

Chemistry-Remote Practice Calendar

<u>Progression</u>	<u>Topics</u>	<u>Practice</u>	<u>Resources</u>
Week 1: 4/1 - 4/3			
4/1 Day 1	<i>Welcome Back! I hope that everyone has had a nice break and that you are all excited to access chemistry resources and continue practicing remotely. These first days we have designed as review and continued practice of conversions between mass, moles, particles, and other chemical quantities (Chapter 10). If you have already mastered a resource in these first couple days, feel free to move on to the next one posted.</i> <i>I have created a google form for you to fill out today to help inform me of your remote access capabilities or limitations, as well as to help us re-connect.</i>	☐ Google Form "Check In" ☐ Evaluating Sources 10 Steps ☐ Examples and Worksheet (on classroom)	
4/2 Day 2	<i>Link chemistry to current events</i>	☐ Find 1 article about a chemical aspects of COVID-19 pandemic (Ex: disinfectant effect on virus, treating a virus with medicine, effect of pandemic on atmospheric chemistry, etc.) ☐ Write summary and evaluate using the 10 steps	

4/3 Day 3	<i>Link chemistry to current events</i>	☐ Find 2nd article about a chemical aspects of COVID-19 pandemic (Ex: disinfectant effect on virus, treating a virus with medicine, effect of pandemic on atmospheric chemistry, etc.) ☐ Write summary and evaluate using the 10 steps	
Week 2: 4/6 - 4/10			
4/6 Day 4		☐ Set up Interactive Notebook (make a copy of the template on classroom) - fill out the cover page and start table of contents on slide 2 ☐ Research a question you have on COVID-19. Put your question, answer, and source URL on slide 3	
4/7 Day 5		☐ Worksheet 10.1 - take a picture of your work and put in your interactive notebook on slide 4	
4/8 Day 6		☐ Watch the video lesson on conversion factors and specifically understanding molar volume of a gas. Start working on worksheet 10.2 problems.	
4/9 Day 7		☐ Finish worksheet 10.2 problems and post the picture on slide 5 of the interactive notebook.	
4/10 Day 8		☐ Modern chemistry extra conversion practice problems p. 87 #17-18 and p. 88 #21-23 .	Answer Key: Copy of Modern p.87-88 (17-23, 32, 33).pdf (will be linked later)

		When finished, take a photo of your work and post it on slides 6-7 in your interactive notebook.	
4/13-4/18			
B: Mon 4/13 A: Tues 4/14		☐ Welcome back video ☐ Reminder to set up Interactive Notebook (See Day 4, above, or the Day 4 post on classroom from 4/6) ☐ Mole lab recap: When finished, take a photo of your work and post it on slide 8 in your interactive notebook. ☐ Optional Chemistry Online Learning Practice	Optional Online practice slides: https://docs.google.com/presentation/d/1Bjql7Mq1PJUfdk5NuwxQnIPCEGd2DvGeuxKVA8n5rGM/edit?usp=sharing Tutorial for optional practice: https://drive.google.com/file/d/1JM3zxEvY0nBXD2pZBZGEykOI4EjBzX6n/view?usp=sharing
B: Wed 4/15 A: Thurs 4/16		☐ Watch Molar Volume video ☐ Conceptual Understanding of a Mole ☐ Practice problems from 10.2: questions 16-23. <i>When finished, take a photo of your work and post it on slide 9 in your interactive notebook.</i> ☐ Share rubric ☐ Optional Practice and Feedback	Molar Volume conversions tutorial: https://drive.google.com/file/d/14wb-PKHI_iKBNAayGvdmdU2CwGSuA720/view?usp=sharing Conceptual understanding of a mole: https://drive.google.com/file/d/1t8AcByGfsCKLMS0viLGddGyeRLvB59y6/view?usp=sharing
4/20-4/25			
B: Mon 4/20 A: Tues 4/21		☐ read/outline 10.3 <i>When finished, take a photo of your work and post it on slide 10 in your interactive notebook.</i> ☐ Optional Practice and Feedback	Warm-up video: https://drive.google.com/file/d/1QUMfgmDwyVSeGkLXbEuxYNfkGE7clN6A/view?usp=sharing
B: Wed 4/22		Note: work from last week will be checked off at 8am today! Please have	

