

ROTARY MATH FIELD DAY

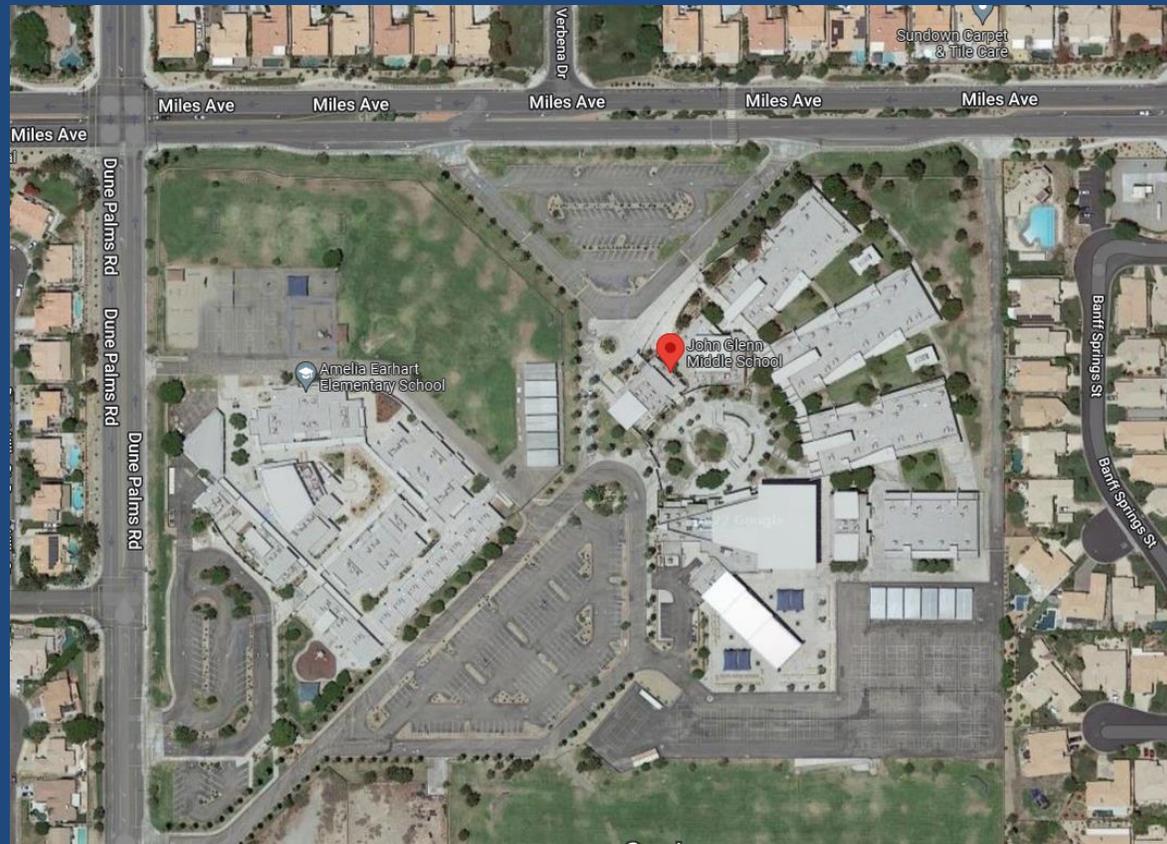
2023

HISTORY

- Event was founded in 1995, by the late John J. Benoit, former 4th District Supervisor, who was president of Indio Rotary that year.
- Indio Rotary stepped up and organized it for 26 consecutive years.
- It is considered a tradition among middle school teachers and students.
- The event provides local students an opportunity to participate in the only math field competition in the desert and receive the recognition they deserve for their math skills.

