- (2) integrate math with music/verse/dance, providing students with the opportunity to utilize both their cognitive and creative abilities
- (3) provide a motivational strategy that will encourage an appreciation for math

Students will present an original song/rap and dance.



## **The song/rap must:**

-  have a catchy title
-  have a music accompaniment that will be played during the presentation  
music of any kind can be used (preexisting or your own creation)  
preexisting songs can be used but the lyrics must be dubbed out
-  be less than 2 minutes but more than one minute in duration
-  consist of acceptable lyrics that cover any math topic (approved list)

## **The dance can be simple, but the dance must:**

-  be clean and appropriate
-  go with the song/rap

## **Students must present lyrics in two forms:**

-  display form as a decorated poster
-  typed on a sheet of paper and turned in the box

Category	5	4	3	2	Maximum Points
Content	Student shows a full understanding of the topic.	Student shows a good understanding of the topic.	Student shows good understanding of parts of the topic.	Student does not seem to understand the topic very well.	25
Focus on Topic	Stays on topic 100% of the time.	Stays on topic 99 - 90% of the time.	Stays on topic 89 - 75% of the time.	It was hard to tell what the topic was.	25
Music	Music and lyrics are appropriate and go perfectly together.	Music is present but does not go well with lyrics.	No music is present but student has prepared music that is performed with the body that goes very well with the lyrics.	No music.	10
Dance	Dance is appropriate and goes well with the music and lyrics.	Dance is somewhat present and goes well with the music and lyrics.	Dance is present but does not go well with the music and lyrics.	No dance.	10
Preparedness	Student is completely prepared and has obviously rehearsed.	Student seems fairly well prepared but might have needed a couple more rehearsals.	The student is somewhat prepared, but it is clear that rehearsal was lacking.	Student does not seem at prepared to present.	10
Lyrics Display	Lyrics are typed on paper and displayed on a poster that is nicely decorated. Has a very catchy title.	Lyrics are typed on paper and displayed on a poster that is barely decorated. Has a very catchy title.	Lyrics are typed on paper and displayed on a poster that is not decorated. Has a title.	Lyrics are not typed on paper and/or (not) displayed on a poster that is not decorated. Has no title.	10
Enthusiasm	Facial expressions and body language generate a strong interest and enthusiasm about the topic in others.	Facial expressions and body language sometimes generate a strong interest and enthusiasm about the topic in others.	Facial expressions and body language are used to try to generate enthusiasm but seems somewhat faked.	Very little use of facial expressions or body language. Did not generate much interest in topic being presented.	5
Time-limit	Presentation is less than 2 minutes but more than 1 minute long.	Presentation is exactly 1 minute long.	Presentation is more than two minutes or less than 1 minute long.	Presentation is more than 3 minutes long or less than half a minute long.	5
<b>Maximum Possible Grade</b>					<b>100</b>