

BALTIMORE COUNTY PUBLIC SCHOOLS

Extra Duty Activity (EDA)

Name of EDA:	Math 24 Challenge
School Level:	Grades 5-8

Description of Activity: The 24 Game challenges students to use their skills of mathematical reasoning, pattern analysis, and mental computation. The challenge for the students is to use addition, subtraction, multiplication, and division along with the four numbers on the card and come to the solution of a positive 24. The students must use all the four numbers, but use each only once. At the middle school level, fractions and integers games are used along with the original game.

The 24 Game is open to students in grades 5-8 and a Baltimore County tournament is held each year in March for the students who win school-level competitions. The school competition is typically held at the beginning of February. The students who win the school-level competitions in each category will receive a \$50 savings bond from M&T Bank and will have the opportunity to compete at the county competition for a \$1,000 savings bond.

Link to the Blueprint for Progress: The Math 24 Challenge school advisor 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*.

<i>Examples of Specific Duties of this EDA Sponsor</i>	<i>Estimated Hours</i>
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Preparation and Planning	15 – 20
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- Schedule regular afterschool sessions for 24 Challenge game practices.
- Invite students to participate in regular afterschool sessions.
- Inform parents of year-long schedule of practices and competition dates.
- Publicize 24 Challenge meetings and events through school media.
- Prepare practice materials for 24 Game coaching sessions with the students
- Schedule and hold school level competitions.
- Register school-level team for county competition.
- Organize logistics for students to participate in county competition.
- Announces school winners and other winners as appropriate.

Meetings	45 – 55
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- Meets weekly with students in afterschool practice sessions.
- Attends informational meetings of all school advisors as needed.
- Attends county competitions.

EDA Duties

- Organizes school-level Math 24 Challenge team and coaching sessions.
- Prepares students for Math 24 Challenge school and county competitions.
- Organizes logistics needed for school and county competitions.
- Runs the school-level Math 24 Challenge competition
- Serves as liaison between the local school and the Office of Mathematics PreK-12.

Estimated Annual Hours that a Teacher Might Spend to Sponsor this EDA: 60 – 75

Minimum Number of Students Required: No minimum number of students.

Annual Compensation

Math 24 Challenge is a Level I activity.