

## **Guide to Write-ups and Reflections for Honors Content Contemplation**

Content Contemplation is going to be a focal point of our honors curriculum this semester and something to take very seriously. They are intended to expose you to more rigorous and challenge mathematical, with the hope of preparing you for STEM field courses in college. As you will discover, these problem sets will take more time than the classwork and will need to be given careful consideration and time!

The content contemplation work will also give you the chance to write up about your thorough understanding of the topic and where you see the different curriculum being taught. You will be expected to fully and completely explain your work through these sets, in a way that can be understood by your teacher and peers.

*The Write-ups and reflections for Content Contemplation follow the following outline:*

1. Content Overview
2. Compare/Contrast
3. Solution Set
4. Self-assessment and reflection

Expectations for each of these sections are provided below.

### **1. Content Overview**

This is your opportunity to THOROUGHLY describe the content in the unit and explain it in your own words. You will need to detail all of the important parts and things that you think were vital in the study of this topic. Your description should be clear enough that someone unfamiliar with the topic could understand what you are describing. If visuals are necessary, you may recreate or borrow sources digitally. (This is not a section to just copyright and write what was said in the book).

### **2. Compare/Contrast**

How is the resource provided different than the work we did in class? What parts are the same as the work we did in class? This is your opportunity to give a visual or written representation of how the work compares and contrasts with the classwork. Please be very specific and describe what strategy was most helpful in you learning the topic.

### **3. Solution Set**

State your solutions as clearly as you possibly can. You must show the necessary work for each problem. If you only obtained a partial solution, GIVE THAT! Be sure to write your explanations in a way that will be convincing to someone else.

### **4. Self-Assessment and Reflection**

Highlight the problem that was most difficult for you and how you overcame that problem. Highlight the problem that seemed the most intuitive for you.

In addition to reflecting on what you learned, take a moment to reflect what strategies you used to be successful that would transcend into your college work.

### **Grading:**

Your grade for the content contemplation will be based on the correctness of your solution and your detailed write-up of this process.

1. Be typed and submitted on the deadline.
2. Explicitly use the section headings, as described above.
3. Include responses to all prompts, as outlined above.
4. Be clear and understandable.
5. Be thorough and display work throughout the process of solving the problems.
6. Use proper English grammar.