

Welcome to the Sonoma County



Competition

**May 5, 2012
at
Elsie Allen High School**



PARTICIPATING STUDENTS

Abshear, Ryan
Acevedo, Rafael
Acuna, Arianna
Agliaro, Mateo
Aguilar, Manuel
Albano-Dito, Graziano
Allende, Diego
Altizio, Danielle
Andrews, Kieran
Antelme, Dylan
Antelme, Mathieu
Arriaran, Nurel
Ayers, Wyatt
Azmoudeh, Ian
Baker, Colby
Basu, Anna
Batchelor, Lily
Baweja, Sahaj
Beas, Kassandra
Becerril, Patricia
Bedient, Marcus
Biersch, Will
Birdsall, Max
Bishop, Skye
Blackham, Stephen
Blakely, Ty
Blakney, Jackson
Bodley, Beau
Bohlke-Slater, Max
Booker, Dahsaan
Bowen, Rylee
Branscum, Nick
Breazeale, Matthew
Brede, Peter
Brooks, Dylan
Burke, Sonny
Butler, Cade
Calvin Lantow, Calvin
Camacho, Jason
Cambron, C.J.
Camiccia, Anthony
Campbell, Chris
Carranza, Ivan
Casey, Aiden
Castro, Zelly
Cato, Tyler
Chang, Emmalyn
Chanthalangsy, Ryley
Chevalier, Roger
Clark, Theo
Cobb Bruno, Colburn
Cochran, Lincoln
Cochrane, Jack
Coelho, Bruno
Coleman, Teagan
Collier, Greg
Collins, Caleb
Collins, Jesse
Cook, Nathan
Cuevas, Joey
DaCosta, Justin

Dang, Derrick
Daw, Anthony
de Carracho, Paulo
Deb, Amit
DeLiberty, Olivia
Dennis, Damien
DesJardins, Eric
Dhiman, Jai
Dhiman, Shrey
Diaz, Dmitri
Dominguez, Alejandro
Doud, Cole
Duchynski, Tyler
Duncan, Feather
Dunleavy, Leo
Dunlop, Alexander
Duryea, Liam
Dvorak, John
Evich, Rex
Faraco, Justin
Faustino, Ben
Feiwell, Audrey
Field, Meghan
Filippetti, Jace
Finkel, Lee
Flood, Cameron
Flood, Nathan
Flores, Jovany
Forsell, Matthew
Fowle, Jack
Frankl, Harry
French, Sam
Gabe Weese, Gabe
Gangnath, Lauren
Garay, Lucia
Garcia, Kitana
Godsey, Kim
Gonzalez, Giselle
Gopalakrishnan, Rohit
Goshgarian, Savannah
Graham, Gavin
Graybill, Tio
Greimel, Addison
Grove, Ethan
Guggiana, Marc
Guidry, Claire
Gullickson, Jared
Guzman, Juan
Hall, Evan
Hall, Justin
Haraszti, Alexandra
Harder, Drew
Hardester, Conner
Haro, Joseph
Harris-Bloom, Adam
Hay, Langston
Haydon, Joschka
Hedayati, Maxwell
Hegardt, Samuel
Henderson, James
Henson, Jordyn

Herculson, Gavin
Hilliard, Griffin
Holland, Alexander
Holland, Nicolas
Howard, Chloe
Hunt, Oliver
Hunt, Zach
Hurley, Reilly
Iversen, Carly
Jensen, Emma
Jensen, Jack
Jicha, Edward
Jimenez, Gilbert
Jimerson, Nathan
Johnson, Alex
Johnson, Charlie
Johnston, Megan
Jones, Trevor
Jordan, Lucas
Julien, Shawn
Kalaw, Adrian
Kang, Derek
Karri, Satya
Kasper, Andy
Kearns, Nicole
Kincaid, David Jonathan
Knudsen, Gabriella
Kooba, Madi
Kruetzfeldt, Scott
Kukic, Llidor
Lange, George
Lantow, Nathan
Larson, Wyatt
Lauk, Kevin
Lennon, Michael
Libeu, Gene
Lin, Anwen
Lopez, Ariadna
Lopez, Carlos
Lovato, Lauren
Lumetta, Luca
Luvishis, Eden
Magdaleno, Elias
Mancini, Daniel
Marchbanks, Garrison
Marrufo, David
Marrufo, Julia
Martinez, Phoenix
Matlson-Cairati, Shaylin
Mautner, Alexis
Maybury, Malisa
Maybury, Susanne
Mayer, J.J.
Mayer, Elizabeth
McCallister, Madison
McCarthy, Conor
McCloud, Joseph
McConnell, Cameron
McGee, Jared
McKay, Trey
Merrill, Alex
Mishnock, Ivan
Moeller, Devin

