

Engineering Toys and STEAM Library for Second Grade Learning

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School: Truckee Elementary

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Amount Requested: \$700

Each week our second grade students have free choice time where students can create, imagine, and build. Open-ended and engineering play is beneficial for all of our students and gives opportunities to explore and improve fine motor skills. Additionally, this type of play helps students develop their language skills by giving them opportunities to communicate with their peers as they plan and solve problems together.

This grant will enhance my classroom by offering students hands-on, sensory experiences that will allow them to explore several different engineering concepts. This would support the 2nd grade curriculum by introducing science concepts and giving opportunities for students to construct, test, and modify. I would measure the success of these materials by observing the students in their hands-on play time. I would apply this knowledge to their science and math lessons.

The STEAM books will provide inspirational stories for students, focusing on exploring topics of science, technology, engineering, art, and math. These books include stories inspired by historical figures in this field, fictional stories, as well as stories which focus on aspects of the STEAM fields.

This grant would allow me to include more open-ended STEAM activities in my classroom. This grant would benefit all the students in my class, approximately 25 students each year. I want to give them the chance to learn and grow through engaging play. These materials will be a lasting investment. I will keep them in my classrooms for years to come, providing ongoing learning opportunities for my students.

Items	Cost	Taxes	Shipping	Total
STEAM Library Amazon Wishlist	109.5	\$9.86	\$0 (Prime)	\$119.35
Lakeshore Learning 1. STEM Bundle x1 (\$459)	\$459	\$41.31	\$68.85	\$569.19
	\$568.5	\$51.16	\$68.85	\$688.54