

Press Release

Solana Beach School District

FOR IMMEDIATE RELEASE

December 16, 2022



Contact: Jodee Brentlinger, Superintendent
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Solana Beach School District Alumni Guide and Mentor New Generation of Thinkers

Brainy Builders yield significant success in championship, with invention that could save San Diego County millions

How's an extra \$200 million San Diego? - We have Solana Beach School District alumni, Callum, Chloe, Jackson, Miles, Sophia, and Trey, to thank, whose invention could render significant energy savings for San Diego County. Formerly Solana Highlands and Solana Pacific students, the Brainy Builders team is composed of 8th graders, who compete, mentor, and work with younger robotics teams, including students from both Carmel Creek and Solana Ranch schools. On Saturday December 3, team Brainy Builders competed in the High Tech High So Cal FLL Super Powered Regional Championship tournament, recording the highest robot game score in Southern California and placing second overall

including robot game, robot design, innovation project, and core values.



LEADERS & INNOVATORS



TEAM BRAINY BUILDERS

The FLL robotics annual challenge involves designing, building, and programming robots to complete challenges, researching and working on a solution to a problem based on the year's theme, and then present this all clearly at competition, all whilst demonstrating core values and gracious professionalism. The Brainy Builders is a First Lego League team, which also features Team Imagination from Carmel

Creek school, Electric Doritos and Electric Energy Builders from Solana Highlands School, BerryBotics from Solana Pacific School, and Dynamic Droids from Solana Ranch School. Brainy Builders' innovation project, the *Smartlet*, is a new fully DC outlet system (electrical connector for supplying direct current)

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with negotiated voltage, blackout prevention, built-in timer, and a magnetic connection.

The *Smartlet*, when fully implemented, could save San Diego County over \$200 million per year in electricity costs! Solana Beach School District couldn't be more proud of all of our students, who are not only competing in these events, but also positively contributing to the advancement of our society. SBSB is thankful for their continued inspiration of wonder and discovery in learning and life.

ABOUT THE SOLANA BEACH SCHOOL DISTRICT

The Solana Beach School District, nestled on the north coast of San Diego County, serves approximately 2,800 students. Instruction is rich, varied and innovative. Our emphasis is on core standards instruction provided through a continuous progressive curriculum. District schools consistently rank at or near the top in district, county and state accountability measures. Our students and schools have received numerous awards and have been recognized at county, state and national levels for a variety of accomplishments. Working together, our mission focuses on providing a safe space where learners find their voice, share their gifts, and advance the world. Unified is our district, centered on inspiring wonder and discovery in learning and life.