

Free Response Review Assignment

Directions: You (and your partner) will create 2 videos explaining answers to specific AP questions (outlined below). Research your question (easiest thing to do is google "AP chemistry 20_ _ Question _") and try to answer it. You may choose to print out the answer key given by College Board or write your own using that key. Then video record yourself answer the question (no faces- hands and paper/computer only). The easiest way to do this is prop up your phone and just speak into it while uncovering answers as you go but you can choose to do something with more production value if you would like to (such as create a PowerPoint of the answers like I do in my videos and screen record). **You will also design a "check for understanding" question for your AP question.** This will be a follow up question for someone who practiced the problem, watched your explanation, and wants to be sure they understand the information.

The video will be posted for our class to Canvas via EDpuzzle with a Check for understanding question. **If I used your question, you will obtain bonus points.** Be sure to include all of the parts of the project outlined in the rubric below. Email the video and question to chemisme@gmail.com or share it via google drive by _____

After all submissions are obtained, the videos will be posted on EDpuzzle along with the questions. You should try the FRQ by googling the question number and then check your work on the questions to review. On EDpuzzle, you will critique each other's videos with questions at the end of the video. These videos will count as homework credit if the video is watched to completion and questions are answered correctly and thoughtfully. Late projects will lose points and the project will count as two quizzes in quarter 3 (one quiz per video created). See rubric below.

Required	Points	Self-Check
Define vocabulary words used in the question and your answers	10	
Explain how you know which equations are needed to solve mathematical problems	10	
Explain how you know which numbers to plug in for each variable	10	
Explain any unit conversions and why/how you needed to convert them	10	
Explanations are clear and understandable; in student language	20	
Writing/typing is clear and visible in the video	10	
Video is less than 20 min for long questions and less than 7 min for short questions	10	
EDpuzzle check your understanding question is submitted	20	

Question	Assigned	Question	Assigned	Question	Assigned
2019 # 1, 4		2017 # 1, 4		2015 # 1, 4	
2019 # 2, 5		2017 # 2, 5		2015 # 2, 5	
2019 # 3, 6		2017 # 3, 6		2015 # 3, 6	
2018 # 1, 4		2016 # 1, 4		2014# 1, 4	
2018 # 2, 5		2016 # 2, 5		2014 # 2, 5	
2018 # 3, 6		2016 # 3, 6		2014 # 3, 6	
2019 # 7		2017 # 7		2015 # 7	
2018 # 7		2016 # 7		2014 # 7	