Carl Friedrich Gauss

The goal of the presentation is to discuss Carl Friedrich Gauss. Your presentation should include at least

- A discussion of who he is.

- A discussion of the type of polygons he was able to construct using just a compass and strait edge.

- A discussion of the fundamental theorem of algebra and how he was the first to prove it.

- A discussion his discovery of non-Euclidean geometry and how he announced his discovery.

- A discussion some of his results in astronomy.

In addition you should include at least one thing not on the above list

At the end of your presentation the class will be asked one of the following questions.

- What is the fundamental theorem of algebra?

- Gauss showed how to construct a regular polygon with which of the following number of sides (among 3, 4, 6, 17)?

- What is the parallel postulate?

A good starting point for your research is

http://en.wikipedia.org/wiki/Carl_Friedrich_Gauss

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman