



# Middle & Secondary Programs

August 2021



# West Virginia Science & Engineering Fair

*Provides opportunities for students to:*

- Ask questions, research and develop projects, collect data, make conclusions based on evidence, and communicate their findings to others.
- Problem solving and critical thinking skills
- Supports scientific methodology
- Supports math, statistics and data analysis
- Supports computer science
- [WVSEF](#)





## Students Resources

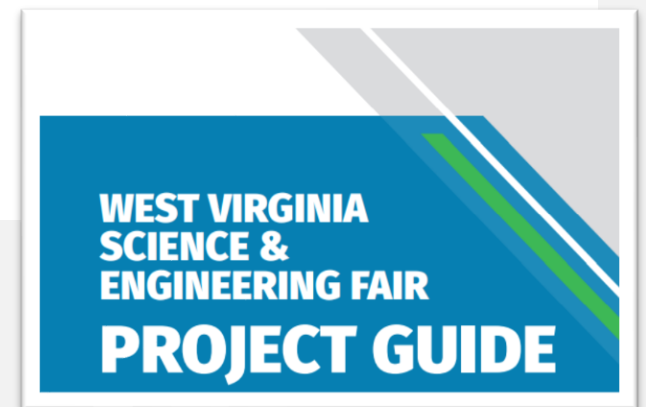
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Science Fair Guides, categories, requirements, and forms are specific to programmatic levels. The Science Fair Guides listed below contain documents and links to resources that meet the needs of most participants. Depending on the programmatic level and the topic chosen by the students, additional forms and guidance may be needed from the [ISEF Guidelines for Science and Engineering Fairs](#). More information on completing research at home can be found here – <https://www.societyforscience.org/research-at-home/>.

- [Elementary Science Fair Guide \(grades 3-5\)](#)
- [Middle School Guide \(grades 6-8\)](#)
- [High School Guide \(grades 9-12\)](#)
- [ISEF Guidelines for Science and Engineering Fairs 2021](#)

Word documents are provided below so students may more easily download and type information into the required forms. Some required documents are in the ISEF Guidelines for Science and Engineering Fairs 2021 and are not available in Word.

- [WVSFE Elementary School Word documents](#)
- [WVSFE Middle School Word documents](#)
- [WVSFE High School Rules Agreement document](#)

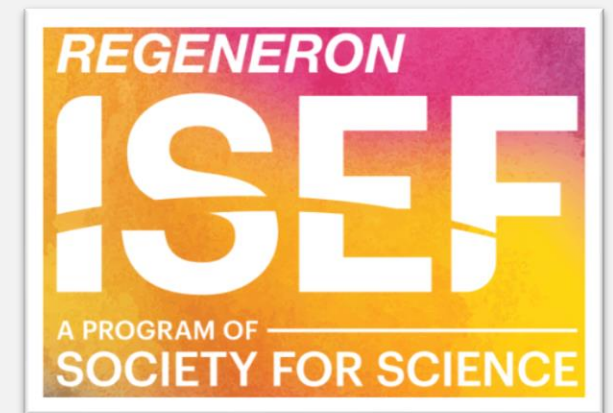




# ***Regeneron*** **International Science & Engineering Fair**

## *High School Entries:*

- WVSEF is affiliated with the International Science and Engineering Fair
- High school students follow the ISEF rules and guidelines
- <https://www.societyforscience.org/isef/international-rules/>





# Science in the Arts Challenge

- Grade 9-12 students may submit an entry for a **visual arts product**
- Created to encourage students to consider, research, and present information about relationships between **Art and Science**
- Student entry will explain
  - science of the processes used to create the artwork
  - science of the materials used to create the artwork





# West Virginia Sustainable Schools

- First step in eligibility as a **US Green Ribbon School** nominee
- All public and private schools in West Virginia are invited to apply for this **state and national recognition**.
- Recognizes schools produce energy efficient, sustainable, and healthy school environments
- Focus on sustainable practices in the facilities
- Integration into the curriculum and community
- Promotes sustainability and environmental literacy of graduates
- [WV Sustainable Schools - West Virginia Department of Education \(wvde.us\)](http://wvde.us)







# Please Visit...

The screenshot shows the West Virginia Department of Education website. At the top left is the department logo. To the right are links for 'State Board of Education', 'State Superintendent', and a 'Search' button. Below these are navigation tabs: 'Federal Programs & Support', 'Support & Accountability', 'Teaching & Learning', 'Data Management & Information Systems', 'School Operations & Finance', and 'Technical & Adult Education'. The main content area has a red background with the word 'Science' on the left and a breadcrumb trail 'Home > Middle & Secondary Learning > Science' on the right. Below this are several blue buttons: 'Annual Competitions, Scholarships and Programs', 'PAEMST', 'Science in Arts Challenge', 'Science Resources', 'Standards and Guidance', 'Student Opportunities', 'Teacher Opportunities', 'WV State and Regional Fairs', and 'WV Sustainable Schools'.





