

Somerset PTSA Math Adventure Night 2017-18

The Somerset PTSA is hosting Math Adventure Night on 04/27/2018. Teams must solve math problems to reveal clues that they use at different stations to release their next puzzles. The event is non-competitive and everyone celebrates advancing through the scenarios, while learning and having lots of fun. For more information, sample puzzles, and to see video of past Math Adventure events, visit <http://www.math-adventure.com>

Topics/Levels:

Math topics align roughly with both the Math Expressions textbooks and Singapore Math's "Primary Math" curricula. Puzzle sets are available for levels Grades 3-5 this year.

Teams:

The problem sets are designed for teams of 4 students of roughly even ability level (e.g. a set usually has 4 sheets of problems). Teams of 3-5 can play, but may need to modify their approach to accommodate the puzzle structures. Teams may participate at any level chosen, regardless of actual grade. Thus, students may "play up" a level for challenge, or "play down" a level for review.

Additional Team Study Optional:

Some teams use Math Adventure nights as the impetus for extra math study during the year. A number of teams meet monthly or weekly to practice their math skills and learn new topics. This can be good practice for more competitive events such as Math Olympiad in 5th grade and beyond. However, many teams participate just in the adventure, enjoying a super fun evening of math. Somerset PTSA provides training suggestions at the informational meeting, as well as the opportunity to borrow math-based games there and at Family Game Nights. Otherwise, teams are responsible for their own training materials, schedules, and sites.

Requirements:

Each team must have a parent coach and a volunteer at the event. . All teams are expected to volunteer at least 5-10 hours before the event. Teams cannot share volunteers or coaches. Coaches will chaperone the students during the event. Coaches can choose how much direction and assistance they provide students. The second volunteer (can be a parent or an older sibling 7th grade or higher) will be assigned based a job such as set-up, clean-up, flow management, or assistant in various stations.

Cost:

\$12/student. The entire team should register on one form. Participants are responsible for making their own teams, including coaches and volunteers. If your team has fewer than 3 students, team members may be added at the event. Scholarships are available for Somerset students in need.