

WAXPOOL MATH TOURNAMENT

Waxpool PTA will be holding a math tournament for students grades 6-8 from all across Loudoun County on March 28th.

Competitors will be participating in five rounds of contests, with prizes awarded to the top scorers in each grade, as well as to contestants on the top teams, and the top school will win the prestigious Silver Piranha trophy.

Contest Summary:

Quickmetric Round, 50 questions in six minutes.

Sprint Round, 30 questions in 40 minutes.

Target Round, 4 series of 2 questions each, six minutes per pair

Team Round, 10 questions of up to 20 minutes worked on together by a team of four.

Countdown Round, verbal one on one competition among top finishing students.

Cost is \$15 per student. You can register a team of four or individual students.

Waxpool will organize individual registrants into teams to give them a chance to win a team trophy.

ELIGIBILITY: Students in LCPS in grades 6-8.

DATE: March 28 TIME: 1:30 PM - 5:30

Click the registration link to REGISTER.

Scoring

Sweeptakes scoring for the winning school will be done by taking the total scores of the top four students, then adding half of the next four scores, plus 10% of the scores of additional students.

Click scoring link for additional scoring and contest rules.

Sample Questions:

Difficulty will be around the level of a Math Counts state or chapter contest.

What is the sum of the numbers from 40 to 70?

Square S has vertices at 1,0 and 5,4, and a perimeter of 16. The other two vertices are on a line with equation $y=mx+b$. What is the value of b?

4 dice are rolled. What is the probability that the total roll is 23? Express your answer

as a common fraction.

Quickmetric Round: (average 7 seconds per question)

$$28 \times 32 =$$

$$\frac{1}{5} \text{ of } 1280 =$$

$$6534 + 3284 =$$

$$16\% \text{ of } 340 =$$