

2014-2015 Educational Grant Application

Submission Date	2014-03-24 17:43:26
Name of Grant	Some Like It Hot, Some Like It Cold
Primary Contact	Pam Engel
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Phone Number	(214) 495 6750
Additional Teachers/Staff who are applying for or will be working with this grant:	Shawn Heisler Elizabeth Yearwood Breanna Daniels Brenda Volling
Campus	Bolin Elementary School
Curriculum Area	Science
Other Curriculum	Math, ELA
Grade Level(s)	3rd, 4th, and 6th-assisting
Students Impacted	150
Approver Name	Reena Varughese
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Project Purpose	The students will be able to work on science, math, and reading / writing skills such as states of matter, measurement, and critical writing. The students will have a hands-on approach with measuring ingredients, exploring and discovering the states of matter, writing a reflection and evaluating their experience.
Project Description	Third and fourth grade students will be invited to Third and Fourth Grade Science Night where they will witness an engaging demonstration of some of the states of matter through a dry ice bubble that changes states of matter when it pops. Following this, students will rotate through 2 stations to participate in the following hands-on activities: making snow and making ice cream. The students will be able to witness the actual transformation in a real life setting of the states of matter. Following the experiments, students will be given a journal in which they will produce a piece of critical writing about their experience at the two stations. Students will also be provided with a packet of simple experiments to take home and perform over the summer.
Allen ISD Goals/TEKS	Math 4.11A Estimate and use measurement tools Science 4.5A States of Matter Reading 4.13A Procedural Texts

Measurements	When the experiments are completed successfully, students will be able enjoy their final products of ice cream and snow. This enables the students to feel successful.
Teaching Methods	Reading procedural texts, Writing responses, Math measuring, Science states of matter, and public speaking instruction will be used to implement this program.
Timeline for Project	April 2015
Curriculum/System Support	The students struggle with science and math concepts and this program helps them by providing hands on experiences. From start to finish all students are involved. They will deeply understand measurement and science with this grant, as well as apply it to real life.
Additional Comments	This activity requires many ingredients and supplies; therefore, we need money to implement this learning process. Thank you for the opportunity to ask for a grant for this engaging, student-centered program.
Instructional Supplies or Resources	Food Products for Ice Cream \$85 Dry Ice and Supplies for Bubbles \$20 Instant Snow \$35 Plastic Bags for Ice Cream and Snow \$35 Science Night Pencils \$25 Cups for Snow \$10
Supplies Budget	210.00
Technology	NA
Technology Budget	0
Staff Training / Staff Development	NA
Training Budget	0
Transportation/Field Trip	NA
Transportation Budget	0
Other	NA
Other Budget	0
Total Budget	0
Additional Funds	NA