Monks, Ray
Mons, Roman
Moore, Avi
Moore, Henry
Morales, Adam
Moreno, Disney
Morgan, Khayme
Morgan, Quillie
Morgan, Susanna
Mori, Kontaro
Moore, Serena
Muller, Devin
Murakami, Yuri
Murgatroyd, Ryan
Nagappala, Vinay
Nahn, Aaron
Navarra, Marcus
Nazaroff, Jordan
Nguyen, Nathan
Nguyen, Trenton
Nguyen, Trevor
Nichols, Maya
Norman, A. J.
O'Flaherty, Brooke
O'Neil, Riley
Olson, Carter
Orozco, Andres
Ortiz, Eddie
Osorio, Edward
Ozdil, Selim
Palacios, Hugo
Paneno, Johnny
Papko, Henry
Pearson, Beatrix
Peck, Jake
Pereira, Ben
Pereira, Kyle
Perez, Nancy
Person, Rohan
Peterson, Gabrielle
Petty, Jackson
Pillai, Vishnu
Pineda, Yeny
Powell, Hyden
Prastya, Harry
Rajan, Suraj
Ramirez, Manuel
Rattanavong, Owen
Reiter, Agustín
Ringle, Reily
Roatch Terry, Brian
Robarts, Alan
Rodriguez, Adrian
Rodriguez, Jazmine
Rogachev, Feodor
Rogachev, Katia
Rogers, Austin
Rogers, Bennett
Rolston, John
Ross-Klakovich, Ansel
Rossi, Athena
Ruiz, Luis
Ruschmeyer, Noah

Russell, Zach
Sanchez, Gustavo
Sawyer, Isaiah
Schexnaydre, Tyler
Schieberl, Zack
Schloemp, Luke
Schlosser, Simon
Schott, Conor
Sereni, Marian
Serrano, Francisco
Shepard, Maxwell
Silva, Alejandro
Simpson, Justin
Slater, Jake
Smilie, Stephen
Smith, Joshua
Solis, Josue
Soukesian, Robert
Southard, Blake
Stuart, Scarlet
Sullivan Blenker, Hunter
Sullivan, Ceara
Sunia, Sean
Sweeney, Heather
Tiche, Ben
Tiger Brown, Dillon
Trainor, Rian
Triola, Luke
Tripodi, Dominic
Tuff, Steven
Turley, Mabel
Umholtz, Carter
Vaccaro, Austin
Valdez, Julia
Valencia, Juan
Vences-Vega, Gustavo
Vides, Nicholas
Vincent, Jacob
Valencia, Ignacio
Vizena, William
Wade, Eli
Wagner, Hunter
Walsh, Kaehlan
Watanable, Amaya
Watkins, Dylan
Wedel, Justin
Weese, Karlee
White, Seth
Whitty, Bethany
Willat, Ryan
Willbrand, Gavin
Wilson, Elena
Wise, Shasta
Wolmuth, Chris
Wongkar, Lani
Woodcock, Eric
Xue, Kai
Yant, Cole
Zamora, Diego
Zavala, Hanna
Zhu, Lucy
Zimmer, Ad

FOOD COURT:

- Free Pancake Breakfast will be served from 7:15am to 10:00am, or until they run out by the Elsie Allen High School Student's of LoboUnity, strengthening community relations! Donations are welcome and will go to the "Lobo Unity Scholarship Fund." For details about the Scholarship check out : www.elseallen.org/lobounity/lobounity.
- Elsie Allen High School's snack bar will be open from 7:30am to 1:00pm with coffee, hot chocolate, muffins, donuts, nachos, hot dogs, hamburgers, chips, soup, various drinks, and candy.

