

MATH FIELD DAY

MAY 14, 2011

REGISTRATION PACKET

ELEMENTARY SCHOOL
4th & 5th Grades

Due: April 22, 2011

Handwritten mathematical notes and diagrams surrounding the central text:

- Top left: $\frac{b^2 - 4ac}{4a^2} = \left(\frac{a - \frac{b}{2a} \pm \sqrt{a^2 - \frac{b^2}{4a^2}}}{a} \right)^2$
- Top center: A coordinate system with x and y axes, labeled "quadratic".
- Top right: Quadratic formula: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
- Right side: $\sqrt{49} = 7$, "equation", $\frac{dx}{dy}$, "calculus".
- Bottom right: A table:

x	y
6	7
7	2
9	10
3	3
9	7
12	11
- Bottom right: $x = -6$
- Bottom center: $2y - 3y = x$
- Bottom left: A diagram of a triangle with a circle inscribed inside it.
- Bottom left: $\frac{\sin \beta}{\sin \alpha}$
- Bottom left: "Pythagoras"

Math Field Day 4th & 5th Grades Events Schedule

Saturday, May 14, 2011

The tentative schedule is as follows:

- 7:45 a.m. – 7:55 a.m.** **Welcome/ Orientation – A. B. Miller Gymnasium**
- 7:55 a.m. – 8:10 a.m.** **Passing Period – Students Will Move to the Designated Test Rooms**
- 8:15 a.m. – 9:15 a.m.** **Session One (60 minutes)**
- Grades Four & Five Tests**
- Round Robin
 Terminology
 Calculator Challenge
 Problem Solving
 Mental Gymnastics
 (4th or 5th Grade General Knowledge Multiple Choice Test for Alternates)
- 9:15 a.m. – 9:25 am** **Passing Period – Students Will Move to the Designated Game Rooms**
- 9:30 a.m. - 10:30 a.m.** **Session Two (60 minutes)**
- Grades Four & Five Games**
- Hex
 Five-in-a-Row
 Triplets
 Mancala
 Capture
 (Alternates: 4th Grade Game Five-In-A-Row / 5th Grade Game Hex)
- 10:30 a.m. – 10:45 a.m.** **Break / Snacks**
- 10:45 a.m.** **Return to the Gymnasium**
- 10:50 a.m. – 11:30 a.m.** **Awards Assembly – A. B. Miller Gymnasium**

47th Annual Charles Pine Mathematics Field Day

4th Grade

Saturday, May 14, 2011

School Registration Form

(one form per team of five students plus one alternate)

Coach Name: _____ School: _____

Phone: _____

Registration Deadline: **Friday, April 22, 2011 (No changes will be made after this date!)**

Indicate below which students will participate in the following events **(Please Print or Type)**.

For 4th Grade Teams: Each student participates in one test and one game – 5 students per school

Events (8:15 – 9:15 a.m.)	Student Name
4 th Grade Round Robin	
4 th Grade Terminology	
4 th Grade Calculator	
4 th Grade Problem Solving	
4 th Grade Mental Gymnastics	

Games (9:30 – 10:30 a.m.)	Student Name
4 th Grade Hex	
4 th Grade Five-In-A-Row	
4 th Grade Triplets	
4 th Grade Mancala	
4 th Grade Capture	

Alternate: _____

Alternates will be allowed to attend, participate and win individual medals at MFD. Please, submit only one alternate per 4th grade team. Alternates will participate in a 4th Grade General Knowledge Test and **Five-In-A-Row**, but their scores will not count toward the overall team points.

***When submitting the completed forms, include a copy of a permission slip for each student.**

Return to: Beverly Villasenor, Elementary Instruction
(BillVT@fusd.net) (909) 357-5000 x 7258 (909) 357-5129 facsimile

(Submit by the deadline **April 22, 2011** with School Team Registration Form)

47th Annual Charles Pine Mathematics Field Day

5th Grade

Saturday, May 14, 2011

School Registration Form

(one form per team of five students plus one alternate)

Coach Name: _____ School: _____

Phone: _____

Registration Deadline: **Friday, April 22, 2011 (No changes will be made after this date!)**

Indicate below which students will participate in the following events **(Please Print or Type)**.

