

Math 480 Presentation 1: Outline

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This presentation is divided into three sections. I will introduce the topic of, "Why I chose Math as my major?" as the subject of my presentation. In this introduction I will briefly explain how my personal experience is related to the topic of section 1. The objective of this presentation will be to explain how I came to chose math based on the topics discussed in sections two and three, ("The reasons I love math", "How can math be used for good"). In conclusion, I will briefly discuss some of my more immediate individual goals as a potential math major. Below is an outline of my primary talking points.

1 Why I choose Math as my major:

1.1 Reason:I want to help people

- Life is just better when you do
- I have had many good teachers/mentors

1.2 Reason:I want to learn

- Learning makes me feel alive
- Learning is the first step to teaching

2 What do I love about mathematics:

2.1 I like challenging problems: Math can be a puzzle/game

- Math provides a means to solve challenging problems.
- Math provides a means to imagine new problems.

2.2 I like to have choices: Math branches into many fields

- Math can be used to interpret other fields of knowledge
- Math can be used to develop new fields of knowledge

2.3 I don't like making decisions: Math can model systems

- Math can be used to structure or organize data="knowledge/experience"
- Math can be used to analyze complex systems

3 How mathematics be used for good?

3.1 Example: Math and Education

- Math is a tool to develop critical thinking
- Math is a way to evaluate curriculum/teaching methods

3.2 Example: Math in Government

- Math is a way to provide feedback for government services
- Math is a way to provide strategic analysis for governments

3.3 Example: Math in Technology/Science

- Math provides the tools to tech innovation
- Math is a platform to imagine and create