The “student warm-up” assignment is an opportunity for each student to explore their own area of interest within Geometry, how Geometry relates to their area of interest, or an interesting application of Geometry. The rubric for the assignment is attached. This assignment is worth a quiz grade. Presentations will start after Thanksgiving break. The parameters of the project are as follows:

1. ***Each student must pick a topic by 11/16 and submit the topic to me, along with a brief outline of what you are going to cover (that is what the attached sheet is for!).***
2. Rank the weeks that you want to do the warm-up in order of your preference (i.e.: 1 is first pick, 2 is second pick, etc…). I cannot promise you will get your first pick, but I will try. Note: If you pick the last week offered, your grade might end up in the 3rd marking period due to scheduling, holidays, etc…
3. Overall time of presentation is 4 - 6 minutes, 5 minutes is ideal. Do not run over or under!
4. Warm-up can be of lecture form, class activity, multi-media, etc…..it is up to you as long as it is ***appropriate***, ***contains technology***, and ***pertains to Geometry***.

You should pick an area that you are interested and passionate about, and then try to link that area to Geometry. **Sorry ladies, but no sports can be used**. If you cannot come up with a topic, come see me, as I can give you direction. If you are really passionate about a topic, and cannot find a tie to Geometry, then linking the topic to another math discipline, with my approval, is acceptable. This is a solo effort, so no team work is allowed.

**NOTE: I will accept forms before the deadline, and I will only allow 1 presentation per topic!**

***How you will be graded:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | Points |
| Organization | Audience cannot understand presentation because there is no sequence of information. | Audience has difficulty following presentation because student jumps around. | Student presents information in logical sequence which audience can follow. | Student presents information in logical, ***interesting*** sequence which audience can follow. | 4 |
| Content Knowledge | Student does not have grasp of information; student cannot answer any questions about subject. | Student is uncomfortable with information and is able to answer only basic questions. | Student is at ease with content, but fails to elaborate. | Student demonstrates full knowledge of topic. | 4 |
| Technology | Student does not use technology (0 points) | Student occasionally used visuals but they do not support presentation. | Visuals relate to text and presentation. | Students used visuals to reinforce presentation. | 4 |
| Mechanics | 3 or more grammatical/spelling errors. | 1 or more grammatical/spelling errors. | No errors. |  | 3 |
| Delivery | Student mumbles, incorrectly pronounces terms, and/or stares at their feet. | Audience has difficult understanding presentation | Student uses clear voice and correct and precise pronunciation of terms. |  | 3 |
| Time | Student’s presentation is < 3 minutes or > 6 minutes. | Student’s presentation < 4 minutes | Students presentation is 4 – 6 minutes long |  | 3 |
| Respect | Not on time for other student’s warm-up. Talks/laughs/is rude to other students. | Is quiet, but staring off in space, uninterested. |  | Respectful and attentive to other student’s presentation | 4 |
| TOTAL |  |  |  |  | 25 points |

**NOTE: Last page of powerpoint needs to contain list of references. Missing the references will drop your grade 10 ppts.**

***This sheet must be handed in on or before 11/16. Late submissions will reduce the project grade by 2 points per day. Any time past the beginning of class on 11/16 will be considered late.***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_

Topic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Choose your top 4 date ranges; label them 1, 2, 3 & 4.

First Week \_\_\_\_\_\_\_\_\_\_

Second Week \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Third Week \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fourth Week \_\_\_\_\_\_\_\_\_\_

***Brief outline/overview/description of what you are going to cover:***

***What are the one or two key pieces of information you want the class to know:***

***Misc Thoughts:***

* If you are in doubt on your topic – see me for clarification.
* If you work on an apple product, make sure that you can display your presentation on my computer.
* Do NOT wait until the last minute – it will show in your presentation!
* I will create a folder on the common drive. You are responsible to place a copy of your presentation in the folder at least 48 hours prior to the presentation. This way I can preview your presentation if you’d like.
* What looks good on a monitor might not be readable on a smart board!
* Font size should be legible from the rear of the room.