

**NASA West Virginia Space Grant Consortium
K-12 Professional and Curriculum Development
Program 2021-2022 Application Form**

One of the main goals of the NASA West Virginia Space Grant Consortium is to support programs that engage K-12 teachers in STEM-related and hands-on activities which promote the use of NASA-developed training programs; and to support STEM teachers (in-service and pre-service) to take advantage of professional development opportunities. To achieve this goal, the Consortium invites teachers, schools, or organizations to design and implement new K-12 curricula or professional development projects for the 2020-2021 academic year. Successful proposals may include professional development opportunities for teachers; school-based activities that include follow-up presentations at a state math and/or science teacher conference; or expenses for teachers to attend a training workshop or institute with a follow-up presentation at a state or regional conference. For example, expenses may be requested to cover the cost of materials for a school based activity if plans include a presentation at a statewide math or science conference and funding is also requested to support similar materials for participants at that conference. Expenses for attending the follow-up conference may be included as part of the budget request.

The following evaluation criteria will be used by the Consortium to select the winning proposals:

Category #1: Creativity, Long-Term Viability, and Scientific Merit (Weight: 30%)

1. The project aligns with one of the four NASA Mission Directorates (Aeronautics Research, Human Exploration & Operations, Science, and Space Technology) and has the potential of having a significant impact on STEM programs in West Virginia. For a list of NASA research priorities and WV priorities in Science and Technology, please see www.wvspacegrant.org/resources/downloads/. (10%)
2. The project idea and design are creative and innovative. (10%)
3. The project design is technically sound and worthy. (5%)
4. The proposal is well-written, plans to use NASA developed programs, and is well-organized. (5%)

Category #2: Depth and Breadth of Impact on Teachers and Students (Weight: 20%)

1. Successful completion of this project impacts a relatively large number of STEM educators in West Virginia. (10%)
2. The potential impact on the students in the future is significant. (10%)

Category #3: Extent of Collaboration and Support by Other Organizations

(Weight: 10%)

1. This is a highly collaborative project. (5%)
2. Extent and nature of collaborative efforts are well documented. (5%)

Category #4: Alignment with State and National Math and/or Science standards

(Weight: 10%)

1. The proposed project aligns with state math and/or science standards. (10%)

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Category #5: Appropriateness of the Budget to Project Goals (Weight: 15%)

1. The budget is realistic for the work proposed. Note: Waived/unrecovered indirect costs can be used as cost-share. (5%)
2. The budget justification is sufficiently detailed. (5%)
3. Specific tasks are related to personnel, time, and budget. (5%)

Category #6: Plans for Evaluation and Publicizing the Outcomes (Weight: 15%)

1. An evaluation strategy is clearly defined and will provide information for future improvement. (10%)
2. Plans for publicizing the award and the results of this project are clearly defined. The principal investigator will recognize sponsorship by the NASA WV Space Grant Consortium in all oral presentations and appropriate printed materials. (5%)

The amount requested for each proposed activity should not exceed \$5,000 to be cost-shared 1:1 from non-federal sources. The consortium will assist applicants with identifying sources of cost share, if requested. Please note that the applicant is responsible for the completeness and accuracy of the material contained in the proposal. Any deviation from the stated rules and requirements will result in disqualification of the proposal. All proposals should contain the following:

1. Cover page (a copy is attached)
2. Project description (no more than three pages, including a timeline)
3. Budget (one page, including explanations)

Appendices: Appendices should include a one-page resume of the investigator. Other supportive information can be added but should not exceed five pages. Also, please list all past awards, if any, received from NASA WVSGC or NASA WV EPSCoR including project title, award dates and amounts. If prior funding has been awarded by Space Grant, explain how the proposed project differs from the previous project(s).

Schedule

Proposal due date: Monday, March 9, 2021, by 11:59 PM (EST)

Awards announcement date: Mid-April 2021

Anticipated project start date: May 16, 2021

Project duration: One year

Proposals must be submitted **online only**. Proposals received after the deadline will not be considered. Please submit the online application [here](#). For more information and additional requirements, please visit the [program page](#). For all questions, please contact the NASA WVSGC/NASA WV EPSCoR office at (304) 293-4099 or email: Candy.Cordwell@mail.wvu.edu.

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**Cover
Page**

Project Title: _____

Principal Investigator: _____

Signature: _____

Institution: _____

Address: _____

Telephone: _____

Email: _____

Mission Directorate(s): _____

Request from NASA WVSGC: \$ _____

Cost Share: \$ _____

Total Budget: \$ _____

INSTITUTIONAL APPROVAL:

Institutional representative certifying availability of cost share funds:

Name and Title: _____

Date: _____

Signature: _____

Institution: _____

Address: _____

Telephone: _____

Email: _____