

YOU ARE INVITED

to compete in our very first

WRMS Math Mania Competition

after school **Friday, February 23!**

Sign up NOW at the following link!

<https://goo.gl/forms/Voi9wUrI8u6bly872>

This AWESOME event will include INDIVIDUAL, PARTNER and TEAM challenges!

It will be a GREAT evening of FUN, MUSIC, MATH and AWARDS!!!

Oh and FOOD! The concession stand will be open since it will last until about 7:30 pm.

WORRIED YOU'RE NOT GOOD AT MATH? DON'T!

INVOLVED IN LOTS OF AFTERSCHOOL ACTIVITIES? NOT A PROBLEM!

We have set up a **Math Mania Google Classroom** you can access for FUN ACTIVITIES to help you prepare for your events! PREPARE ONLINE on YOUR OWN TIME! So no excuses!

Sign up by Friday, January 12th!

MATH MANIA BASICS

Teams will consist of 10 students. 7th graders must be on a team with only 7th grade students, and 8th graders must be on a team with only 8th graders.

You can sign up with whomever you want in your grade. You can sign up by yourself or with other students. You do not have to sign up as a group of 10, but you can if you like! We will put individuals and smaller groups into teams of 10. It's a GREAT way to make NEW FRIENDS!

If you sign up with some of your friends, **only one member of your team needs to follow the link** and fill out the form for all of you. You all don't need to enter separately. EASY PEASY!

Awards will be given by grade level. The 1st, 2nd and 3rd place teams will have their picture put on a plaque that will be displayed in the school. All 1st, 2nd and 3rd place students in each event will receive a medal. Ribbons will be awarded for 4th and 5th places.

Math Mania Google Classroom Code: **f78ly3**

More detailed information will be available after teams are formed.

EVENT DESCRIPTIONS

Individual Events

Expressions & Equations

Geometry

The Number System

Statistics & Probability

Ratios & Proportions (7th grade)

Functions (8th grade)

Each of these events consists of a 20-minute multiple choice test based on the Kansas Math Standards. Each individual on a team must compete in at least one of these events.

Mental Math

This general knowledge event consists of a multiple choice test involving mental math only. Times to respond to each question may vary. You may not work problems on calculators or paper during this test.

Partner Events (2 Team Members)

Mind Busters – Sudoku

This event will consist of the completion of a 9x9 Sudoku. Ranking will be determined by both speed and accuracy. If you are not familiar with these puzzles, check out the following link:

<https://www.youtube.com/watch?v=OtKxtvMUahA>

Mind Blockers - Coding

This fun event will consist of a coding task. You get to code a Sphero robot to go through a maze.

Mind Builders

This event requires you to construct a geometric solid out of colored cubes within a set of conditions.

Mind Benders – Logic Grid Puzzles

This event requires students to use deductive reasoning to reach conclusions based on a set of clues.

If you are not familiar with these puzzles, check out the following link:

<https://www.brainzilla.com/logic/logic-grid/>

Mind Bogglers - Tangrams

This event requires students to build designs based on tangram patterns. Times to respond to complete each puzzle may vary. If you aren't familiar with tangrams, check out the following link:

<http://pbskids.org/cyberchase/math-games/tanagram-game/>

Team Events (4 Team Members)

STEM Challenge

This event will require team members to work together to complete a fun, challenging task that draws on their understanding of science, technology, engineering and math concepts – not to mention their creativity and ingenuity.

Break Out

This exciting event will require team members to use their problem solving and critical thinking skills.

They will work together to quickly open a series of locks that leads to a prize – much like a treasure hunt or escape room.

To practice these events, use code **f781y3** to join our Math Mania Google Classroom!