



Foundation For Allen Schools Grant Application 2021

Scholarship Fund Amount: \$0

Let's get to know you!

Please provide your work-related Twitter contact information.	@Mrs_Twedt
Please provide your work-related Facebook contact information.	
I have co-applicants:	No
Best phone number to reach you at:	+14079239806
Campus	Green Elementary School
Grade(s)	5

Additional Co-Applicants

Campus	Green Elementary School
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Project Information

Are there any additional funds available for this grant?	No
Will other grades be involved/impacted?	No
Will other campuses be involved/impacted?	No
Does your grant have a technology component?	No
Please select the MAIN curriculum area your grant addresses.	Science / STEAM
How many students will be involved in this	

grant?	95
Name of Grant	ScienceSaurus! Bridging Science and Literacy

Project Information Continued

<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>ScienceSaurus Student Handbooks Level 4-5 adds support to and supplements the hands-on science done in the classroom, lab, or STEAM club while also reinforcing literacy, building vocabulary, and increasing comprehension. It is a one-stop-shop reference aid bridging a much needed gap between science and literacy.</p>
<p>How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?</p>	<p>The target population would be all 5th grade level learners at Green, as well as a quick reference for STEAM club members. These handbooks can be used for reading reinforcement, spiraling content from prior grade levels (since 5th grade is science STAAR tested), and also extend them to the next level of 6th grade non-fiction reading/comprehension. Science teachers would plan to use the handbooks weekly in station work, as a research and exploration tool, to enhance teacher instruction, STAAR review, and as a reward to simply read...they are that good!</p>
<p>What is the problem, need or opportunity that this grant will address? Describe the impact of</p>	<p>For science instruction, we have an amazing team, coach, vertical team support, and a wealth of background knowledge. We utilize as much hands on Science (as COVID will allow right now), technology, simulators, videos, and STEMscopes as our curriculum guide. The challenge with teaching 5th grade science is not having a quick tangible resource to review TEKS from K-5 in stations or simply as an immediate, reference. We know technology is ideal, however, STEMscopes is not a quick reference source. A class set of physical books for a resource, would be an awesome way to supplement our resources as well as provide our students with an age appropriate reference book to support literacy. I have used ScienceSaurus as a resource at my former district, and I can say with certainty that a set of ScienceSaurus Handbooks for students is an opportunity to give kids a more comprehensive understanding of science</p>

<p>this project on your students.</p>	<p>while also supporting reading and writing. Having a "go-to" resource will have a powerful impact on the content being taught. It will help them retain information longer, and also give them a physical resource for their learning. With 5th grade being a Science STAAR tested grade level, the need for spiraling content and pulling small groups for understanding and reinforcement is key. A physical resource that has been vetted to be successful at helping students understand content would be an amazing asset to our science classes. The handbooks have extremely informative visuals and very focused, clear explanations of our Science TEKS which will allow teachers to reinforce literacy and expand vocabulary. A class set of ScienceSaurus books will be an adaptable resource for many classroom uses as well as years to come.</p>
<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.</p>	<p>5.4 Scientific Investigation and Reasoning. The student knows how to use a variety of tools and methods to conduct science inquiry. 5.1 Reading/Fluency. Students read grade-level text with fluency and comprehension. 5.2 Reading/Vocabulary. Students understand new vocabulary and use it when reading and writing.</p>
<p>Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.</p>	<p>The class set would give each child opportunities support with their learning. This would save money on copies, students will not have to share books. Kids could read at their own pace, extend and enhance learning from the handbook. Teachers are also reassured that the content is at the appropriate reading level (and content level), unlike internet searching for content support.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>These handbooks will be used throughout the school year and for years to come!</p>
<p>What teaching methods will be used to</p>	<p>In addition to being used in small groups, stations, as resources, etc. These handbooks can easily be used to incorporate the 5 Es of science instruction. Engage: Spark interest on specific subjects, or topics never explored before. Explore: Dive into reading and researching on a topic of choice or one assigned. Explain: Use evidence from the text to support claims and research. Elaborate:</p>

implement this project?	Give detailed information on given topics supporting the writing process. These handbooks will also be used during Intervention times to provide reteach opportunities or to use as guided practice. They will also be used as enrichment to spark interest and creative/critical thinking activities for those who need to be challenged.
What specific measurements will be used to evaluate the effectiveness of the project?	-Journal entries to record learning -Lab notes -Progress monitoring assessments -Reflections -Exit tickets/Quick checks -Small group discussions

Project Budget

Total Grant Budget Requested:	2299.00
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Almost done!

	
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Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Student Handbook (Hardcover) Grades 4-5 Hardcover ISBN-13/EAN: 9780544058767
Unit Cost	41.80
Quantity	55
Total cost of items in this category:	2299.00