

## Stoichiometry Collaboration Activity

To demonstrate your learning from the introduction to stoichiometry lesson, you will be completing a practice activity with a partner. Due to the odd number in the class, there is one partner group of 3. Your partners have been randomly generated to the following:

- **Matt D.** is partnered with **Julianne L.**
- **Sam A.** is partnered with **JJ L.**
- **John W.** is partnered with **Jarrett B.**
- **Sammy W.** is partnered with **Joel E.**
- **Matt M.** is partnered with **Roberto M.**
- **Chase P.** is partnered with **Jose C.**
- **Donovan A.** gives his activity to **Jalen B.** who gives his activity to **Meagan B.** who gives her activity to **Donovan A.**

You will be graded based on the rubric: **Partner Up Activity Rubric.**

This activity has two parts:

### **On your own:**

- Write a balanced chemical equation. You will either search for a chemical equation online or write one on your own.
- Write a basic stoichiometry problem, either mass to mole or mole to mass, for the chemical equation. Use your creativity and apply your problem to a **real life situation.**
- Solve the stoichiometry problem that you wrote on a separate document. Make sure to use proper dimensional analysis and unit cancellation.
- You have been invited to a new discussion board, where you will find a discussion post already created for each partner group.

### **With your partner pairing/group:**

- Click reply to the correct partner group and post your stoichiometry problem. Your partner will post their problem as well.
- Next, solve your partner's problem that they created. Click reply to your partner's problem and either post your work in the forum or post an image of your work completed on paper.
- Once your partner has solved your problem and posted their work, compare and contrast their dimensional analysis and answer to yours.
- Reply in the forum and discuss how their work matches up or differs from your own work. Did you both have the same answer? If not, what is different and what might you need to change in your problem solving?
- Share any difficulties that you had when writing or solving the stoichiometry problem.
- Share any tips that you found helpful when solving the stoichiometry problem.