April 1, 2020 Honors Chemistry Running Start

Good morning Period 8! We’ve finally made it out of March! And nobody mentioned that I forgot to change the date for like, three days!

Today we continue our unit on gas laws. A couple reminders:

-When I give you worksheets with answers, you don’t need to turn them in. They are for practice, and they are just for you to determine if you understand the concept.

-The end of the gas laws unit will look a lot like the Lewis Structures & VSEPR unit—the assessment will be a problem set for you to complete.

-The tentative schedule for the rest of the unit:

Tuesday, March 31st: Effusion/diffusion

Wednesday, April 1st – Thursday, April 2nd: Molar Volume lab (due Friday)

Friday, April 3rd : Review & Practice day; RS only problem set due by 9 pm; Assessment Problems

posted at 9 pm

Monday April 6th – Tuesday, April 7th: Work on Assessment Problems; Due on Tuesday the 7th.

I have a tentative schedule for what material we will cover between now and April 24th, so rest assured that I have a plan!

Your lesson for today:

1. Read the “Molar Volume” lab handout, available on the Remote Learning page or the Gas Laws page. Complete the pre-lab assignment. This does **not** have to be done in your lab notebook.
2. Join the Zoom session at 9 am on Wednesday to hear my prelab lecture on the Molar Volume lab. On Thursday during Zoom time, I can go over this information again, or I will be answering questions about the lab.
3. Lab data is available on the Remote Learning page or Gas Laws page. Please make note that the data is assigned **alphabetically by last name**. If you are unable to locate the data, send me an email.
4. If you are unable to make the Zoom session, please watch the “Molar Volume Lab” video posted to PSL under the Gas Laws subpage, or on the Remote Learning page. If you are unsure if the video covers everything, feel free to ask me.
5. All prelab questions, and post lab calculations and questions will be due on Friday.

One note about the video—they do not use a rubber stopper to plug their gas collection tube (eudiometer), but we would. The rubber stopper is to help keep everything from falling out when it is tipped over, and to keep the magnesium in the eudiometer. There has to be a hole in the stopper so that when the water in the eudiometer is displaced by the gas, it has an avenue of escape.

Zoom information through April 6th:

Sara Campbell is inviting you to a scheduled Zoom meeting.

Topic: Honors Chemistry Gas Laws

Join Zoom Meeting

https://us04web.zoom.us/j/715788868?pwd=djRtMHI1WmptYU4wZVBwV0ZGTVBCZz09

Meeting ID: 715 788 868

Password: 998139