**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* |