Beginner Contest Math Course Syllabus

Beginner Contest Math will introduce students to math concepts common in the AMC8, Mathcounts, and other middle school competitions. Topics include Algebra, Number Theory, Geometry, and Counting and Probability. Students are encouraged to ask questions throughout the class, especially when working on difficult problems.

When does this class take place?
There will be a class every Sunday from 5 to 6 pm EST. This course will go from June 26th to August 28th (10 weeks).

Topics
Week 1: Sequences and Series
Week 2: Angles in Geometry Pt. 1
Week 3: Angles in Geometry Pt. 2
Week 4: Combinatorics Pt. 1
Week 5: Combinatorics Pt. 2
Week 6: Factorization and Divisibility
Week 7: Modular Arithmetic Pt. 1
Week 8: Modular Arithmetic Pt. 2
Week 9: Vieta's Formulas
Week 10: Factoring Polynomials