

BALTIMORE COUNTY PUBLIC SCHOOLS

Extra Duty Activity (EDA)

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| Name of EDA: | MATHCOUNTS |
| School Level: | Middle School (Grades 6-8) |

Description of Activity: The MATHCOUNTS Competition is a national middle school coaching and competitive mathematics program that promotes mathematics achievement through a series of fun and engaging "bee" style contests. The program exists in all 50 states plus 5 U.S. territories and the Department of Defense and State Department schools and it is supported by the National Society of Professional Engineers at the state and local levels. Consisting of fun and creative problems, the MATHCOUNTS competitions have written and oral rounds, as well as individual and team components. Though challenging and non-routine, the competition problems focus on the 6th through 8th grade standards of the National Council of Teachers in Mathematics. The competitions provide students with the opportunity to go head-to-head against their peers from other schools, cities and states; to earn great prizes individually and as part of their school team; and to progress through to the 2010 Raytheon MATHCOUNTS National Competition at the Walt Disney World Swan and Dolphin Resort. Competition level is limited to the top eight students per school.

Throughout the year in preparation for the regional, state, and national competitions, Baltimore County middle school students are involved in developing advanced problem solving skills. Teachers who sponsor MATHCOUNTS clubs/teams at the middle schools coach students weekly as they solve warm-up and work-out problems to determine answers, share problem solving strategies, and prepare for competitions.

Link to the Blueprint for Progress: The MATHCOUNT team sponsor supports the school system's mission to provide a quality, rigorous education for all students. The role of the Math Counts sponsor supports Performance Goal 1, Indicators 1.1, 1.2, 1.3, 1.9, 1.10, and 1.12 in the *Blueprint for Progress*.

Examples of Specific Duties of this EDA Sponsor

Estimated Hours

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| Preparation and Planning | 35 – 40 |
| <ul style="list-style-type: none"> • Schedule regular afterschool sessions for coaching practices. • Invite students to participate in regular afterschool sessions. • Inform parents of year-long schedule of practices and competition dates. • Publicize MATHCOUNTS meetings and events through school media. • Prepare materials for weekly coaching sessions with the students • Schedule and hold school level competitions. • Register school-level team for regional competition. • Organize logistics for students to participate in regional competition. • Announces school winners and other winners as appropriate. | |

Meetings

35 – 40

- Meets weekly with students in afterschool coaching sessions.
- Attends informational meetings of all coaches as needed.
- Attends regional competitions and state and national competitions as appropriate.

EDA Duties

- Organizes school-level MATHCOUNTS team and coaching sessions.
- Prepares MATHCOUNTS materials for coaching sessions.
- Prepares students for MATHCOUNTS school and regional competitions.
- Organizes logistics needed for school and regional competitions.
- Serves as liaison between the local school and the Office of Mathematics PreK-12 and the regional organizer.

Estimated Annual Hours that a Teacher Might Spend to Sponsor this EDA: 70 – 80

Minimum Number of Students Required: No minimum number.

Annual Compensation

Math Counts is a Level I activity.