

Logic Portfolio

By the end of the semester, you will maintain, design, and uphold a logic portfolio. The idea is to observe your own progress of logical thought as we continue throughout the remainder of the year, while having a bit of fun.

You will be required to obtain a //™” 3-hole binder to collect all of you samples.

This portfolio will be graded on three important factors:

- COLLECTION OF WEEKLY LOGIC PUZZLES

Every Friday, you will receive a set of logic puzzles and/or brain teasers. Hang on to all of them so that you may use them as a reference to help on the next week’s logic challenge. Besides, you’ll have to turn them all in with your portfolio.

- JOURNAL ENTRIES

Journal entries are designed to provide you with reflection about yourself. This is your opportunity to identify your strengths and/or weaknesses in solving these types of logic problems. (i.e., If you are having difficulties, what portion of the problem stumps you? If you are not having difficulties, what tips could you give someone else that could help them solve these sorts of puzzles?) As the project continues, these entries will hopefully progress to verify whether or not your weaknesses are improving and/or goals are being met. The focus will be on logic problems but you may also address problems in content, which you may run across during class. You will be asked to make an entry into this journal every other week.

- CREATE-A-LOGIC

Towards the end of the semester, you may want to begin designing your own logic puzzle. More points will be given for more challenging puzzles. After you have successfully created a logic puzzle, be sure to type it out, give its solutions, and then bring 3 copies for peer evaluation.

PORTFOLIO DUE DATE:

2 days before end of classes

Logic Portfolio
to the teacher

First journal entry:

Have students write on:

- _ difficulties - what portions of the puzzle causes problems?
- _ ease - what tips could be given to someone else to help them solve these sorts of puzzles?
- _ In reference to these logic puzzles, devise a goal that you would like to accomplish by the end of the year.
- _ Devise a goal that would be a long term goal that relates to these sorts of puzzles.

Share journal with one other person:

- _ Have this person give you advice.
- _ Devise a strategy to reach your goals.
- _ Write these in your journal.

Journal entries throughout:

Have students write on:

- _ strengths and weaknesses about the content in class
- _ strengths and weaknesses about solving problems for each chapter
- _ are there similarities between the problems you have on logic puzzles and the problems you have in solving questions in class?

Final journal entry:

Have students write on:

- _ Read over your first journal entry. What problems did you have that you no longer have now? Did you reach your goal? Why or why not?
- _ Explain your likes and dislikes of designing your own logic puzzles?
- _ What would you suggest changing for next year?