Green Bank Observatory

2024 Student Application
Part II

July 7-20, 2024

Green Bank Observatory
155 Observatory Rd.
Green Bank, WV 24944

QUALIFICATIONS

DO NOT COMPLETE PART II UNTIL YOU HAVE COMPLETED PART I

Required Qualifications:

- Complete Part I of the Application online located here: https://forms.office.com/r/zLRcctBkzq
- Attend middle school in West Virginia and plan to be in attendance next year
- A resident of West Virginia
- A **eighth grade** student at the time of application
- Must not have attended GSI in the past
- Have a grade-point average of at least 3.0
- Have a recommendation from the school principal (within this application)
- Have a recommendation from a math or science teacher (within the application)
- Have one other teacher recommendation (within the application)
- Must satisfy all immunization requirements set by the West Virginia Department of Health and Human Resources (DHHR). Nonpublic school and homeschool students must provide proof of immunizations.

General Information

- The state deadline for Part I and II of the application is **Friday, April 12, 2024**. It is the responsibility of the student to collect all required documents.
- Part II of the application (this form and all supporting documents as required within the application) are submitted to the school counselor. The school counselor must scan the application and supporting documents into one PDF file and submit the electronic files to the principal for the school recommendation. Once the principal has signed the principal recommendation form, the school must submit the PDF applications and the recommendation for to the county superintendent.
- A copy of transcripts is required with the application. This document will need to be provided by the school counselor.
- Within the application, you will be required to secure two recommendations. Please provide sufficient notice to your teacher prior to submitting the application.
- On the final page of this application, you will find a checklist of all required pieces. We recommend asking a teacher or counselor to review all student information before submitting the completed application to the school counselor.

If you have questions, please contact Dustin Lambert, WVDE State Coordinator of West Virginia Governor's Schools – dllambert@k12.wv.us or (304) 558-5325.

Student Demographic Information

First Name: _____   Middle Name: _____

Last Name: _____   Preferred First Name: _____

Birthdate: _____   County: _____

School: _____

Student's Mailing Address: _____

City: _____   State: _____   Zip Code: _____

Student's Preferred Phone Number: _____   T-Shirt Size: _____

☐ Male   ☐ Female

Are there lodging accommodations the college/university should consider? Please explain.

If there are additional dorm considerations, parents/guardians may contact Dustin Lambert, Governor's Schools Coordinator for further discussion at (304) 558-5325 or dllambert@k12.wv.us.

Student's K12 Email Address: _____

Parent/Guardian 1 First and Last Name: _____

Parent/Guardian 1 Preferred Phone Number: _____

Parent/Guardian 1 Email Address: _____

Parent/Guardian 2 First and Last Name: _____

Parent/Guardian 2 Preferred Phone Number: _____

Parent/Guardian 2 Email Address: _____

Student's Grade Level: _____

Current Cumulative GPA: _____

Parent and Student Verification Form

Student's First and Last Name: _____

This form is to be printed and completed by both the student and a parent/guardian using blue or black ink. Please attach this document to the application when submitting to the school counselor.

The following assurances must be initialed by both a parent/guardian and the student to participate in the Governor's STEM Institute (GSI) if selected by the state selection committee. Your initials confirm you agree with each statement.

West Virginia Governor's STEM Institute (GSI)		
Student Initials	Parent/ Guardian Initials	Please carefully read each statement before initialing.
		If selected, we agree to provide all requested medical (including prescriptions) and educational information to the GSI Dean at the Green Bank Observatory.
		The GSI program requires concerted academic focus, preparation, and motivation from all students. Participants are expected to demonstrate professionalism, self-discipline, and respect for self, others, the program, and the host institution.
		I consent to my son's/daughter's likeness, name, school, and hometown to appear in public media including newspapers, TV, radio, and the internet. Addresses and phone numbers may be printed in the student directory and shared with fellow GSI scholars during the sessions.
		I certify that I am a resident of the state of West Virginia and that I attend a public, nonpublic, or homeschool within the state.
		I give permission to the West Virginia Department of Education (WVDE) to release my child's name, likeness, and contact information to institutions recognizing and/or supporting the GSI program.
		If selected for GSI, I agree to fully participate in GSI July 7-21, 2024.
		We agree to abide by the regulations of the West Virginia Governor's STEM Institute and the Green Bank Observatory, including a mask mandate if required. Your initials also indicate an understanding that students who do not follow the rules will be sent home.
		Student records and applications are retained by the West Virginia Department of Education within a secure database. The applications of the selected students and/or the data in an electronic format will be transferred to personnel at the Governor's STEM Institute. Every precaution is taken to safeguard student records. I understand the selection committee will keep all information confidential and securely maintained.

_____   _____
Parent/Guardian Signature   Date

_____   _____
Student Signature   Date

Principal Certification

This form is to be printed and completed using blue or black ink by the school counselor. The principal or assistant principal must sign at the bottom to certify the information below. Please attach this form to the application before submitting to the online file submission folder.

