

# TechFest v2.017 Competitive Event Playbook

Competition Title: Mathematical Madness

Competition Sponsor: TBD

**Competition Summary:** Teams of up to 4 students compete collectively against the clock to solve a compilation of math challenges, varying in difficulty from basic logic to calculus problems.

**Competition Details:** Students will be given a packet of math problems at the start of the competition; they will have up to two hours to solve the problems. Students will work together on all problems. Teams must show all their work to support their answers, and may use calculators.

**School Points Awarded for Gold, Silver, Bronze:** 5,000; 3,000; 1,000

**Scoring Rubric:** The team with the highest score wins the event. Partial credit may be given on problems if work shown demonstrates students understood the math concept and made progress toward the correct answer.

**Event Hardware Required:** Notepad, Calculator

**Pre-Work Possible (not required):** Brush up on common formulas and theorems for all levels of math