

Spreadsheet Project

General Information

Course: Math Academy I

Chapter: eight

Assigned: Monday, April 10

Due: Friday, April 21

Points: 40

Group Size: 1 or 2 people

Format: spreadsheet file

Summary: Create a spreadsheet with a purpose.

Bonus: For up to +40%, create a spreadsheet that makes someone else's life easier.

Directions

1. Choose a real or hypothetical scenario that could be improved upon with the use of a spreadsheet.
2. Create a new spreadsheet, and title it "Project 8 _____", putting your name(s) in the blank.
3. In complete sentences on a separate sheet in your file, type exactly what you intend to accomplish with your spreadsheet. Do this today, but change it as often as you want.
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 conditional formatting.
8. On the same page or on a directions page, type clear directions to explain how the spreadsheet is used.
9. Share the spreadsheet with ewyner@scottsvalleyusd.org.

Scoring

[A] The spreadsheet is useful and is not simple.

- 10 The spreadsheet serves a valuable purpose in a realistic context, and it makes effective use of powerful functions such as vlookup or sumif.
- 8-9 The spreadsheet has a reasonable purpose, and it makes use of some advanced features.
- 5-7 The spreadsheet has a purpose, but it does not provide a significant advantage over other methods.
- 1-4 The spreadsheet is not useful.

[B] The spreadsheet works and is easy to use.

- 10 The spreadsheet functions exactly as intended, and its intuitive design and clear directions make it easy to use immediately, without additional explanation.
- 8-9 The spreadsheet is fairly easy to use, and any bugs or limitations are minor and do not prevent use of the spreadsheet.
- 5-7 The spreadsheet has significant bugs or needs to be explained in person.
- 1-4 The spreadsheet is too buggy to be worth using.

[X] All steps are completed.

- 10 All stated directions are followed.
- 1-9 One or more aspects of the project is omitted or incomplete.

[Y] The final product is attractive.

- 10 The spreadsheet is neat, colorful, and attractive.
- 1-9 The aesthetic quality of the spreadsheet is not superior.