



Sample- Past Winner

Devon Canada's Science Giants Grant

Application Form

School Name:

School Street Address:

City:

Teacher / Applicant Name:

School Telephone Number:

Principal Name:

Province: Alberta Postcode:

Email:

Alternate Telephone Number:

How did you hear about Science Giants grant: Other

Other: Brochure at ATA science conference a few years ago

How many students attend your school? 650

Is this an aboriginal school? No

What is the aboriginal population percentage?

Confirm how many students will benefit from the grant?: 225+

What is the title of your project?: Welcome to Chargerville

Have you received Science Giants grant funding before?: Yes

Will you need extra funding to complete your project?: No

Explain how the grant will be allocated to impact and improve student achievement in science.

How many students will benefit from the grant? Welcome to Chargerville signs will lead guests into our school as they think they are entering the newest development of South East of the city. What they are really visiting is the latest science project by grade 9 Pre-AP students at the school. This project integrates math and science into an engineering task to design a community of 25 houses at a 1:24 inch scale. Students start by researching the design of houses and creating scale drawings, then build them with corrugated plastic. Each house will be wired with parallel circuits that include lights, a doorbell, and fans. The goal is to connect sections of houses to different alternative energy sources, such as wind generators, solar panels, water turbines, and a bike generator, all of which our school already has. Students will design posters to promote their project with sayings such as Welcome to Chargerville, a Science Giants Project sponsored by Devon Energy or Chargerville Show homes by Science Giants. To help students

understand the complexities of city planning and the scientific understanding needed when constructing a neighbourhood we will bring in guests from the city and local building contractors to speak to our students. Through this project based learning experience students will improve their achievement in science as they learn to apply their knowledge and skills to real world scenarios. The impact is endless as the activity will continue for many years and include our Pre-AP students presenting to the other grade 9 classes and visitors to the school.

How much are you requesting (\$5,000 maximum)? Please provide a detailed budget breakdown?

Description	Amount
Corrugated Plastic \$16/sheet x60 sheets from our distribution centre	\$1050
Batteries D Cell Costco	\$50
Switches - Boreal code 6311600	\$220
LED/Lights from micromark.com	\$85
Buzers - Boreal 4645900	\$110
motors with fans Boreal 680650	\$330
wire	\$50
printing costs for signs, floor plans, and neighbourhood design	\$500
Paper rolls for net drawings from our distribution centre	\$165
Supplies for constructing (12 of each:glue guns, glue, tape, exacto blades, tape measures)	\$750
Solder Guns and Solder Canadian Tire	\$200
Aesthetic Material for area (stonewall stickers, trees, popsicle sticks)	\$400
Street lights online model train distributor	\$200
Power Supply Back-up Boreal code 160103	\$475

How will you report to Devon on the outcomes of your funding (i.e. pictures, testimonials)?

While students work on the projects I will be documenting their journey through videography and photography. At the end of the projects we will be creating a video that to show the learning process. All of these digital documents will be forwarded on to you along with written testimonials from the students, teachers, and the principal that are involved in the activities. Our school has been in the media before for the work that we do. We would also send any of those media related documents on to you. Our school will also feature these activities at our open house and allow community members to experience the hands-on activities. To

summarize we will provide you with: Pictures, Videos, Presentations, Testimonials from: Teachers, Students, the Principal and community members. Any media related documents our school would be willing to include a logo from your company in any of the videos or presentations as the sponsor of this project.