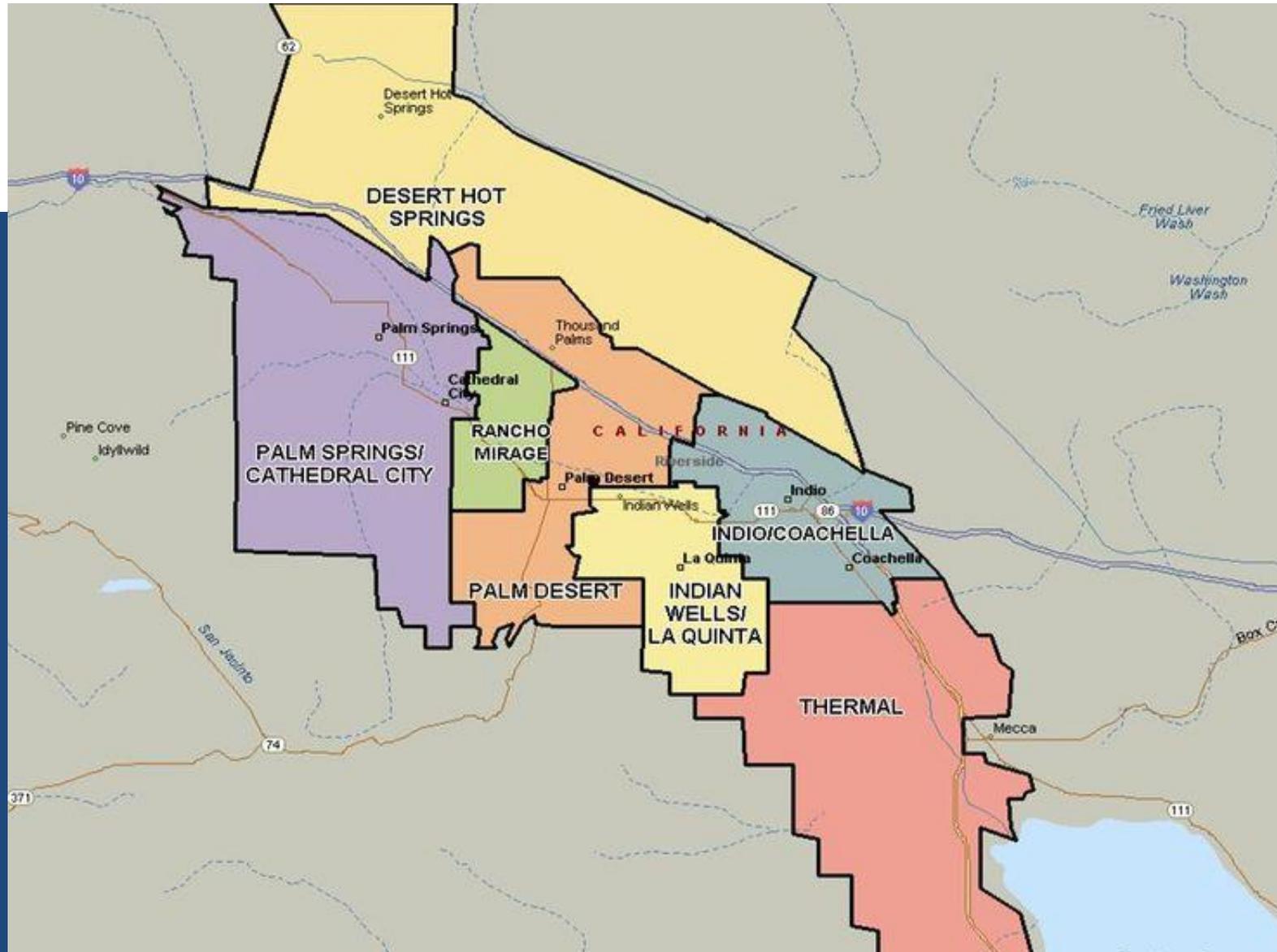
SCHOOL SITE

Desert Sands Unified School District has been a long-time partner and has provided John Glenn Middle School as the school site for this event.



PARTICIPATING SCHOOLS

- Desert Sands Unified School District
- Coachella Valley Unified School District
- Palm Springs Unified school District
- Private Schools



TEACHERS & STUDENTS

- Teachers start practicing with their students several months before the event.
- Each school brings 3 teams, one for each grade
- Each team competes against other schools for individual, group, grade and school trophies.
- There are prizes, ribbons and trophies for students that win in their event, recognitions for the Top-Mathematician per grade, and trophies for the top schools per grade.



INDIO ROTARY'S CONTRIBUTION

- Event organizer
- Volunteer recruitment
- Fundraises to provide:
 - Prizes
 - Ribbons & Trophies
 - Entertainment
 - Morning snacks, water and lunch
 - Pays for materials



DAY OF EVENT SCHEDULE

- 6:30 AM Library set-up
- 7:00 AM Students start to arrive
- 7:30 to 8:30 AM Student Registration
- 8:30 to 8:45 AM Welcome Assembly
- 9:00 to 12 PM Competition Starts
- 10:30 to Noon Games
- 11:00 to 12:30 PM Lunch
- 1 PM to 2:30 PM Award Ceremony
-



EVENTS AND GAMES

EVENTS INCLUDE:

WHAT'S MY SPACE? - Students will be given several different tools to determine the area of irregular shapes.

CALCULATOR CHALLENGE - Using a calculator, students work various problems such as finding the area of a triangle.

MENTAL GYMNASTICS - Without the use of a calculator, this challenge requires calculating and solving problems involving addition, subtraction, multiplication, and division. For example, solve the problem:

$$10+9+8+7+6+5+5+6+7+8+9=$$

TEAM INVESTIGATION - This is a collection of worthwhile problem-solving tasks.

CONSTRUCTION DERBY - Students work cooperatively to construct an object within a specified amount of time. The object is measured, tested, or compared by the proctor. Materials used can be straws, dry spaghetti, marshmallows, and rubber bands.

GAMES INCLUDE:

HEX - This game helps students develop the idea of finding patterns in a maze. Winners must form a continuous path from their side to the opposite side of the rhombus by connecting the hexagons on their edges.

5 IN A ROW - Similar to two dimensional tic-tac-toe, this game is played on graph paper. Players alternately mark "X" and "O" in the squares. The first player to get five-in-a-row horizontally, vertically, or diagonally wins.

24 - This is a mental math game where students use arithmetic and other means to arrive at 24.

3D TIC-TAC-TOE - The object of the game is to complete a straight line on the board in any dimension. (vertical, horizontal, or diagonal)

CAPTURE - This is a simple paper/pencil game played on a grid. The players use logic and the rules to corner or capture their opponent.



FUN DAY

- Poster competition
- Game (hula hoop, paper airplane, Rubik's cube, obstacle course)
- Schools design their Rotary Math Field Day t-shirts

AWARDS CEREMONY





ROTARY MATH FIELD DAY

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National Latino Peace Officer Association

BRONZE SPONSOR



Indio Police Officer Association



ROTARY SPONSORS

- Coachella Valley Rotary
- Coachella East Valley Rotary
- Indio Sunrise Rotary
- Palm Desert Rotary



Organized by Indio Rotary

SPONSORS

NEED HELP WITH

- Fundraising
- Volunteer recruitment
- Volunteers to help during the event
 - Registration
 - Classroom proctors
 - Grading
 - Food Distribution