

**OVERVIEW OF DISTRICT GRANT**  
**The Palapa School of Todos Santos, LEGO EDUCATION SPIKE PRIME SET**  
**Submitted: September 2022**  
**Ardice Farrow, PKRC**  
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Total Budget \$1,000 US

Country: Mexico

Location: Todos Santos, Baja Sur, Mexico

Area of Focus: Education & Literacy

Activity Type: Education

Summary: LEGO EDUCATION SPIKE PRIME SET for The Palapa School science and math classes

The Palapa School of Todos Santos, The Palapa Society of Todos Santos, A.C.

<https://palapasociety.org/palapa-school/>

The Palapa Society of Todos Santos, A.C is a Mexican non-profit organization based in Todos Santos, Baja Sur, Mexico. The Palapa School Secundaria (Jr. High) and Preparatoria (High School) provides high quality language, art, science and math studies that meet and exceed the SEP (Secretaria Educacion Publica) certification requirements. The school offers scholarships and financial aid to approximately 100 local youth enabling them to attend a full time accredited school with an emphasis on STEAM (Science, Technology, Engineering, Art & Mathematics) preparing them for professional careers, colleges or university upon graduation. The Palapa School has a well equipped science lab and math curriculum.

This grant is a request for \$1000 US for 2 LEGO Education SPIKE Prime Robot kits (\$500 US each including shipping & handling).

6 kits have already been purchased through other funding and the request is for Rotary to fund the purchase of 2 more kits to complete the program.

In addition, Ardice Farrow, a Pilot Knob RC member will volunteer her time to create a service program to train students on how to present powerful and effective presentations at Science Fairs, Community Events and LEGO competitions and develop basic organizational and management skills.

The Pilot Knob Rotary Club will make a contribution of \$1000 US (\$600) by our Club and (\$400 DDF) to purchase and cover the cost of shipping for 2 LEGO Education SPIKE Prime Robot kits.

## What is the STEAM Approach & Philosophy?

*The development of new skills in children and youth has become a priority for Mexico and especially the incorporation of technological content that responds to the needs of new jobs in accordance with the interculturality of our country.*

*Technological change is dramatically transforming the way we live, learn and work. Therefore, it highlights the importance of developing STEAM skills (Science, Technology, Engineering, Art and Mathematics) with a focus on socio-emotional skills and gender equity.*

*STEAM is a way of teaching that conceptualizes in a practical, easy and entertaining way, how everything relates to each other, both in school and outside of it. It is a teaching methodology that fully captures interest in the classroom. With a focus on 21<sup>st</sup> Century skills, it is more fun and proactive than traditional learning styles and teaches the creative and critical thinking skills needed to live a thoughtful, productive life.*

### BUDGET

ITEM	QUANTITY	COST (Includes Shipping & Handling)	TOTAL
LEGO® Education SPIKE™ PRIME SET	2	\$500.00 US	\$1000.00

### PALAPA STUDENTS