CHALLENGES

- Bull Dozer: This event takes place in a 3 ft circular arena with six 8 oz soda cans filled with sand. Competitors must design robots that detect the cans and bull doze them completely out of the ring. The winning robot is the one who pushes all the soda cans out of the ring in the least amount of time.
- Drag Racing: The objective of this contest is to race your robot on a track that is 16 feet long and beat your opponent to the finish line. This year's drag racing competition is open to grade 4-5 students only.
- Free Form: This year's event challenges teams to explore the theme of the "2012 Olympics." Design world class athletic performances for your robot(s). Entries will be judged on the robot's ability to follow action scripts, difficulty of tasks, and adherence to the theme. Participants may choose to enter the Beginning or Advanced competition categories for this event.
- Hit the Brick: A variation on last year's line following event, this activity requires competitors to design robots that will recognize and follow black line segments and, at the end, hit a brick and stop movement. The winner completes the course in the fastest time.
- Off Road Racing: Off Road Racing involves a 16-foot long course with blocks of wood placed at different intervals. The object of this event is to overcome the barriers, stay on track, and finish with the best time!
- Sumo: Robot sumo wrestling engages two robot contestants in trying to push each other out of a circular ring. The first robot to touch the floor outside of the ring loses. The last robot remaining in the ring wins. NXT and RCX robots no larger than 8 inches square compete for the top award.

PLAY AREA FOR SMALL CHILDREN:

A sensory break area is setup outside of the main gym with various toys, coloring materials, and Lego building pieces. Childcare services are not offered here. Please accompany children, supervise actions, and insure that materials stay in the sensory break area.

PLEASE NO FLASH PHOTOGRAPHY:
Camera flashes can affect robot light sensors.

Coaches

Araujo, Elizeth
 Batecholor, Margaret
 Blackney, Scott
 Bouquet, Jeanne
 Collins, John
 Consiglio, Bridget
 Daw, Adele
 Evans, Ron
 Fanelli, Kimberly
 Fanning, Jeannine
 Godsey, Keith

Horn, Margaret
 Howell-Olson, Suzie
 Hunt, Chad
 Jones, Sara
 Kinney, Deborah
 Langlely, Matt
 Lewand, Sally
 Lin, Kyle
 Livingston, Debbie
 Lokster, John
 Magnoli, John

Newbury, Phil
 Norman, Ren
 Patten, Helen
 Peters-Libeu, Clare
 Piazza, Sandy
 Pressler, Mark
 Prysock, Aaron
 Pugh, Jerry
 Salvatto, Natalie
 Starkweather, Cindy
 Stuart, John

Vaishville, Roger
 Valladolid, Vincent
 Vallergera, Matt
 Wanous, Eric
 Williams, Steve

Participating Schools

Adelel Harrison Middle School
 Austin Creek Elementary School
 Binkley Elementary School
 Brookhaven Elementary School
 Fitch Mountain School
 High Tech Institute of Sebastopol
 Hillcrest Middle School
 Kashia Elementary School

Kenwood School
 Lawrence E. Jones Middle School
 Lower Lake Elementary School
 Mary Collins @ Cherry Valley Charter
 Matanzas Elementary School
 Meadow School
 Proctor Terrace School
 Roseland School District

Santa Rosa Accelerated Charter
 St. Francis Solano School
 Strawberry School
 Village Elementary School
 Whited (Douglas L.) School
 Willowside Middle School
 Windsor Christian Academy

Event Volunteers

Asgedom, Sophia
 Austin, Grace
 Bancharo, Susannah
 Carlson, Bryant
 Carrillo, Alondra
 Cruz, Esmeralda
 Cruz, Paola
 Dai, Diane

Duckhorn, Jennifer
 Espinoze, Gustavo
 Easterday, Rick
 Farrell, Matt
 Field, Leslie
 Fuentes, Ayari
 Gomez, Alexis
 Gonzalez, Carolina

Greenwood, Scott
 Jackson, Alan
 Jensen, Whitney
 Lica, Holly
 Lopez, Ramses
 Magallon, Brian
 Manieri, Stephanie

Montel, Javier
 Stock-Duvall, Nana
 Strachan, Andrew
 Strachan, Gordon
 Tran, Kimberly
 Vasquez, Jennifer
 Willat, Linda
 Zevon, Jacob

Volunteer Agencies

Lego Education, Inc.
 Parents, Teachers, and Administrative Staff of Sonoma County Schools
 LoboUnity Scholarship Fund, Elsie Allen High School Staff and Students
 P.A.C.K., Parents Club at Elsie Allen High School

**Steering Committee**

Rick Phelan, Sonoma County Office of Education
 Dan Exelby, Sonoma County Office of Education
 Francine Merlonghi, Sonoma County Office of Education
 Sally Lewand, Fitch Mountain Campus
 Steve Williams, Santa Rosa Accelerated Charter School
 David Calkins, Lego Education, Inc.
 Daine Dai, Engineer, Agilent Technologies, Inc.

To learn more about each of these events, check out the challenge event website @ www.scoe.org/robotics.

Thank You!!!!
 Everyone for supporting the 2012 Sonoma County Robotics Challenge!!!