

Math Bowl (MS & HS)

Math Bowl is a team event. NO calculators may be used at any time.

I. Teams

- There will be both a high school and middle school division. A middle school team is defined as a team with students from 6th to 8th grades and a high school team is defined as a team with students from 7th to 12th grades. High school students (9th through 12 grades) can only compete at the high school division level, while middle school students can compete at either the high school or middle school division level, at the school's discretion. A student can only register to compete in **one** division.
- Teams will consist of a minimum of 3 students with a maximum of 4 competing at a time.
- Teams are allowed to make substitutions between rounds.
- For an extra fee, a school may have an additional Math Bowl team as long as the first team has at least 4 players. Players cannot switch teams during that day's tournament. Team rosters will be given to the coordinator/host of the day's tournament. A school may only advance 1 team to state competition. At that point any of their students listed on their overall roster is eligible for the state team.

II. Competition

- A competition will be 3 rounds as described below. All the teams at the event will be given the same problems at the same time. Schools are not competing against just the teams in their room, but rather all the teams at the event.
- **NO calculators allowed at any time!!!**
- **Round 1: Individual Quiz**
Each student will take the same individual test. Students will have 30 minutes to complete the test. This **MUST** be done individually with no communication between students and coaches at all. Each correct answer will earn 10 points. The top 3 scores from each team will count in the overall score.
- **Round 2: Team Quiz**
The 4-student team will be given 10 problems to solve. They will have 30 minutes in which to solve the "test". The team may work together or separately to solve the problems, but only 1 answer sheet per team will be turned in. All answers will

be turned in on an “Answer Sheet” with the team’s name clearly written on it. All work must be stapled to the back of the answer sheet. Correct answers will earn 6 points for a total of 60 points. No partial credit will be given.

- **Round 3: Relay**

Each team member will be given a sheet containing 12 problems in sets of 3. After the first problem, the answer to the previous problem in the set must be used to answer each subsequent problem. Teams may work together or individually. Only 1 “Answer Sheet” will be turned in. All answers will be turned in on with the team’s name clearly written on it. All work must be stapled to the back of the answer sheet. Teams have 10 minutes to complete all problems in this round. (No bonus for finishing early.) Points are only earned if answers are correct in consecutive order.

Points earned are as follows:

2 points for the first answer correct

5 points for the first 2 answers correct

10 points for all 3 answers correct

- Break: a 10-minute break will be taken between each round. Teams may at this time substitute and coaches can talk to their students.

III. Rooms

- Hosts are to be sure that there is enough space for more than 1 team per room.
- Teams should be able to work quietly together but mindful that other teams are in the room and they could be overheard.)
- A moderator from the GICAA or a school that is not in the room will be in the room at all times.

IV. Scorers

Between Rounds the Answer Sheets will be given to the Scorers. Two teachers (from different schools) as well as a GICAA representative will “grade” the Answer Sheets. A running total of points will be kept.

V. Winner

The team with the most total points will be declared the Champion and receive a trophy. The second-place team will be declared the Runner-Up and receive the runner-up trophy. (If a

single school wins both 1st and 2nd places no Runner-Up trophy will be awarded.) This will be the same for High School and Middle School.

VI. Tiebreaker

In the event of tie between the top 2 teams, the 4th individual score will be used.

VII. Exhibition Round

After lunch an Exhibition Round between the top scoring students from Round 1 will take place in a buzzer format. Audiences will be allowed to view this match. The top 3 scorers will earn individual medals.