![C:\Users\mathewssa\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LOLWWH2W\MC900383904[1].wmf]()![C:\Users\mathewssa\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\PXISR5QS\MC900431621[1].png]()Semester Extra Credit Project

From the list below, choose ONE topic to create a (school appropriate) music video/rap or instructional demonstration video about. (Think about the ‘Atomic Theory Rap’ that we saw in class...) This video must clearly present the topic, make 2 or more relevant connections to “real world” applications/uses, make 2 or more factual historical connections, and provide a clear explanation and connection to the topic. No more than 5 per group, projects MUST be turned in via CD, DVD, Jump Drive or File exchange (email, YouTube Link, etc) as media may be kept over holiday break. **Due December 15th by 3:00 pm. NO EXCEPTIONS!!**

Topics

* Scientific Method
* Scientific Notation
* Physical and Chemical properties
* Matter
* Kinetic Theory of Matter
* 3 Gas Laws
* Atoms, Molecules, Compounds, and elements
* Ionic and Covalent Bonding
* Factors affecting reaction rates (6)
* Reaction Types (5)
* Acids and bases
* Motion, Velocity, Speed, Acceleration
* Newton’s Three Laws
* Gravity
* Work and Power
* Potential and Kinetic Energy
* Simple Machines
* Heat and Temperature

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CATEGORY  | **20**  | **15**  | **10**  | **5**  |
| **Point of View - Purpose**  | Establishes a purpose early on and maintains a clear focus throughout.  | Establishes a purpose early on and maintains focus for most of the presentation.  | There are a few lapses in focus, but the purpose is fairly clear.  | It is difficult to figure out the purpose of the presentation.  |
| **Soundtrack/Script Originality**  | All of the lyrics are original.  | Most (over half) of the lyrics is original.  | Some of the lyrics are original.  | None of the lyrics are original.  |
| **Images/Actions**  | Images create a distinct atmosphere or tone that matches different parts of the story.  | Images create an atmosphere or tone that matches some parts of the story.  | An attempt was made to use images to create an atmosphere/tone but it needed more work. Image choice is logical.  | Little or no attempt to use images to create an appropriate atmosphere/tone.  |
| **Duration of Presentation**  | Length of presentation was 5 minutes.  | Length of presentation was 4 minutes.  | Length of presentation was 3 minutes.  | Presentation was less than 2 minutes long OR more than 4 minutes.  |
| **"Real- World" Connections**  | 2 or more connections made.  | 1 connection made OR only one legitimate connection made  |    | No real world connections successfully made.  |
| **Historical/Factual Connections**  | 2 or more connections made.  | 1 connection made OR only one legitimate connection made  |    | No real world connections successfully made.  |