

Historical Project

Draw the name of your mathematician from the “Envelope of Doom.”

Write a short report (2 pages, 3 or more references) covering the following topics. Be sure to use correct grammar, etc. Do not just copy from Wikipedia! Be very careful of plagiarism.

- What was the state of mathematical knowledge in the world your mathematician was born into?
- When and where did they live?
- What effect did the culture and events of the time have on them and their work?
- What did they do mathematically?
- What interesting other things did they do?
- What impact did they have on the state of mathematical knowledge after them?

Prepare a short demonstration using some technology, manipulatives, etc as appropriate to illustrate their major work. Your demonstration should be accessible to middle school or high school students at the appropriate level.

Each group will submit their written report to me, orally present their report (5 minutes) to the class and present their demonstration (5 minutes) to the class.

Historical Project Grading Rubric

	Above Standards	Meets Standards	Below Standards	Unacceptable	Score	Out of
Oral Presentation	Exceptionally engaging presentation (21 points)	Addresses the context questions (17 points)	Lack of creativity (9 points)	Poor quality work (0-4 points)		25
Demonstration to illustrate contributions	Well designed and related demonstration (15 points)	Designed and related demonstration (8 points)	Poorly designed or unrelated demonstration (5 points)	Poorly designed and unrelated demonstration (0-5 points)		25
Essay Grammar, Spelling, & Punctuation	No errors in grammar or spelling. (10 points)	1-2 errors in grammar or spelling. (6 points)	3-4 errors in grammar or spelling. (2 points)	More than 4 errors in grammar or spelling. (0 points)		15
Style	All sentences are exceptionally well-written. (6 points)	Most sentences are well-written. (5 points)	3-4 sentences are poorly written. (1 points)	More than 4 sentences are poorly written. (0 points)		10
Thoughtfulness and Completeness of Essay	All required items discussed and very insightful (22 points)	All required items discussed thoughtfully in at least 2 full pages. (17 points)	Missing two or more elements and at least 1 ½ pages or content weak (7 points)	Missing two or more elements and less than 1 ½ pages or content very weak (0-5 points)		25