

Algebra 2 Video Project

Objective: I can utilize technology to create a music video about Algebra 2 section

Grade: 1 summative grade up to 100 points

Due Date: 7:40a.m., THURSDAY MAY 23rd-- It will NOT be accepted late. Movies will be played on that day and day after, if needed. Signups begin on Thursday, April 25 at 7:00 pm and end Wednesday, May 1 at 9:00 am. If you do not sign up with a group and/or topic, you will be assigned to one.

Requirements:

- 3 to 6 minute video
- Must be on either DVD or computer file (WMV, QT, etc...). The files are **not-returnable**. If you plan on creating through a computer file, it must be on a CD. If the group plans on putting the video on a sharing website (i.e. YouTube), please provide a playable file for school.
- You and three other Algebra 2 members
- A **typed** copy of the lyrics with names of all group members and which teacher they have

The video must be school appropriate. There are absolutely NO inappropriate remarks, language, or innuendo of any kind. If you are found in violation, the grade will result in a zero and disciplinary action.

Rubric

<i>Grade</i>	<i>Content (40 pts)</i>	<i>Organization & Style (20 pts)</i>
A	All facts and information presented are accurate and complete (36-40 pts)	The video was well conceived and shows goods organization of the content (18-20 pts)
B	Most facts and information presented are accurate and complete (32-35 pts)	The video shows good organization of the content (16-17 pts)
C	Some facts and information presented are accurate and complete (30-31 pts)	The video was not well conceived or shows little organization of the content (15 pts)
D	Few facts and information presented are accurate and complete (28-29 pts)	The video was poorly done and shows poor organization of the content (14 pppts)
F	No facts and information presented are accurate and complete (<27 pts)	The video shows little or no organization (0-13 pts)

Videography (30 pts):

Grade	Originality (20 pts)	Types of song, time limit, and typed lyrics (5 pts)	Participation (5 pts)
A	The video fully demonstrated and executed an original idea (18-20 pts)	The type of song & lyrics are school appropriate, met the time limit, & all lyrics are typed (5 pts)	Everyone in the group participated, sang, and is visible in the video. (5 pts)
B	The video reasonably demonstrated and executed an original idea (16-17 pts)	The type of song & lyrics are mostly appropriate, time limit went over/under 30 secs, and/or lyrics are mostly typed (4 pts)	Most everyone in the group participated, sang, and is visible in the video. (4 pts)
C	The video lacked originality but show signs of demonstration (15 pts)	The song is somewhat appropriate, time limit was beyond 30 seconds of the allocated amount, and/or the lyrics are not typed. (0-3 pts)	Not everyone participated in the group participated, sang and is not clearly seen in the video. (0-3 pts)
D	The video lacked original thought (14 pts)		
F	The video failed to show any original thought or ideas (0-13 pts)		

Individual Requirements (10 pts):

- Student evaluates and gives feedback to other groups (5 pts)
- Each group member will grade anonymously on a scale of 1-5, with a list of duties (5 pts)

FAQ's (Frequently Asked Questions):

Q: How many people can join in my group?

A: No more than 4 people total. You can work individually, if desired. Don't ask about this rule.

Q: When is this project due?

A: Turn the paper over.

Q: Can I borrow any technology?

A: Talk to your instructor.

Q: Can other classmates join my group from other classes?

A: Yes. For example, if a student in Mr. Dang's 1st period class wants to join a group in Mr. Dang's 4th period class, he/she can. However, please make sure the topic is available for both classes.

Q: Can my group members be in Algebra 2 Level and still participate?

A: Yes with permission. They must notify their teacher and it must be approved.

Q: Do I have to include music in my video?

A: Yes. Technology can be limited for some but do the best you can. If the music is loud from a sound system, it will most likely be heard. However, you can also create your own music and involve any music instruments. You **MUST** appear and participate in the video, at some point.

Q: Can I change my section after signing up?

A: If the section is not taken, you may. ***First come, first serve.*** No more changes can be made after Friday, May 7th at 3:00 pm. If you are not signed up, the instructor will assign you to a group and a topic.

Q: What if I don't want to do this?

A: There is **NO OTHER** alternative assignment. Don't be shy. Have some fun.

The subject matter must be related to Algebra 2. For example, Chapter 6 has a section on the Polynomials and it can be the topic of your song. **NO MORE THAN TWO GROUPS CAN HAVE THE SAME TOPIC IN THE SAME PERIOD.** ***First come, first serve.*** Final listings will be available on Mr. Dang's website posted by that weekend.

Suggested topics:

Chap 6: Polynomial Functions (Polynomial Basics, Conjugate Root Theorem, Fundamental Theorem of Algebra, End Behavior)	Chap 09: Conic Sections (Circles, Ellipses, Parabolas, Hyperbolas, General Form...)
Chap 7: Exponential and Logarithmic Functions (e , \ln , \log ...)	
Chap 8: Rational and Radical Functions (Variations, Asymptotes, Holes, Canceling Factors...)	Chap 13: Trigonometric Functions (Unit Circle, SOHCAHTOA, Inverse Functions...)