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Christi L. Wilkins* (christi@dramaticresults.org), 3310 Lime Avenue, Signal Hill, CA 90755. *Dramatic Results uses research-based, innovative strategies to engage underserved youth from Long Beach USD in Core mathematical thinking using origami to achieve measurable and reproducible results.*

What do the Mars Rover, heart valves, automobile air bags, robots and Japan's space sail have in common? Origami - the ancient art of paper folding. "With origami, the math goes through your head to your hands to the art you are creating. I love making origami." This fifth grader is one of 1,250 inner-city students who have demonstrated 25+ point gains in math after experiencing Dramatic Results' InCreasing Math program. Delivered in-class as a regular part of students' instructional day, this origami-integrated program uses research-based, high quality instructional techniques to model strategies for the classroom teacher that can be applied across the school day. The curriculum exemplifies a participatory approach, using the Engineering Design Process and emphasizing Math Practices, to help students uncover their potential and creativity, building persistence and resilience in their math performance.

With just 10 hours of direct contact, internal evaluation shows a statistically significant increase in mathematical skills and processes, knowledge of engineering, artistic expression, persistence, creativity, and problem-solving. DR makes learning relevant, integrating the traditional art of origami to inspire technological innovations. (Received September 15, 2015)