For 5th Grade Teams: Each student participates in one test and one game – 5 students per school

Events (8:15 – 9:15 a.m.)	Student Name
5 th Grade Round Robin	
5 th Grade Terminology	
5 th Grade Calculator	
5 th Grade Problem Solving	
5 th Grade Mental Gymnastics	

Games (9:30 – 10:30 a.m.)	Student Name
5 th Grade Hex	
5 th Grade Five-In-A-Row	
5 th Grade Triplets	
5 th Grade Mancala	
5 th Grade Capture	

Alternate: _____

Alternates will be allowed to attend, participate and win individual medals at MFD. Please, submit only one alternate per 5th grade team. Alternates will participate in a 5th Grade General Knowledge Test and **HEX**, but their scores will not count toward the overall team points.

***When submitting the completed forms, include a copy of a permission slip for each student.**

Return to: Beverly Villasenor, Elementary Instruction
(BillVT@fusd.net) (909) 357-5000 x 7258 (909) 357-5129 facsimile

(Submit by the deadline **April 22, 2011** with School Team Registration Form)

EVENT RESPONSIBILITY SIGN-UP SHEET

GRADES 4 & 5

School: _____

(Use one sheet per school site)

- Every coach must sign-up for a “Day of Event” responsibility.
- School sites with multiple coaches will be assigned to different rooms.
- Mark 2 choices by writing the names of the coach(es) next to your preferences.
- Each coach ranks preferences 1, then 2
- Make a notation if you performed a specific responsibility last year and would like to perform the same responsibility again.
- We will try to honor all requested assignments; however, you may be placed at a different position/grade level than requested.
- We are looking for additional proctors for the afternoon portion of the competition, so please check the box below if you are willing to help out during that time as well.

- Check here if you do not have a preference for room and/or assignment.
- Check here if you are a veteran Math Field Day coach who is knowledgeable of the MFD room rules.
- Check here if you are a new coach or are unsure of the rules for tests, games, tie breakers, etc.
- Check here if you are willing to proctor again during the 6th / 7th / 8th grades competition during the afternoon in addition to the 4th/5th grade competition in the morning.

Tests and Games

Round Robin / Triplets

1. _____

2. _____

Terminology / 5-in-a Row

1. _____

2. _____

Mental Gymnastics / Hex

1. _____

2. _____

Problem Solving / Mancala

1. _____

2. _____

Calculator Challenge / Capture

1. _____

2. _____

Alternate Test / Alternate Game

1. _____

2. _____

Scoring Room

1. _____

2. _____

3. _____

4. _____

Juice and Cookie Monitors

1. _____

2. _____

FONTANA UNIFIED SCHOOL DISTRICT
9680 Citrus Avenue
Fontana, California 92335

Field Trip Permission Form

I/We give _____ permission to participate in and attend the 46th Annual Charles Pine Mathematics Field Day on **May 14, 2011**. The Mathematics Field Day will be held at **A. B. Miller High School** in Fontana, California. Parents are responsible for providing private transportation to and from the event for all activities.

In consideration of the permission granted, I/We, the undersigned, hereby release and discharge Fontana Unified School District from all liability arising out of or in connection with the above described activity.

In the event of an accident or sudden illness, the sponsor has my permission to render whatever emergency medical treatment may be deemed necessary for the above named student.

Health Insurance Carrier _____

Parent Signature Date _____

Parent Signature Date _____

Home or Contact Phone Number

Date _____

Jason Angle
Director Elementary Instruction

***Send in of fax copies of the student permission slips with the registration materials. Bring the original student permission slips with you on the day of the event.

*(Submit by the deadline **April 22, 2011** with School Team Registration Form)*