

Math 320
Spring 04

Scoring Guides for Projects

For each project, we will negotiate a scoring guide. To begin, please propose the first draft of your scoring guide (email to me by Tuesday December 7; one per group). Drafting a scoring guide will give you practice in designing a rubric and will help you think about what a doing a good job on this project means for your group. I will help you modify your scoring guide if I see things you might have missed or if something looks off.

Here are some guidelines:

1) Start thinking about what constitutes a Level 4 and a Level 3 project. A Level 4 project is an “excellent,” grade A project. A Level 3 project is a “good,” grade B project. What do you need to reach level 3? What extra would help you reach level 4?

2) In designing Levels 3 and 4, you should consider the following things:

- What math content will you learn?
- How will you demonstrate this learning?
- What qualities will be present in your final presentation?
- Be sure to write the descriptions so they parallel each other in some ways.

3) After you’ve designed Levels 3 and 4, think about Level 5. What might you do to make your project exceptional, beyond excellent, A+?

4) Now think about Level 2. What would constitute a “fair” project?

Below is a sample rubric from a past student project in the course (this one is a little sparse, feel free to write more):

Level 5: Make several models, clearly explaining their symmetries; attractive poster presentation; makes one of the stellation models that there wasn't a kit for, also explaining its symmetries

Level 4: Make several (2 or more) of the models, clearly explaining their symmetries; attractive poster presentation

Level 3: Make 1 of the models, clearly explaining their symmetries; attractive poster presentation

Level 2: Make 1 of the models, somewhat explaining their symmetries; somewhat attractive poster presentation

Level 1: Attempt to make 1 of the models, attempting to explain their symmetries, but not doing it too well; has a poster, but isn't very clear or attractive

Copyright 2005, Debra K. Borkovitz. You may copy or edit this material for non-profit, educational use only.