

The Math Book Report & Presentation

The Math Book (Sterling Publishing, 2009. ISBN 978-1-4027-5796-9) is a book by American author Clifford A. Pickover. It contains 250 one-page articles on milestones in the history of math. Each article is followed by a related full-page color image.

Overview:

Math's infinite mysteries and beauty unfold in this follow-up to the best-selling *The Science Book*. Beginning millions of years ago with ancient "ant odometers" and moving through time to our modern-day quest for new dimensions, it covers 250 milestones in mathematical history. Among the numerous delights readers will learn about as they dip into this inviting anthology: cicada-generated prime numbers, magic squares from centuries ago, the discovery of pi and calculus, and the butterfly effect. Each topic gets a lavishly illustrated spread with stunning color art, along with formulas and concepts, fascinating facts about scientists' lives, and real-world applications of the theorems.

For this assignment, you must write a paper on a topic from *The Math Book* and give a short report on it in class. Your topic must be one that is not covered in class during the semester. You must find and use at least one other source on the topic. Cite **both** sources properly in your written version.

The library has a copy of the book, or you can browse through it before or after class or in my office. (You are also welcome to purchase a copy of the book for your own use.)

WRITTEN REPORT:

The written report will need to be more than one page but not more than two pages in length. The formatting for the report includes: **1 inch margins on all sides, double spaced, and Times New Roman 12-point font**. You must find and use at least one other source on the topic. You must include a Reference Page with your report. Written reports must be submitted in Canvas.

PRESENTATION:

A 3 – 5 minute in-class presentation is required. You need to be creative with your presentations and not just read your report. In fact, you will not have adequate time to present all aspects of your report. As part of your presentations, you are highly encouraged to have some type of visual aid. Visual aids could include but are not limited to: posters, objects, dressing in character, a power-point presentation, etc. Please be creative and have fun with your presentation.