**Chemistry I – January 2013 Exhibition**

Ustadh’s Exhibition Week: Jan. 2-4

ConneXions Exhibition Week: Jan. 14-18

**Guidelines**

**Writing Task:** After researching informational texts on chemical concepts related to cooking, write a script for a 5-7 minute TV show that describes the chemistry concepts in a given cooking practice. Support your discussion with evidence from your research.

The script must include the following information about the dish your group will prepare:

* Name and origin of dish
* Ingredients of the dish
* Method of preparation
* Chemical concepts
  + Type of heat transfer involved in cooking food
  + Explanation of temperature and connection to heat transfer
  + Identify type of macromolecules in food, their chemical structure, and effect on taste of the food
  + Pertinent health issues based on the macromolecules present

**Exhibition Presentation:** Your group will create and present a 5-7 minute video or live cooking-show segment. Each student will then be asked a series of questions from a panel of teachers (or Ustadh alone) which will require you to discuss in detail the chemical concepts your group explained in the cooking show segment.

Group Partners: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Brainstorming

Type of food to cook: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Website #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Website #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Website #3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Second Semester Important Dates**

**December**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3  *Introduce Exhibition Task, Group Intros* | 4  *Macromolecules Lab* | 5  *Macromolecules* | 6  *Macromolecule Structures* | 7  *Macromolecule*  *Structures 2* |
| 10  *Search Sources*  *Citations* | 11  *Search Sources*  *Citations* | 12  *Script Check-In* | 13  *Draft of Script Due* | 14  *Script Peer Review*  *Script Ustadh Review* |
| 17 | 18 | 19  *Ustadh Gone* | 20  *Ustadh Leaves* | 21  *Ustadh Leaves* |
| 24  *Winter Break* | 25  *Winter Break* | 26  *Winter Break* | 27  *Winter Break* | 28  *Winter Break* |

**January**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 31  *Winter Break* | 1  *Winter Break* | 2  **First Day Back**  *Practice Check-In* | 3  *Practice Exhibitions with Ustadh* | 4  *Practice Exhibitions with Ustadh*  ***Final Script Due*** |
| 7  *HSA*  *Video Shooting* | 8  *HAS*  *Video Shooting* | 9  *HAS*  *Video Shooting* | 10 | 11  *Exhibition Check-In* |
| 14  *Exhibition Week* | 15  *Exhibition Week* | 16  *Exhibition Week* | 17  *Exhibition Week* | 18  *Exhibition Week*  *End of Chemistry* |