**“Worst Case Scenario”**

***What happens when science goes horribly wrong...***

**PART 1: Individual Work**

**Controversial Scientific Essay (CHEMISTRY)**

*Each student is responsible for choosing and writing about a new scientific discovery, invention or topic that has sparked some degree of controversy. Students will develop a 5-paragraph essay about their topic that outlines the real world issues it solves, the potential barriers that could inhibit this new idea from moving forward and how those barriers might be overcome.*

**ROUGH DRAFT DUE**: Monday, October 12th

**FINAL DRAFT DUE**: TBD

**Horror Story (HUMANITIES)**

*Students will use their controversial scientific topic to write a science fiction horror story. Their horror story is developed around the potential “worst case scenario” that could come from their controversial scientific discovery.*

**ROUGH DRAFT DUE: Tuesday, October 6th**

**FINAL DRAFT DUE: Thursday, October 15th**

**PART 2: Group Work**

Students will break up into teams of **8 people**. Each team will be responsible for the following categories:

**Theater Production (6 people)**

1. Select one horror story from all of your group members that you’re going to develop into a short film, play, audio production, etc.
2. Group members will critique and revise the selected horror story in order to develop it into a film, play or audio production.
3. Assign one person to one Specific job within this group. Please write their name next to the person that will be in charge of that job:
   1. Writer
   2. Editer
   3. Producer
   4. Costumes
   5. Set Design
   6. Actors

**Haunted House Exhibition- Design & Engineering (2 people)**

1. Develop a design and layout for exhibition in the 10th grade commons. Each group will submit their design layout.
2. How will exhibition flow? How many tour guides do we need?
3. Research construction ideas and materials needed to build a haunted house
4. Create a list of materials and decide who will be in charge of bringing each of your specific materials
5. Scary costumes
6. Set up of haunted house prior to the night of exhibition
7. Design an exhibition flyer that can be handed out the night of exhibition
8. Email invitation to parents

**Part 3: Exhibition**

**Individual Responsibilities**

1. For the first hour of exhibition, you will be responsible for displaying your controversial scientific paper and discussing the details of your topic with exhibition attendees.
2. For the second hour of exhibition, you will be responsible for scaring people or conducting tours.

**Group Responsibilities**

1. Each group is responsible for the successful set-up and display of their theater production.
2. Each group is responsible for the maintaining the structure and flow of the haunted house throughout the night.

**Everyone is responsible** for breaking down and cleaning up at exhibition. The expectation is that all students will stay until 8pm to help with this process.

**\*\*\* EXHIBITION will be on Thursday October 29th, 2015 from 5:30 to 7:30 \*\*\***