

UWI MATH FAIR 2023: MATH OLYMPICS COMPETITION

Guidelines for Participation.

The theme for this competition is: **Unleashing the Mathlete in YOU!**

The Math Olympics competition gives high-school students all across Trinidad and Tobago a chance to showcase their mathematical abilities in the form of a head to head competition against their peers.

- ◆ The Math Olympics Competition is open to all high-school students and consists of **TWO Sections**:
 - **Math Quiz**
 - **Math Feud**

- ◆ For the Math Quiz section, there will be three levels:
 - **Junior: (Forms 1 - 3)**
 - **Intermediate: (Forms 4 & 5)**
 - **Senior: (Forms Lower 6 & Upper 6)**

- ◆ The Math Quiz will be conducted via an online multiple-choice quiz which is open from the **9th January, 2023 at 8:00am to the 17th January, 2023 at 11:59pm**. A link for accessing the quiz will be available during this time period on the UWI Math Fair's webpage: www.uwimathfair.com under the *2023 EVENTS* section.

- ◆ This quiz will consist of 15 multiple-choice questions based on math topics corresponding to that student's respective level (form).

- ◆ Students who wish to participate in the Math Quiz only, and who are not interested in participating in the Math Feud competition should they qualify, can indicate so when filling out the *General Information* section of the quiz.

- ◆ The Math Feud will be conducted on the day of the UWI Math Fair on Thursday 9th February, 2023.

- ◆ The top 2 individuals from each level of the Math Quiz will be invited to compete in the Math Feud (only applicable to residence of Trinidad).

- ◆ An electronic Certificate of Participation will also be prepared for each participant and sent via email (e-certificate). The top 10 students in each level will receive a medal (only applicable to residence of Trinidad). Trophies will be awarded to all participants of the Math Feud competition.
- ◆ Please refer to the following table for the requirements for participating in each section:

| Math Quiz | Math Feud |
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| <ol style="list-style-type: none"> 1. The Math Quiz is an online quiz made up of 15 multiple-choice questions 2. The quiz is open to all high school students. There is no registration fee or cost for taking the quiz. 3. The quiz will be available from Monday 9th January 2023 at 8:00am (AST) to Tuesday 17th January 2023 at 11:59pm (AST). 4. Students can only attempt the quiz once. In the event of multiple entries by the same person, only their first submission will be taken. 5. Once the quiz is started, there is no time limit to answer the questions until the quiz closes on the 17th January 2023 at 11:59pm. 6. The results and each participant's score shall be released only after the Math Quiz has ended. 7. All 15 questions on the Math Quiz are not weighted equally; some | <ol style="list-style-type: none"> 1. Based on the results of the Math Quiz, the top 2 participants in each respective level will advance to the Math Feud. 2. Participants will be randomly assigned to two teams of three students where each team will contain a junior, an intermediate and a senior qualifier. The competition involves a head-to-head gameshow-style contest between the two teams. 3. Both teams will compete for two rounds where in each round, participants will be asked a short math question and will have 20 seconds to give an answer. <ul style="list-style-type: none"> - If they answer correctly, their team receives 10 points. - If they answer incorrectly, the opposing player from the other team will have a chance to steal earning 5 points if they answer correctly. |

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| <p>questions will carry more marks than others based on its difficulty.</p> <p>8. The top 2 participants from each level will be invited to compete in the Math Feud competition on the day of Math Fair (9th February 2023).</p> <p>9. In the event of a tie, the student who completed the quiz with the faster time will be selected.</p> | <p>4. After two rounds, the team with the most points wins. In the event of a tie, there will be 3 tie-breaker questions where the first team to answer 2 of the 3 questions correctly, wins.</p> |
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- All dates and times stated with respect to the Math Quiz and Math Feud competitions are given in **Atlantic Standard Time (AST)**.
- The Math Quiz is an individual event, and participants are meant to complete the quiz without any external help from any other person.
- The Judges' decisions on any matters are final. There is no obligation on the part of The Department of Mathematics and Statistics, or on the judges to provide an explanation for any decision made.
- A place in the Math Feud is not guaranteed unless those who qualify give their written confirmation via email and submit a signed permission slip indicating that they are available and willing to participate in the Math Feud competition. This confirmation must be given by the indicated deadline on the invitation email otherwise their spot will be forfeited to the next runner-up.
- Any enquiries about the competition and the rules can be addressed to the following email: STA-UWIMathFair@sta.uwi.edu
- More information about the Math Olympics as well as other competitions for the UWI Math Fair 2023 can be found at www.uwimathfair.com