

February 18, 2016

INCOSE Committee,

We would like to extend a very deep thank you for your continued support of the educational opportunities of our students. Attached is a slide show sharing some of our students incorporating the new materials for our engineering curriculum. Because of your continued generous support, our school now has students in grades 4 through 8 that are actively developing their skills with engineering design, construct building, self-testing, and modifying simple working machines. These same students are currently implementing the new materials to challenge their working models with motorized chassis.

There is no replacement for the hands-on project-based learning experiences you have funded for our students. These experiences are priceless. We were able to purchase 6 class sets of motorized components to implement with prior construct units. As we continue to develop our program in engineering we have set our future goals to include the acquiring of a 3D printer and program software. Our plan is to take our students from simple construct designs, to motorized chassis of working models, to designing and producing their own parts for more complex working machines. Thus far we have achieved the first two phases of our engineering program, and look forward to test our third phase of 3D printing constructs.

Thank you again for your generous support in our students' educational development. I know you will enjoy seeing the expressions of the students as they share their engaged learning experiences with their fellow students.

With great appreciation,

Science Team

Good Shepherd Catholic School