2014-2015 Educational Grant Application

Submission Date	2014-03-04 17:43:38
Name of Grant	Science on the Move
Primary Contact	Iris Seria
Applicant E-mail	iris_seria@allenisd.org
Phone Number	(214) 495-6750
Campus	Bolin Elementary School
Curriculum Area	Science
Grade Level(s)	K-6
Students Impacted	300
Approver Name	Reena Varughese
Approver E-mail	reena_varughese@allenisd.org
Project Purpose	The Science on the Move program helps reinforce learning for all grade levels, especially the sixth grade students. It provides a fun and creative way for sixth grade students to share their learning with younger grades in the school. At the same time, the younger grades love to be taught by the older kids. It ends up being a great experience for all.
Project Description	Science on the Move works so well because it is student driven. Students help determine what is taught and how it is taught. Two to three times per school year, the sixth grade students will present a lesson on a TEK that they have just covered. An email goes out to all teachers allowing them to sign up for a time slot. Five to six sixth grade students go to each class, each having a specific responsibility for the lesson. The lesson includes an introduction, a class activity, a group activity (like a mini lab or game), and a brief review of the lesson. They are graded by the classroom teacher who uses a simple rubric, and a student (6th grade) write up of the experience at the end. Students are also graded on their preparation in the classroom before going out to teach the younger kids. Sixth grade students come back to class so excited to share their experiences and even have a greater appreciation for what teachers go through to prepare a lesson and manage a classroom. Most of all, they learn so much more when they actually have to teach the information.
Allen ISD Goals/TEKS	--The engage students in learning. --To use creative teaching and a variety of ways to improve learning --To include the academic TEKS that are vertically aligned across grade levels for each of the different lessons taught.

	--To promote higher level thinking and add rigor to the subject. It can be very thought provoking. and require quite a bit of planning to make sure the subject is taught in an age appropriate way. This can greatly vary as sixth grade plans to teach grades K - 5.
Measurements	Student participation and excitement for the program. Teacher and student evaluations of the activity. Teachers continuing to sign up and have students come to their classrooms to present Science on the Move. An average of 16-20 classes are taught for each Science on the Move activity.
Teaching Methods	Lab demonstrations, hands on mini labs and games, smartboard activities, songs, powerpoints, videos, questions/answer, graphic organizers.
Timeline for Project	Science on the Move goes throughout the year. There is one lesson during the first semester, and two during the second semester.
Curriculum/System Support	This program covers all sixth grade TEKS, and in most cases vertically aligns with K-5 TEKS where possible.
Additional Comments	The excitement that all students involved feel from Science on the Move, is so rewarding. They always ask when the next one will be. Students really understand the necessity of preparing well, and after the first one of the year, they make comments like: "I was really worried, but it was so fun when I got there." "Those little kids are really smart." "Next time I'll know my part better." "When's the next Science on the Move, and what will we teach?" Etc. These comments make the challenge of preparing and presenting this program so worthwhile.
Instructional Supplies or Resources	Lab supplies are mostly consumables like paper products or food products (i.e. oreo cookies, balloons, straws, adding machine tape, tin foil, sugar cubes, etc.). I would also like to purchase mineral sample kits, posterboard or large construction paper, mini Newton's Cradles and density cubes. Generally, costs are about $.50/student x 3 Science on the Move presentations. $100 x 3 = $300.
Supplies Budget	$300.00
Technology	The technology needed is mostly already provided at the school. However, I would like to download a few Apps for Science on the Move. Normally they run about $2.99/app (if it isn't free) x 25 Ipads.
Technology Budget	75.00
Staff Training / Staff Development	None
Training Budget	0

Transportation/Field Trip	None
Transportation Budget	0
Other	None
Other Budget	0
Total Budget	$375.00
Additional Funds	N/A