

# MOLE LEARNING CONTRACT (G)

## Essential Question

How much water is in my bottle?

## Learning Objectives

- Objective 1: Describe the unit chemists use to measure representative particles.
- Objective 2: Calculate the molar mass of any compound.
- Objective 3: Given the number of grams of a substance, calculate the number of moles.

## Self-Evaluation

Scale	4 Exceeds Standards	3 Meets Standards	2 Approaching Standards	1 Below Standards
Criteria	The assignment was on time (stamped) & corrected. I worked on the task until it was completed. I pushed myself to continue working on the task even when difficulties arose or a solution was not immediately evident. I viewed difficulties that arose as opportunities to strengthen my understanding.	The assignment was NOT on time (no stamp), but it was corrected. I worked on the task until it was completed. I pushed myself to continue working on the task even when difficulties arose or a solution was not immediately evident. I viewed difficulties that arose as opportunities to strengthen my understanding.	The assignment was NOT on time (no stamp). I put some effort into the task, but stopped working and copied the rest of the assignment.	The assignment was NOT on time (no stamp). I put very little effort into the task or copied the whole assignment.

## Assignments

+ Assignments in **bold** are **required**

+ **ALL CONTRACT WORK IS DUE BY THE END OF THE PERIOD ON FRIDAY 2/15/12** +

### NOTES & LITERACY

\_\_\_ **10.1 Annotations & The Mole TEJ**

\_\_\_ **Cornell Notes: The Mole**

JUSTIFICATION

### PRACTICE

\_\_\_ **Dimensional Analysis Review**

\_\_\_ **The Mole is How Many?**

\_\_\_ Measurement Activity **OR** Population Size Activity

\_\_\_ **Mole Song: A Mole is A Unit**

### LAB

\_\_\_ **Mole Stations Activity**

### ABOVE & BEYOND

\_\_\_ Section Review 10.1 & 10.2

\_\_\_ Chapter 10 Practice Test A

\_\_\_ Pages 17 & 18 in your Mole Note Packet

Assignments completed: \_\_\_/7

Contract Points Earned: \_\_\_/28

**Unit Calendar:**

Day/Date	Class Period	Lab Period	Notes/HW
Monday February 4, 2013	Online Course Evaluation Grades?		
Tuesday February 5, 2013	Dimensional Analysis Review Begin 10.1 annotations	10.1 Annotations & TEJ	
Wednesday February 6, 2013	Mole Unit Cornell Notes & Practice Problems		
Thursday February 7, 2013	Mole Unit Cornell Notes & Practice Problems		
Friday February 8, 2013	Mole Unit Cornell Notes & Practice Problems		

Day/Date	Class Period	Lab Period	Notes/HW
Monday February 11, 2013	The Mole is How Many? Population Size <u>OR</u> Measurement Activity		
Tuesday February 12, 2013	Mole Song	<b>Mole Quiz</b>	
Wednesday February 13, 2013	Mole Stations Lab		
Thursday February 14, 2013	Mole Stations Lab		
Friday February 15, 2012	<b>MOLE UNIT TEST</b>		