

Quadratic Formula Performance Assessment

In this shop assignment, you will create a music video featuring the quadratic formula. This may be done individually or in groups of up to four. The video must be between two and five minutes long ($2 \leq l \leq 5$). The video must include the quadratic formula in some type of song or rap. **Plagiarism** will result in a ZERO for this assignment, as well as a SATURDAY SCHOOL detention. Please don't waste our time by submitting a video from the Internet – chances are I've already seen it.

Some other terms you might want to include for this video:

- Radical
- Discriminant
- Root (zeros of a function)
- i
- Real Solutions
- Factor
- Binomial/Trinomial
- Parabola
- Other terms from Chapter 4

This video should be school appropriate! If you must stop to ask if something is appropriate, it probably isn't!

Use the rubric to help create the video. This is the same rubric I will use when grading your project.

If you do not have access to a video recorder, you may see me before or after school to borrow one in my classroom, under my supervision. If you cannot stay before or after school, you will perform your song/rap live. Just like live television, this performance cannot be redone or restarted. This live performance will be graded using a similar rubric.

Parent/Guardian Signature required for video! Videos created without parent/guardian signatures will not be viewed. Signatures must be verified BEFORE taping begins.

I hereby give my son/daughter permission to participate in this video assignment. This video will be used for classroom purposes only and will not be used outside of Diman Regional. I understand that my son/daughter is still responsible for this assignment in class should I withhold my authorization for videotaping.

X _____

Date: _____

Category	15 points	10 points	5 points	1 point
Titles & Credits	All titles and credits are accurate, legible and draw the viewer's attention.	Most titles and credits are accurate, legible and draw the viewer's attention.	Video is missing either titles or credits.	No title or credits.
Content Facts & Information	All facts and information presented was accurate & complete.	Most facts and information presented was accurate & complete.	Some facts and information presented was accurate & complete.	Few facts and information presented was accurate & complete.
Videography- Techniques Clarity	Video did not rock/shake and the focus was excellent throughout.	Video occasionally had slight movement but the focus was excellent throughout.	Video was unstable or the focus was poor throughout.	Video was unsteady and moved while the focus was poor.
Videography Interest	Many different "takes", camera angles, sound effects, and/or careful use of zoom provided variety in the video.	Some variation in "takes", camera angles, sound effects, and/or careful use of zoom provided variety in the video.	Few different "takes", camera angles, sound effects, and/or careful use of zoom provided variety in the video.	Most shots taken from one camera angle, and the zoom was not well used.
Audio	The video's sound was always sufficiently loud and clear.	The video's sound sometimes faded out and was clear part of the time.	The video's sound was poor and not clear at all times.	The video's sound was insufficient and difficult to make out.
Style & Organization	The video was well conceived and shows good organization of the content.	The video shows good organization of the content.	The video was not well conceived or shows poor organization of the content.	The video was poorly done and shows little or no organization of the content.
Knowledge	The video demonstrates a thorough knowledge of the subject investigated.	The video demonstrates good knowledge of the subject investigated.	The video demonstrates some knowledge of the subject investigated.	The video demonstrates very little knowledge of the subject investigated.