

Extra Credit Opportunities

General Topics:

1. Primitive Counting
2. Early Number Systems
3. Hieratic Number System
4. Ionic Number System
5. Ancient Babylonian Number System.
6. Rhind Papyrus
7. Ancient Egyptian Mathematics
8. Ancient Greek Mathematics
9. Plimpton Tablet.
10. Pythagorean Mathematics.
11. Euclidean Mathematics
12. Non-Euclidean Geometry
13. Boolean Algebra
14. Binary Number System.
15. Base Ten Number System.
16. Hexadecimal Number System.
17. Base 60 Number System.
18. Integrated Circuits.
19. Linear Vectors.
20. Algebra
21. Calculus
22. Imaginary Numbers
23. Sequences
24. *Other topics will be added at a later date.*

Famous Mathematicians Topics:

1. Lovelace
2. Banneker
3. Archimedes
4. Babbage
5. Descartes
6. Fibonacci
7. Pascal
8. Pythagoras
9. Newton
10. *Many others are listed on the website: <http://www.famousmathematician.com/>*

Listed below are the different levels of extra credit and their point values:

5 – 15 points: (each of these will be awarded 5 points each or 15 points for both)

1. Students will produce a posterboard containing information on approved topics.

2. Student will produce a hand written 1-page report on approved topics. (must be a minimum of one page front and back). **Paper must come with a works cited or source of information page.*

25 points:

1. Student will produce a posterboard and a ***typed*** 2-page (minimum) research paper on approved topics in a plastic report cover. Paper should be double spaced and have standard 1-inch margins when typed. **Paper must come with a works cited or source of information page.*
2. *Paper will be published on school website.*

30 Points:

1. Student will produce a posterboard and a ***typed*** 2-page (minimum) research paper on approved topics. Paper should be double spaced and have standard 1-inch margins when typed. **Paper must come with a works cited or source of information page.*
2. Student will do a 5-10 minute in class presentation of materials.
3. *Paper will be published on school website.*

50 points:

1. Student will produce a posterboard and a ***typed*** 5-page (minimum) research paper on approved topics. Paper should be double spaced and have standard 1-inch margins when typed. **Paper must come with a works cited or source of information page.*
2. Student will do a 15-20 minute in class presentation of materials.
3. *Paper will be published on school website.*

****You may use the template that is provided to you on my website page. Research papers can contain drawings, pictures, charts, tables, examples, etc... These items should be added to the end of the paper as a reference but these pages do not count toward required typed information pages.***

***Please note that Plagiarism of any form will not count toward any credits. All papers must come with a works cited or source of information page. A source of information page should contain: book titles, website addresses, etc... No credits will be given without a source page.**

Please look at this website on how to avoid Plagiarism.

<http://www.unc.edu/depts/wcweb/handouts/plagiarism.html>