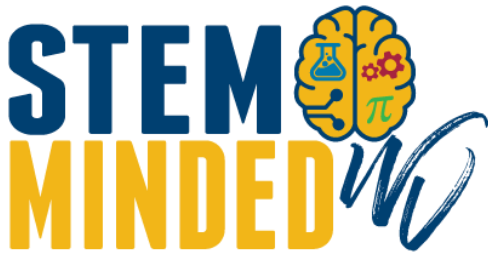


2020-21 STEM-minded GRANT APPLICATION



Imagine that you could send a bag of supplies home with each of your students for their remote learning days. Imagine if you could create sets of STEM materials for your classroom so that no students would need to share. What supplies would you choose? If you could do something new and different in this time of remote learning and extra classroom cleaning, what would you do? If you had \$1,000 to spend on supplies, consumables, or technology, what would you purchase? What lesson would you teach? What would you have your students create? What problem would you have your students solve?

Given the current nature of our learning environment, many students do not have opportunities to participate in STEM activities. The goal of the STEM-minded educator grants is to fund student-centered STEM projects that are designed to engage students in interdisciplinary STEM learning. Emphasis will be given to projects that meet the challenge of remote learning (e.g., STEM kits to be sent home, or technology that will allow your students to complete a task) or in-class activities (e.g., bins of materials for each student). The WVDE encourages and supports academic activities that will motivate and challenge students around STEM with an innovative approach that meets the needs of today's learning environment. Proposals for the STEM-minded educator grants must include a simple lesson plan. Lesson plans from those receiving grants will be shared on the WVDE STEM-minded WV website (<https://wvde.us/stemmindedwv/>).

GRANT GUIDELINES

The STEM-minded educator grant program will provide up to \$1,000 to be used to provide materials or technology that can be packaged and sent home with students for a remote STEM activity or used in the classroom in such a manner that all students can participate. All WV public school educators are eligible to apply for the STEM-minded educator grants.

PRIORITIES

- Funds will support a proposal that promotes student engagement, is innovative, and provides a plan that can be replicated by other educators.
- The proposal is designed to meet the challenge of remote learning (e.g. STEM kits to be sent home, or technology to allow students to better complete a task) or in-class activities (e.g. bins of materials for each student).
- The proposal includes a lesson plan, as well as lists of needed materials.
- Materials purchased will be the property of the school if they are not determined to be disposable or consumable.
- Please review the rubric found at the end of this document for additional criteria.

WHAT WILL NOT BE FUNDED:

- Travel, presenters, or substitutes
- Subscriptions
- Prepackaged programs



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APPLICATION INFORMATION AND DEADLINES

Applications for grants will be submitted through a Microsoft form, and will include a budget and signature sheet printed and signed by the applicant and principal, which will need to be scanned and uploaded via the form.

[Application Form Link](#)

Applications should be submitted using the form linked above by **4:00 p.m. on January 15, 2021**. No late submissions will be accepted. Applications will be evaluated using the rubric at the end of this document.

APPLICATION INSTRUCTIONS

Gather the following information and have it ready when you access the application form.

- Applicant's Name
- County Name
- Applicant's Email
- Best Contact Phone Number
- Applicant's Signature
- School Name
- School Address
- Principal's Name
- Principal's Email
- Grade Band

Develop responses to the following questions and have them ready when you access the application:

- What is the title of your lesson?
- Is this lesson for an activity(ies) to be completed by students at home or in the classroom?
- Provide a simple lesson plan (no more than 500 words) describing the lesson(s) that will be made possible through this grant, including how students will be assessed, and the standards addressed (include just the standard numbers, e.g. M.8.22).
- In your own words, how is this project related to STEM?
- Provide a sample list of materials to be provided to each student (e.g. – 50 Popsicle sticks, 1 bottle of glue, 1 thermometer, 1 bottle of water, 7 plastic cups, 40 cotton balls, 1 copy of *Not a Box* by Antoinette Portis, etc.)
- How many sets of materials will be created? How many students will this serve?

Please note that the information provided above in the application will be published on the WVDE STEM-minded website as a resource for WV educators. Also, please note that a reflection and final lesson plan will be due to WVDE by October 15, 2021. The final lesson plan will also be published on the WVDE STEM-minded website. All grant funds will be sent to your county board office to be spent using county purchasing procedures.

All questions regarding the STEM-minded educator grants should be directed to Erika Klose, eklose@k12.wv.us.



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2020-21 STEM-minded GRANT EVALUATION

Please refer to the following criteria when considering your application for the grant.

Criteria	3 Points	2 Points	1 Points	0 Points
Innovative	The project is creative, original, and redefines learning experiences that would not be otherwise possible.	The project is creative and has a fresh take on an existing idea. Learning experiences are enhanced because of this initiative.	The project is creative but not original. Learning experiences are enhanced because of this initiative.	The project lacks creativity and originality. Learning experiences are not enhanced because of this initiative.
Remote Learning	The project creatively solves a problem created by remote learning or by limitations placed on classroom instruction due to COVID-19.	The project solves a problem created by remote learning or by limitations placed on classroom instruction due to COVID-19.	The project minimally addresses a problem created by remote learning or by limitations placed on classroom instruction due to COVID-19.	The project does not address a problem created by remote learning or by limitations placed on classroom instruction due to COVID-19.
Student Impact	The project directly addresses practices that improve student success or engagement across a variety of disciplines.	The project addresses practices that improve student success or engagement in multiple disciplines.	The project is likely to have secondary effects that could enhance student success or engagement.	The project will have minimal effect on student success or engagement
Lesson Repeatability	All educators will be able to use the provided lesson plan description and materials list in order to duplicate this lesson, or lessons, in their own classrooms.	Educators will be able to use the provided lesson plan description and materials list with support to duplicate this lesson, or lessons, in their own classrooms.	With additional planning, educators will be able to use the provided lesson plan description and materials list in order to duplicate this lesson, or lessons, in their own classrooms.	Educators will find it difficult to use the provided lesson plan description and materials list in order to duplicate this lesson, or lessons, in their own classrooms.

Due Date: 4:00 p.m. on January 15, 2020



West Virginia DEPARTMENT OF
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2020-21 STEM-minded GRANT BUDGET

Project Budget Instructions - Please provide an itemized budget for this project. Include materials to be ordered or purchased. When drafting this budget, please ensure that your budget is in alignment with your county's purchasing rules.

Project Budget			
If more room is needed, feel free to attach additional information when submitting the application. Please note: shipping & handling CAN be included in your request			
Project Title:			
School Name:		Educator Name:	
Expenses			
Item	Cost per item	Quantity	Total Cost
Total Funds Requested from WVDE:			

2020-21 STEM-minded GRANT APPLICATION

Signature Sheet

Instructions:

Please complete this sheet, sign, scan, and upload through the file upload in the application form.

Project Name:

Total Funds Requested from WVDE:

School:

Educator Name:

Educator Signature: _____

By signing above, I indicate that it is my intention to follow all county purchasing procedures, and to use these funds in the manner described.

Principal Name:

Principal Signature: _____

By signing above, I indicate that I am aware of this grant application and will assist in following all county purchasing procedures, and to use these funds in the manner described.



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