Name(s): _____

Math Research Project

You will research and give a presentation on a historical event or an area of interest involving mathematics. You have a long time to work on this project. Use your time wisely. You will lose marks if it appears your project was done the night before it was due.

A. **The Topic**
There is a pretty good list of topics on pages 277 to 278 of the Foundations 11 workbook. However, you are welcome to research something *other* than what is on the list. Just make sure that you check with me once you have chosen a topic. I want to make sure that: (1) not everyone is doing the same project; (2) your project is related to mathematics in some way. By the way, if you get authentically interested in something as you are doing your research and want to focus your project on a smaller topic… go for it! Ideally, you are going to be studying something that you enjoy.

B. **The Group**
To be honest, I think the majority of these topics are more than suitable for a single person. If you do choose to do this project with a partner (no groups of 3 or more!) I will be holding you to a (slightly) higher standard. The final result should be of high quality – there are two of you working on it after all! Also, I will require a short write-up when you submit your project that describes the contributions of both group members. You both should sign this write-up to indicate that you are in agreement with it.

C. **The Research**
It is up to you to find the time to work on and research this project. There will likely be days that you finish your Math homework in class with time left over. This might be a good time to work on your project. I can likely get you a spot in the computer lab during such times.

Also, this is NOT a Wikipedia "cut-and-paste-and-done" project. I will expect you to use a variety of sources to get your information. To be specific: 3 sources *other than* Wikipedia. Also, at least one of the sources needs to be other than a website on the Internet. How about a book? An encyclopedia? A magazine? A database? And don't forget to tell me what sources you used!

D. **The Format**
Your project can take one of many forms: a written report, a poster project, a video / movie, a power point, a comic strip, a dramatic screenplay, etc. There are also all sorts of amazing resources on-line you might want to use: Knovio or Sliderocket or Animoto or Prezi (turn your photos, video clips and music into video); Xtra Normal (turn your words into a 3-D animated movie); Glogster (create a digital poster with photographs, text boxes, backgrounds, embedded audio and video; ToonDoo (create your own cartoon); etc.

E. **The Presentation**
The last part of the project will involve you (yes YOU!) getting up and presenting your project to the class. You should be prepared to give an interesting, informative, and succinct presentation, whether you are acting, showing a video or just talking. Also you will be expected to answer (at least) two questions from your classmates or (horrors!) ME!!

F. **The Marks**

1. This sheet (with names) handed in with project   /1

2. At least three sources listed   /3

3. At least one non-website source used   /1

4. Information is understandable (presented in YOUR words)   /4

5. Information is clear and interesting   /4

6. Information is accurate and relevant   /3

7. Significant effort / commitment evident   /5

8. Creativity / originality of project / presentation   /5

9. Professional presentation (neat, spelling, grammar, etc) /3

10. Presentation is between 5 and 12 minutes long   /2

11. Successfully answer 2 questions from class   /2

12. *Groups only: paragraph detailing member contributions   / -2

13. **Total:**   **/33**