



PZ Math: July 29 - Aug 2, 2019

# ***The Beauty of Numbers***

**Summer Camp  
Newton, MA**



*Explore, Discover, Create*



PZ Math Beauty of Numbers Camp is a one-week camp designed for middle school or high school students who want to explore the beautiful world of mathematics and numbers. Topics to be covered may include: prime numbers, number theory, Fermat's Last Theorem, infinity, logic, the Fibonacci numbers and other recurrence relations, cryptography, voting systems, fair division, logic puzzles and games, and other big questions in mathematics. We will look for patterns, make conjectures, prove those conjectures, and explore how the principles of mathematical thinking and problem solving are equally applicable to the construction of a skyscraper as the writing of a well-crafted political debate. Located at Hebrew College.

[www.pzmath.com](http://www.pzmath.com)