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### Proposal for a Minigrant

As a teacher at a county wide comprehensive vocational technical high school, I have to tailor my teaching methods to meet the students' needs more so than at a regular academic based high school. My students are a mixed lot. Some will go on to college with the intentions of pursuing science; however, the majority of the others will enter into careers their senior year on co-op and work those jobs until they retire.

For these students, the best activities and lessons are hands on. Many of the shops from which I receive students are oriented toward engineering and manufacturing, service industries, automotive trades and construction. No matter what the focus of the students' technical areas they all have some experience with concrete: construction trades actually work with it; automotive trades need it for roads; and the service and manufacturing areas need it for their buildings. Most students really do not know much about how concrete works or how changing individual aspects of the mixture will affect the outcome of the final product.

I would like to order the package about concrete offered through Materials World Modules to use with my class. It will provide an additional inquiry based lesson with information that they can all relate back to personal experiences. The lessons will apply to everyday life, enhance shop skills, and improve science skills. It allows additional enrichment through writing across the curriculum activities and is a perfect opportunity to integrate science, math, English, and each student's shop area all at once.

In order to use the material efficiently I would need:

Teacher Manual (CONCTEA)	\$40.00	(1) = \$40.00
Student Manual (CONCSTU)	\$14.00	(15) = \$210.00
Basic Starter Kit (CONCBAS)	\$456.00	(1) = <u>\$456.00</u>
		\$706.00
	UPS ground shipping (4%)	<u>+\$28.24</u>
	<b>TOTAL</b>	<b>\$734.24</b>