



## The Cake Project

This project will demonstrate you and your groups complete understanding of one of nine digital media topics.

You will be working in groups of 2 or 3, and your task will be to present a topic to the class so that they will be able to understand the concept completely.

This concept attainment is necessary so that you will be able to present your understanding of all the 9 topics covered in the final project you submit to me at the end of the term.

Your goal is to find a creative way to share your topic with your classmates in a way that keeps them entertained, and conveys the knowledge of the topic to them. It is called the "Cake Project", because ideally, you will be using cake, or some other prop, or food item to help explain at least one part of your topic. There are very few parameters to this project; the more creative you are, and the better your classmates understand the topic, the better your grade will end up being.

You will be assigned one of the following topics:

1. Resolution (screen, printed, units, how it is changed)
2. Points vs. Pixels vs. inches (what is each, and how are they interrelated?)
3. .psd vs. jpg (describe layers, and the advantages of both)
4. Selection tools in Photoshop
5. Grayscale and levels
6. Sub-pixels (rgb) and pixel values
7. Photoshop tools (clone stamp, eraser, type tool, and type mask)
8. Frame rate, and frames per second, time code
9. Audio levels, and manipulation of these levels

You will be graded according to the following rubric:

	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Originality Weight: <b>1</b>	None/ No presentation	Material has been copied from outside source, no	Information is exchanged in a very traditional	Original and thoughtful presentation	I will be copying this presentation myself next

		interpretation	manner		year
Subject understanding Weight: <b>5</b>	None/ No presentation	Subject is not understood	Subject is regurgitated to audience, but inability to demonstrate deeper understanding	Clear understanding of subject when questioned	I ask you questions because you have answers to things I do not understand
Presentation Weight: <b>5</b>	None/ No presentation	Not presented in an engaging manner; peers fall asleep	Some students are engaged, others are not	Class is engaged in activity	Class is sad when presentation is over and Clancy is back
Group dynamics Weight: <b>2</b>	None/ No presentation	Imbalance of workload: clearly the work of one member	One member presents the majority of the time and responsible for aides/ supplements	Even distribution of work for presentation and preparation	The Dream Team of presentors
Teaching aides/ cake! Weight: <b>2</b>	None/ No presentation	Minimal use of aides, really bad cake mix cake	Uses in class aides, cake is average	Makes use of multiple aides, Cake is Delicious and creative	Please open a bakery and sell educational cakes
Supplemental materials/ handouts Weight: <b>5</b>	None/ No presentation	Minimal supplemental aides	Supp. Material presented in a manner that will not enable classmates to learn from	Excellent handouts enable others to learn	I ask you for your handouts, etc, because they are better than mine

Some things to consider:

- Be considerate of any food allergies in the class
- Supplemental materials do not need to be hard copies!
- Use of any digital enhancement for your project is essential; feel free to use the projector, movie clips, etc.
- Make sure that you are set up and ready to go before class starts! Do a run through before you present to the class
- Consider using a video converter instead of streaming videos from youtube.
- Better yet, create your own video