

Memorandum of Agreement
Mathematics Sprint Competition
Mathematics Mentoring in a Fun Learning Environment

School name: _____

Name of Links Chapter: _____

Date: _____

Goal: To improve student mathematics attitudes and skills through the use of mathematics competition.

- School Provides

- Recognition of team winners at the school honors program
- 20 multiple choice mathematics questions from past Standardized Test
- Answers to the questions
- Access to students
- Assignment of students to groups of 3-5
- Teachers to aid in the grading

- The LINKS Chapter provides

- Team mentors
- Trophies and certificates or medals
- Scratch Paper and Pencils
- Scoring assistance
- Feedback for teachers

Students form teams of 3-5 students. They select a team name or are given a team number. That name or number must be written on each answer turned in

Students select a runner who picks up the questions, returns to their team, returns the team answer to the proctor and picks up the next question.

Team mentors do not assist in answering the questions but encourages the team to discuss the question and talk through it.

Students work collaboratively bringing their collective wisdom to bear on the problems. The team must agree on a final answer before giving the answer to the team runner.

Grading sheets are used to record team scores. The team with the highest score wins. Encourage them to try to answer each question

- Members of the winning team receive certificates.
- Several "practice sprints" are encouraged before the final competition during which trophies are awarded.
- Between the math sprint competitions teachers are encouraged to cover material for questions that all teams missed.

Competition rules

1. The problems are consecutively numbered 1 through 20.
2. All teams will begin with problem 1, then 2, then 3, etc.
3. A team receives another problem only after turning in the previous problem.
4. A team receives 1 point for each correct solution.
5. A team receives 0 points for an incorrect solution.
6. A problem turned in with no solution yields -1 points.
7. Your team name should be on each answer submitted.
8. You have 50 minutes.