

Who invented Calculus?

Fall 2009

There has been great controversy over the years as to who is the real inventor of Calculus. This controversy may soon come to an end with your help. You will be asked to research the controversy and then choose who you believe invented Calculus. Then teams will be formed and a debate will be planned to finally put the controversy to an end.

Part 1 – Individual Research

Quick Look:

1. Come up with who you think are the top 5 contenders for the crown of Inventor of Calculus

In Depth Look: Develop a briefing/point paper to include the following information:

1. 5 reasons why _____ is the true inventor of Calculus
2. 5 reasons why _____ is the true inventor of Calculus
3. 5 reasons why _____ is the true inventor of Calculus
4. 5 reasons why _____ is not the inventor of Calculus
5. 5 reasons why _____ is not the inventor of Calculus
6. 5 reasons why _____ is not the inventor of Calculus

List your supporting documentation for each reason along with your source.

Part 2 – Team Presentation

Develop a briefing using PowerPoint to include the following information:

1. 10 reasons why your contender is the true inventor of Calculus
2. 10 reasons why others are not the inventors of Calculus
3. A timeline of the important dates in this debate
4. Documentation of your sources

Part 3 – Debate – each member of the debate team must present some type of evidence

Day 1

10 minutes for presentation of claim for _____
10 minutes for presentation of claim for _____
10 minutes for presentation of claim for _____
5 minutes for rebuttal for _____
5 minutes for rebuttal for _____
5 minutes for rebuttal for _____

Day 2

15 minutes for questions by panel
5 minutes for voting
10 minutes for final decision by panel

****A panel will decide who is the “Inventor of Calculus.”****

Timeline

_____ : Project Introduction
_____ : Quick Look
_____ : In Depth Look briefing due, Teams formed and debate preparation begins
_____ : PowerPoint brief due to Mr. Duhrkopf
_____ : Debate Days!

Grading

Part 1: 50 pts
Part 2: 50 pts
Part 3: 25 pts

Extra credit may be given for being selected as the “Inventor of Calculus” for the whole group