



## Foundation For Allen Schools Grant Application

**Scholarship Fund Amount: \$0**

Application #: AP215710

Applicant First Name: Kelly

Applicant Last Name: Merrill

Applicant Email Address: kelly.merrill@allenisd.org

Gender:

Cell Phone #:

High School:

Post Secondary School:

Application Status: Submitted

### Application Questions and Answer

Question	Answer
Preferred name/name that you go by:	Kelly Merrill
Best phone number to reach you at:	+17138174056
Campus	Rountree Elementary School
Grade(s)	5
I have co-applicants:	Yes
Please provide your work-related Facebook contact information.	
Please provide your work-related Twitter contact information.	@merrillsclass
Name of Grant	Let it Flow!
Please select the MAIN curriculum area your grant addresses.	Science / STEAM

Does your grant have a technology component?	No
Will other campuses be involved/impacted?	No
Will other grades be involved/impacted?	No
How many students will be involved in this grant?	50
Are there any additional funds available for this grant?	No
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	This hands-on activity will help engage students to better understand the process of erosion and deposition. This concept has historically been difficult to provide a hands-on opportunity. Additionally, this user friendly kit will model the process in a realistic way for students to understand on a deeper level.
How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	This kit will allow students of all learning abilities to engage in the process of erosion and deposition. We would use the materials to conduct the interactive labs that are an integral part of the the 5th grade science curriculum. All of the students in 5th grade would benefit from having hands on experiences while doing the labs. Students at this age learn so much more by performing the experiments themselves so the they have the opportunity to test different ideas and strategies. If we do not have the materials we have to rely on pictures and videos to teach important concepts, when hands on is the best way to learn.
Provide a brief summary for use on the Foundation's website and social media.	Lab Aids Stream Erosion and Deposition Kits help students learn science through hands-on exploration and inquiry. The investigations and activities bring science to life for our students so they learn by doing.
Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.	4.8(B) describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process 5.7(A) explore the processes that led to the formation of sedimentary rocks and fossil fuels 5.7(B) recognize how

	landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, or ice
What specific measurements will be used to evaluate the effectiveness of the project?	-journal entries -lab notes -progress monitoring assessments -reflections -small group conferences with students -students recording their learning
What teaching methods will be used to implement this project?	Engage: to spark interest and bring in prior knowledge Explore: during the hands on lab with the kits Explain: write about the process and use the data to explain what happened and why Elaborate: make connections to other curriculum areas and discuss what questions you would still like to investigate Intervention: reteach and provide guided practice as needed Acceleration: provide opportunities for extension of concept learned
What is the project timeline and the date of implementation?	This project would be implemented in the fall of 2020. As all components of the kit are reusable, it will be used in years to come!
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	"Let it Flow!" will provide the resources and tools to empower student exploration and learning. It will promote a deeper engagement with science content, empower students in self-directed learning, and foster a spirit of curiosity that will extend learning beyond the classroom.
Total Grant Budget Requested:	576.41
	

### Additional Co-Applicants Set Number 1

Question	Answer
First Name	Tina
Last Name	Kitzman
Email	christina.kitzman@allenisd.org
Campus	Rountree Elementary School
Grade:	5

### Additional Co-Applicants Set Number 2

<b>Question</b>	<b>Answer</b>
First Name	Paige
Last Name	Zettler
Email	paige.zettler@allenisd.org
Campus	Rountree Elementary School
Grade:	5

### Project Budget Set Number 1

<b>Question</b>	<b>Answer</b>
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Modeling Stream Erosion and Deposition Kit
Unit Cost	192.14
Quantity	3
Total cost of items in this category:	576.41