

Mathematics History Project

I. List of mathematicians – 10 points

The student is to prepare a list of mathematicians. Following the name of the mathematician, a sentence outlining the contributions to mathematics of the individual is to be included.

The list is to be double spaced using a 12-point font and Times New Roman font (if possible). Papers are to be stapled in the upper left hand corner. A cover page is to be included giving the title of the project, the class, the section, the instructor, the date, and the student's name.

Names of some mathematicians can be found in the textbook with diligent and careful search. Additional names can be found from reference books and the internet.

The final page is the student's list of their top 5 choices in ranked format. These choices represent the student's top selections of mathematicians for which a report and speech will be prepared.

The instructor will announce the due date for this list.

II. Research Paper on Mathematician

The instructor will select a mathematician from the student's submitted list and will announce the due date for the paper.

The paper is to be a minimum of 3 to 4 pages of content that is double-spaced with a 12-point font. It will also have a cover page. In addition to the content pages and the cover page, it will also have a bibliography page.

All quotes and information must be cited accurately and correctly. Merely listing sources in a bibliography page is unacceptable. In the text content itself, the idea or quote must be cited. Failure to do so will result in failure of the project.

At least 3 different sources are to be used. At least two of these sources are to be sources other than the Internet. The library has several reference books available, and other sources are available. The textbook will not serve as one of the sources.

Purpose: To discover the lives that was led by men and women who developed mathematical ideas. It is important to focus on the networks of communications that were developed between many of these people. The student should examine the background and living conditions of the mathematicians. The student should examine what drove these scholars and other interests they may have had. The student should explore the most outstanding aspects of the person researched. The student is to not explore mathematical ideas that they do not understand. The student should make note of the time period in which the mathematician made their contributions, and what else was happening from a historical vantage point.

Grading:	Content	10
	Sources	4
	Cover Page	1
	Punctuation	3
	Grammar/Spelling	4
	Reading/writing check	4
	<u>Originality</u>	<u>4</u>
		30 points maximum

Do not have run together sentences, contractions and the impersonal you or your. Examples: can't, don't, isn't, etc.

The student should have the reading writing center review the document and make suggestions. The form the student receives is to be attached to the last page of the paper.

Be sure to use garnishment. Do not submit in plastic folders.

III. Speech

The student is to prepare a two- three minute speech regarding their mathematician. The instructor will announce the date of the speech.

The student is to prepare notes for the speech on cards – not use papers.

The student should include the following:

- Opening statement

- Name of mathematician written on board.

- Time period in which mathematician lived

- Outstanding contributions to mathematics of the individual

- Personality traits making the mathematician “human”

- Closing statement

- Typed question about mathematician (with student’s name) submitted to instructor.

- Note card(s) for speech to be submitted to instructor (with student’s name)

- Extra – handouts for students with more details.

10 points

It is highly suggested that the student practice the speech to make sure the content is presented in the time allowed. Furthermore, the opening and closing statements need to be polished and given well.

Mathematics Paper Checklist

- ❑ Title page.
- ❑ Minimum of 3 to 4 pages of actual content.
- ❑ A bibliography page following correct methodologies.
- ❑ Papers stapled – not in a folder.
- ❑ 12-point font.
- ❑ Times New Roman font (if possible).
- ❑ Double-spaced.
- ❑ Correct spelling (three misspellings could mean failure).
- ❑ Accurate mathematical content.
- ❑ All sources cited with appropriate documentation - failure to do this will result in an automatic Failure – Be very careful of this.
- ❑ No use of contractions.
- ❑ No use of the impersonal you or your.
- ❑ The paper should represent college level writing and thinking.
- ❑ Any evidence of plagiarism will result in an automatic zero for the exercise. (Note: there are Internet sources that can be used to check for Internet plagiarism and are used by the faculty).
- ❑ Use of the Internet for research needs to be done carefully and correctly. Many Internet sources are not considered “scholarly” sources.
- ❑ Checked by Reading Writing center.

