**Project Geomcast**

**Objectives:**

1. **To enable students to review the discipline’s curriculum contents in any place or at any time, from the internet, iPods or mobile phones, when the memory needs to be refreshed.**
2. **To increase the interest and the motivation of learning**
3. **To contribute to student success on final exams**

**Chose a production style:**

a) Demonstration of a concept

b) Solving of exercise (step-by-step) \*most videos

c) Video software tutorial (How to make a video-podcast) \*only 1-2 groups

**Create a timeline:**

1. Team brainstorm session by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Solve the problem and verify solution by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Write or outline a script by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Produce video by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Edit if needed by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Upload file to class website by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Answer the following questions in your video or written out:**

* What is the concept or question?
* What is the big idea?
* What key information is given in the problem/diagram?
* What is the first thing to consider?
* What are the steps involved?
* How does this concept or problem relate to the real world?

Remember to speak slowly and clearly!

\*Videos should be short. Aim for under 2 minutes.

**Options:**

* Select a particular role within a group of 2-3 students. Please be inviting to students in need of a group. Groups of 3 are preferred.

Group Roles:

* 1. Set-up &handle the video camera & download/upload technology
* 2. Solve the exercise step-by-step on camera
* 3. Vocalize the work on camera
* **ALL** students: work together to create the script/initially solve the problem.

-Have a creative idea different than this project? Clue me in! As long as you are learning I will like it. Get it approved and artistic freedom is yours.

-Not comfortable on camera?

-Choose a role not visible on camera to contribute to the tea

Brainstorm Session!

Map out your ideas here. How will you present the problem? Will you include a graphic? Will you be on camera? What will work best to present your problem-solving strategies to the class?

Solve the Problem

Copy the problem & show all work here:

Rubric - Project Geomcast

Geomcast Created by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Geomcast Graded by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

0 - Not at all

1 – Unclear

2 - Left several parts out

3 - Well explained (missing 1 part at most)

4 - Very well explained

Does the student address:

1. What is the concept or question? 0 1 2 3 4
2. What is the big idea? 0 1 2 3 4
3. What key information is given in the problem/diagram? 0 1 2 3 4
4. What is the first thing to consider? 0 1 2 3 4
5. What are the steps involved? 0 1 2 3 4
6. How does this problem relate to the real world? 0 1 2 3 4
7. Video Quality: All aspects of video are visible

very blurry/small(1) somewhat visible(2) mostly visible(3) yes(4)

1. Speaker

Needs practice: Pauses, Ums, Likes (2) Practiced(3) Outstanding(4)

1. Visuals & Flow:

Hard to follow(1) Somewhat hard to follow (2) Okay(3) Easy to learn from (4)

Was the established timeline followed?

Yes One Day Late (-3) Two Days Late (-6) 2+ days late (-?)

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