ABOUT MATH FIELD DAY:

Math Field Day is a contest to demonstrate knowledge of Mathematics through competition and celebration. The event also serves as a culmination to a year-long instructional program focused on the California Common Core State Standards for Mathematics.

Reflecting the Balanced Mathematics Instructional Program outlined in the 2005 Mathematics Framework for California Public Schools with emphasis on Common Core State Standards, students will solve problems in three categories:

1. Problem Solving (1 team task)
2. Conceptual Understanding (2 team tasks)
3. Computational/Procedural Skills (8 individual tasks)

Each of these three categories will weigh equally in determining the final team score. Please refer to the attached Scoring Guidelines.

Grades 4-7: Content math tasks will be focused on the Common Core State Standards for mathematics for grades four through seven.

Grade 8: Content math tasks will focus on the Common Core State Standards for eighth grade. Content WILL NOT be based on the Optional 8th grade Algebra 1 standards.

The structure of Math Field Day is as follows:

- Students in grades 4-8 may participate;
- One team for each grade level per district (a maximum of 5 teams per district);
- Four students per grade-level team (a maximum of 25 students per district);
- Teams must represent the district, not individual schools within the districts;
- Only students registered as participants or alternates will be allowed to participate;
- Each grade level team must have an adult attending;
- Adults attending must proctor/score activities throughout the day;
- There is a registration fee of $125.00 per team (four students and one adult);
- Districts registering under Plan I complete against other districts using Plan I;
- Districts registering under Plan II complete against other districts using Plan II.
- **District teams cannot be separated to compete in both categories.**
REGISTRATION:

Student team selection is to be determined by each district, using either “Registration Plan I” or “Registration Plan II” outlined below. Regardless of guidelines selected, please note that each team is to be representative of the district’s student population. District teams must select one plan and cannot be separated to compete in both categories.

Registration Plan I.  CST/Standards-based Criteria:
Similar to Academic Decathlon teams, team composition must be balanced across grade point average ranges. Teams formed under this plan represent a range of mathematics California Standards Test (CST) performance levels from Spring 2012.

Each grade level team will consist of four students. Each team will have two students who scored in the proficient to advanced range from the previous school year, and two students who scored in the basic to below basic range from the previous school year. (Example: 4th Grade Team is made up of 2 below basic/basic and 2 proficient/advanced students)

Registration Plan II.  Multiple Criteria:
The school site(s), under the direction from their district’s Math Field Day coordinator, curriculum director or assistant superintendent, as determined by each district, will follow district-developed guidelines for team selection. These guidelines, as in past field days, must allow for team selection that is representative of all students in the district.

DISTRICT REQUIREMENTS:

Districts must designate a person to serve as district Math Field Day Coordinator. The Coordinator will:
• Serve as the contact person;
• Distribute all materials and communications to persons involved;
• Organize the district teams;
• Ensure that team requirements are met;
• Coordinate volunteers from the district;
• Complete and return the registration form as directed.