

Overview and Rules for the First Annual View Park Prep Math March Madness Decathlon

The Math March Madness Decathlon (M3D) will be a contest that tests the math mental acuity and physical fitness of its participants. The M3D will consist of 10 events:

Events 1, 2, 3, and 4 will consist of math basic skills worksheets. These worksheets will be composed of 100 problems each. The problems will be in the areas of addition, subtraction, multiplication, division, fractions, percentages, and other arithmetic operations.

Sample worksheets are available online at www.michaelbatie.com/saxon/worksheets

Events 5, 6, and 7 will be math exercises that test students abilities to problem solve and think critically as they work together as a team to solve math puzzles. The events will include:

		
The Math Game 24 (Single Digits).	The Math Game 24 (Double Digits).	The Math Game 24 (Single Integers).

The object of the game is to make the number 24 from four numbers on a game card. (See picture below). You can add, subtract, multiply and divide. Use all four numbers on the card, but use each number only once. You do not have to use all four operations. All number nines will have a red center, so you can tell a nine from a six. Students will write out their responses using the appropriate properties.

The team works as a group on the math puzzles with each team receiving a point for each puzzle solved. Each time again receives a time premium deducted from the total elapsed times from the worksheet portion of the decathlon.

The final three **Events 8, 9, and 10** will be physical challenges. These events will test the students fitness levels and general athleticism. These three events are:

Basketball free throws

Each team has 30 seconds for each of its members to shoot a free throw. For example if three out of five student shoots makes a free throws their final score is the percentage of free throws made or 60%.

Two minute jump rope

In this test of cardio-vascular strength each team member jumps with a jump rope as many times as possible in two minutes. The total number of jumps for each team member is added for a total number of jumps per team.

75 meter sprint

Students run a 75 meter dash for elapsed time. Each team members time is added together for a total number of seconds for each team.