A: Thurs 4/23		it uploaded to your Interactive Notebook Slides! ❑ Watch video of Mole Lab Recap video and notes, 10.2 question solutions video and notes ❑ Empirical Formula Lecture ❑ 10.3 (questions 36-39) <i>When finished, take a photo of your work and post it on slide 11 in your interactive notebook.</i> ❑ Practice and Feedback	
4/27-5/1			
B: Fri 4/25 A: Mon 4/27		❑ 10.1-10.2 Check in ❑ Empirical/Molecular Practice: page 315 (questions 67-69, 66) <i>When finished, take a photo of your work and post it on slide 12 in your interactive notebook.</i> ❑ Practice and Feedback	Empirical/Molecular formula lesson link: https://drive.google.com/file/d/1xKO5rcEC8-MGI7bAZFOzyuc3e-0rwKo4/view?usp=sharing Syring @ 2 on Mondays: Sig Figs Review
B: Tue 4/28 A: Wed 4/29		❑ 11.1 Read and take Notes - <i>When finished, take a photo of your work and post it on slide 13 in your interactive notebook.</i> ❑ Practice and Feedback	Syring @9:30 on Tues - office hours Martins @ 11 on Wednesdays: office hours (Empirical Formula practice problems)
B: Thur 4/30 A: Fri 5/1		❑ Practice Problems 11.1 (3-6) ❑ Weekly Check In Form ❑ Practice and Feedback	Martins @11 on Thurs - Writing/Balancing Rxn
5/4-5/8			
B: Mon 5/4 A: Tue 5/5		❑ Practice worksheet (only parts a-m) - <i>When finished, take a photo of your work and post it on slide 15 in your interactive notebook.</i>	Syring @4 on Monday: ID types of reactions Syring @9:30 on Tues - office hours

		- Solutions for page 315 (67-69) video - Solutions of 11.1 (3-6) - video and photo 3-4 and 5-6 - Solutions for Molar Conversions Practice Shorty (10.1-10.2)	
B: Wed 5/6 A: Thurs 5/7		❑ 11.2 ID Types of reactions read/notes - <i>When finished, take a photo of your work and post it on slide 16 in your interactive notebook.</i> ❑ Week 5.4-5.7 Check In	Martins @11 on Wednesday: go through examples to balancing worksheet Martins @11 on Thurs - office hours
B: Fri 5/8 A: Mon 5/11		❑ Classifying reaction examples (n-z) - <i>When finished, take a photo of your work and post it on slide 15 in your interactive notebook (along with the rest of this worksheet).</i>	
5/11-5/15			
B: Tues 5/12 A: Wed 5/13	Identifying Types of Reactions	❑ Practice problems 11.2 (13-16) <i>When finished, take a photo of your work and post it on slide 17 in your interactive notebook.</i> ❑ Classify a-m on last week's worksheet <i>When finished, take a photo of your work and add it to slide 15 in your interactive notebook.</i> Solutions for balancing worksheet	Syring @3 on Monday: Example video of writing, classifying and balancing equation given word description from the Online Chemistry Learning Practice slide 13 Syring @9:30 on Tues: office hours by request
B: Thur 5/14 A: Fri 5/15	Identifying Types of Reactions	❑ Practice problems 11.2 (17-21) <i>When finished, take a photo of</i>	Martins @11 on Wednesday: using types to predict products Martins @11 on Thurs: office hours by request

		<i>your work and add it to slide 17 in your interactive notebook.</i> ❑ Weekly Check in Form	
5/18-5/22			
B: Mon 5/18 A: Tues 5/19		❑ Catch up on watching lecture videos: 2 were posted last week - Syring's video from last Monday, and Martins's video from last Wednesday ❑ Check solutions from last week: Solutions for 11.2 (13-16) Solutions for 11.2 (17-21) Balancing Equations worksheet	Syring: office hours by request on Tuesday at 9a Martins: office hours by request on Wednesday at 11a
B: Wed 5/20 A: Thurs 5/21		❑ Lab Part 1 & 2 <i>When finished, take a photo of your observations and conclusion questions from each part, and add it to slide 18 in your interactive notebook.</i> ❑ Weekly Check In	
5/26-5/29			
B: Fri 5/22 A: Tues 5/26		❑ Lab Part 3-5 <i>When finished, take a photo of your observations and conclusion questions from each part, and add it to slide 19 in your interactive notebook.</i>	Optional Review Video: Identifying ionic and covalent compounds
B: Wed 5/27 A: Thurs 5/28		❑ Read and outline 12.1 - slide 20 ❑ Weekly check in/ shorty	❑ Chemistry Helper - there is a reference (stoichiometry box) that is a great resource to use for chapter 12.

6/1-6/5			
B: Fri 5/29 A: Mon 6/1		❑ Lab Correction/Reflection - slide 21 ❑ Pg 357 analysis (see Chemistry Online Learning Practice slide 17)	
B: Tues 6/2 A: Wed 6/3		❑ Mole Ratio POGIL (turn in extension questions) - slide 22	
B: Thurs 6/4 A: Fri 6/5		❑ 12.2 read/outline - slide 23	Optional: Find the stoichiometry box on your chemistry helper and then watch the video explanation of how chapter 12 expands on the molar conversions from chapter 10 by using a balanced chemical equation.
6/8-6/11			
B: Mon 6/8 A: Tues 6/9		Limiting Reactant POGIL - slide 24	Mole Ratio POGIL Key pg 1-4 Mole Ratio POGIL Key Extension
B: Wed 6/10 A: Thurs 6/11		Final Assessment: MicroMole Rocket Lab Evaluation (check in form)	12.2-12.3 Practice Problems (See Online Chemistry Practice Slides)