Student's First and Last Name: _____

Student's Current Grade Level: _____

Student Cumulative GPA: _____

Please confirm the information below is accurate within the application, or attached, by applying a checkmark or X.

_____ A GPA of a least 3.0.

_____ Two teacher recommendation letter is attached (one of which must be from a math or science teacher.

_____ A record of regular attendance/acceptable discipline record (it is not necessary to send the record itself)

_____ Photocopy of report card for current semester and a transcript of all grades during middle school (6-8).

_____ Photocopy of immunization records if the student is from a nonpublic school or homeschooled.

▪▪▪

I hereby certify that the above-named student and information is accurate. I further indicate with my signature a recommendation for the student to be considered for participation in the GSI.

_____   _____

Principal or Assistant Principal Signature and Title   Date

Special Interests

Student's First and Last Name: _____

Please discuss your special interests and hobbies.

Teamwork Response

Student's First and Last Name: _____

The Governor's STEM Institute (GSI) involves teamwork. Discuss any experience you have had being part of a team. Are you comfortable sharing information? Are you comfortable trusting another member's input? Do you consider yourself a leader or a follower? Explain.

STEM Responses

The field of STEM is an ever-changing and growing industry that includes many areas of interest. Please answer the following questions in the space provided.

1. Discuss something you have produced, created, or invented. If you have only dreamed about it, what circumstances have kept you from trying or completing it? Are you still working or thinking it through?

2. Why do you want to attend the Governor's STEM Institute at the Green Bank Telescope?

3. The theme for 2024 is "Investigating the Universe." You will have the opportunity to work with a GBO scientist who will guide you through a true research experience. What are some things you'd like to find out as a radio astronomer? What are some things you're interested in learning at the institute this summer?

Math or **Science** Teacher Recommendation 1
(Page 1)

Student's First and Last Name: _____
Teacher's Title, First and Last Name: _____
Teacher's Email: _____
Subjects Taught by Teacher: _____
School: _____ School Phone Number: _____

Students attending the Governor's STEM Institute are to be selected based upon a special interest in or propensity for computer science. Students who thrive in GSI are those who have a genuine interest in math and science. The selection committee shall also consider interpersonal skills, task persistence, motivation, creativity, general maturity, and emotional maturity.

Please check the box next to the rating that best describes the student - 1 being the lowest and 5 being the highest. For the headings "Motivation and Task Persistence" and "Interpersonal skills," please write a 2-3 sentence response.

Interest in Math and Science   Creativity
☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5

General and Emotional Maturity   Teamwork
☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5

Motivation and Task Persistence (narrative)

Interpersonal Skills (narrative)

Student's First and Last Name: _____

Teacher Recommendation 1
(Page 2)

Please indicate your recommendation for the student below by checking the appropriate box.

  ☐ without reservation
  ☐ with minor reservations
  ☐ do not recommend

Please provide a narrative explaining your decision as marked above.

I indicate with my signature a recommendation for the student to be considered for participation in the GSI.

_____   _____
Teacher's Signature   **Date**

West Virginia Governor's STEM Institute

Teacher Recommendation 2
(Page 1)

Student's First and Last Name: _____
Teacher's Title, First and Last Name: _____
Teacher's Email: _____
Subjects Taught by Teacher: _____
School: _____ School Phone Number: _____

Students attending the Governor's STEM Institute are to be selected based upon a special interest in or propensity for computer science. Students who thrive in GSI are those who have a genuine interest in math and science. The selection committee shall also consider interpersonal skills, task persistence, motivation, creativity, general maturity, and emotional maturity.

Please check the box next to the rating that best describes the student - 1 being the lowest and 5 being the highest. For the headings "Motivation and Task Persistence" and "Interpersonal skills," please write a 2-3 sentence response.

Interest in Science and Math   Creativity
☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5

General and Emotional Maturity   Teamwork
☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5

Motivation and Task Persistence (narrative)

Interpersonal Skills (narrative)

Student's First and Last Name: _____

Teacher Recommendation 2
(Page 2)

Please indicate your recommendation for the student below by checking the appropriate box.

      ☐ without reservation
      ☐ with minor reservations
      ☐ do not recommend

Please provide a narrative explaining your decision as marked above.

I indicate with my signature a recommendation for the student to be considered for participation in the GSI.

_____   _____
Teacher's Signature   **Date**

Application Specifications

Applications must include the following:

- Application Part II
- Parent and Student Verification Form
- Principal Certification
- Special Interests
- Teamwork Response
- STEM Responses
- 2 Teacher Recommendations (one from a science or math teacher)
- Transcript Record for all of middle school and the 1st semester of the current year.
- Immunization records for nonpublic school and homeschool students.

The school counselor will scan all documents into one file for each student application.

A selection committee at the school will determine students who are recommended from each school. Students who are selected will be recommended to the county superintendent for final selections.

The West Virginia Department of Education is not accepting paper submissions of applications. Once the counselor has scanned all required documents into one file for each student, those files will be submitted electronically from the school to the county and then uploaded to the state file submission from the county superintendent's recommendations. The county contact uploads the county selections to the file submission.