Possible Topics for the Report

- Collatz Conjecture, recent breakthrough by Terence Tao, $3n + 1$ or $\frac{n}{2}$
- Goldbach Conjecture, any real number >2 can be written as the sum of primes
- Twin Prime Conjecture, there are infinitely many primes 2 apart
- Riemann Hypothesis, Riemann zeta function for complex numbers, where the non-trivial zeroes are
- large cardinals – large infinities
- other stuff