

Grant Application Cover Sheet

First Name

Last Name

Sarah

Gould

Position

School Name

School Phone

2nd Grade Teacher

Abilene Elementary

(316) 755-7020

School Address

City

State

Zip Code

522 N. Abilene

Valley Center

KS

67147

Grant Application

Project Title

Evoking the Spirit of Innovative and Creative Thinking Within Science

Amount of Funds Requested

\$500.00 (Members up to \$500 and Non-member Kansas teachers up to \$250)

Number of students reached by project

50 (Estimated)

Age/Grade level to which project is directed

2nd Grade (7 & 8 yr olds)

Type a brief description of your project and what you hope to accomplish with this project.(In your description do not include the name of your school or your name).

The project I am proposing funding for allows children to experience incredible Science explorations through project-based learning. This module is aligned with high-levels of thinking within the Common Core State Standards. This kit will offer children the opportunity to use the Scientific Method to engage in high-interest real-world topics correlating with air and weather. These materials evoke high-order thinking to answer “why?” and “how?” questions, as well as deepening comprehension with reading and writing skills. The main learning objectives include: (The student will...) •Develop an interest in air and weather. •Experience air as a material that takes up space and can be compressed into a smaller space. •Observe the force of air pressure pushing on objects and materials. •Observe and compare how moving air interacts with objects. •Observe and describe changes that occur in weather over time. •Become familiar with instruments used by meteorologists to monitor air and weather conditions. •Compare monthly and seasonal weather conditions using bar graphs. •Observe the location of the Sun and the Moon in the sky over a day and the change in the appearance of the Moon over a month. •Organize and communicate observations through drawing and writing. •Acquire vocabulary associated with properties of air and weather conditions

Why is this project needed for your school? (Do not include the name of your school or your name)

We currently do not have Science materials that are modern and focus on the newest Common Core Science standards. This kit is aligned with student interest and our most recently adopted standards that raise the bar, so to speak, with student thinking. I cannot personally replicate everything that this module offers students and we are in desperate need to promote independent, innovative and creative thinkers. However, we do not have the funds to purchase these materials ourselves.

What is the projected long-term effect of this project on your students, school, district?

When you allow students to explore their own natural curiosities, make them aware of their own meta-cognition, provide exploration opportunities that that steer themselves, and provide cross-curricular learning opportunities to enrich their comprehension then you are establishing a foundation for their future processing. Student achievement will not only improve via independent thinking within the school and district, but you are also creating a workforce of people who are competitors in a global workforce. They will possess the natural skills to analyze, problem-solve, and question the tasks presented to them which are the 21st century learning skills needed for current and future jobs. However, while examining just the short-term benefits, I hope that my students will expand their knowledge on the content taught within the module and then be motivated to design and implement their own experiments via the Scientific Method.

Time line of project implementation/completion

This kit is reusable and will be utilized each Spring, stretching from the end of March through the month of May.

Project Budget (materials and itemized costs)

(Info. courtesy of <http://delta-education.com/productdetail.aspx?Collection=Y&prodID=1092&menuID=3>)

Name	Item #	Price
Air and Weather - Student Books (English, 8 pack)	WX542-2033	\$45.00 x 3 sets
Air and Weather - Science Notebook	WX1013825	\$5.95
Air And Weather - Teacher Conversion Kit	WX742-5060	\$293.00
Air And Weather - Equipment Conversion Kit	WX742-8003	\$59.15
SUB-TOTAL: (Before tax and shipping)		\$493.10

Thank you for your consideration of this project. It's greatly appreciated.