

Spreadsheet Project

General Information

Course: Math Academy 1

Chapter: six

Due: Thursday, February 20

Points: 30

Group Size: 1 or 2 people

Format: spreadsheet

Summary: Create a spreadsheet with a purpose.

Bonus: The spreadsheet is used to make someone else's life easier, and your demonstration is presented to the class.

Directions

1. Choose a real or hypothetical scenario that could be improved upon with the use of a spreadsheet.
2. Create a new spreadsheet.
3. On the main sheet or on a separate summary sheet, write a sentence or two summarizing the functionality of the spreadsheet. This should be a pitch to convey how useful your spreadsheet is.
4. Set up the outline of your spreadsheet.
5. Enter some real or hypothetical data for testing purposes.
6. Code the formulas.
7. Enhance the spreadsheet with visual features such as graphs or conditional formatting.
8. Give a brief demonstration (under three minutes) on how to use your spreadsheet.

[A] Content: _____ / 20

- 2** The criterion is clearly met.
- 1** The criterion is addressed to a meaningful but limited extent.
- 0** The criterion is not addressed in a meaningful way.

1 2

- The spreadsheet has useful functionality.
- The spreadsheet makes use of advanced functions such as `sumif`, `vlookup`, or `query`.
- The spreadsheet is free from bugs.
- The spreadsheet achieves its intended purpose in general.
- The spreadsheet provides an advantage over how the task would otherwise be done.
- The spreadsheet makes use of visual features such as conditional formatting or graphs.
- The visual features used add to the effectiveness of the spreadsheet.
- The directions are clear.
- The presentation conveys that the spreadsheet is of value.
- The presentation is under three minutes.

[B] Presentation: _____ / 10

- 3** The project is impressive in this aspect, and it appears carefully planned and created.
- 2** The project is reasonable in this aspect.
- 1** The project looks like it was done in a hurry in this aspect.
- 0** The project is difficult to follow because of this aspect.

1 2 3

- The spreadsheet is well organized.
- The spreadsheet is attractive.
- The spreadsheet uses color effectively.
- All directions are followed.

[C] Bonus: _____ / 0

- +5%** This aspect is true to a meaningful but limited extent.
- +10%** Your work is exemplary in this aspect.

5 10

- You show an understanding of the concepts explored.
- The goal has been achieved.
- The final product is impressive.