# WV Storymap Contest

- National contest, sponsored by ESRI, facilitated by WVDE and the Education Alliance
- Asks students to combine **text, images, and a map** into a single product to tell a **story of local or personal importance**
- Contest closes in March of each year
- High school (9-12) and Middle school (4-8) divisions
- 5 submissions per school
- Schools may submit up to 5 projects to state level competition
- State submits 5 projects to ESRI for each division
- ESRI chooses national winners
- Information: <https://wvde.us/middle-secondary-learning/gis/>
- Previous results: <https://agoschoolcomp-education.hub.arcgis.com/>







# Please Visit...

- [STEAM in West Virginia - West Virginia Department of Education \(wvde.us\)](http://wvde.us)





# Arts Alive

Open to students grades PK – 12

PERFORMING ARTS – *Dance, Music*  
(Instrumental and Vocal --  
solo and/or ensemble), *Theatre*  
and *VISUAL ART*

How to enter

Check with your school's visual art teacher and/or band, chorus, theatre or dance teacher.

<https://wvde.us/middle-secondary-learning-/the-arts/arts-doc/>

Check after September 7, 2021.





# Arts Alive

*Arts Alive* is the West Virginia Department of Education's annual event to showcase outstanding visual and performing arts students. The work included in *Arts Alive* is selected from: state arts conferences, festivals and exhibits throughout West Virginia; a competitive submission process; and/or by invitation. In 2021-2022 *Arts Alive* enters its sixteenth year. Students perform and exhibit work before an audience of students, family members, educators, policy makers, arts and education advocates and philanthropists in a major performing arts venue.

*Arts Alive* is dedicated to arts education in West Virginia and remains committed to provide a venue where the arts are paramount, inspired teaching is honored, and the work of young artists is celebrated.





# West Virginia Seal of Biliteracy



# What is the Seal of Biliteracy

- Nationally recognized student award
- Student must demonstrate proficiency in English and at least one other language
- Designated on the transcript



# Why do we want the Seal of Biliteracy?

- Multiple universities recognize the Seal of Biliteracy and award credit to students.
- The study of languages prepares students with 21<sup>st</sup> Century skills that will benefit them in the labor market and global society.
- The recognition of the Seal of Biliteracy provides employers with a method of identifying people with language and biliteracy skills.
- The study of languages creates individuals with a positive disposition toward others.
- The seal validates student accomplishment that demonstrates a specific skill level.





# How do students prove proficiency?

Advanced Placement Exam in Language and Culture (other than English)	3 or above	\$94
International Baccalaureate Exam	4 or above	\$119 + \$172 registration fee
APPLL	Intermediate-Mid or higher	\$20
STAMP	Intermediate-Mid or higher	\$20
OPI and WPI	Intermediate-Mid or higher	\$140 and \$65
ELPA 21	Average of 4	Paid by WVDE for all students identified as EL.
Advanced Placement English Language Exam	3 or above	\$94
SAT School Day – English Language Arts	470 or above	Offered free to WV students



# Additional information

- Was implemented for the 2020-2021 school year
- Juniors and Seniors can receive the Seal of Biliteracy
- AP scores
- Letters



West Virginia DEPARTMENT OF  
**EDUCATION**

# WV Academic Showdown

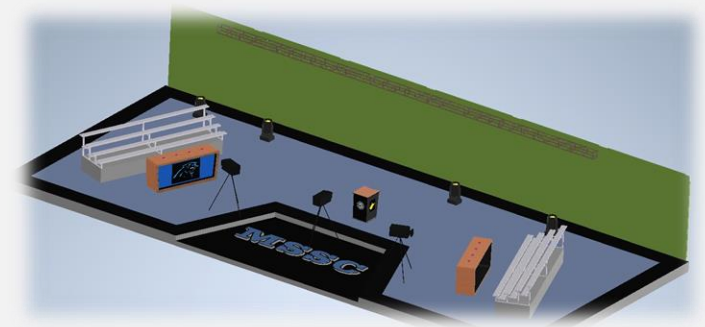
- Academic head-to-head battle between WV high school teams.
- 2021-22 is pilot school year
- Combines academic subjects
- Teams of 4 members will compete around the state
- Competitions in spring semester





# WV Academic Showdown

- Twice monthly regional competitions
- Various universities around WV will host school teams
- Finale in Charleston Broadcast and/or streamed
- 18 schools have expressed interest in participating
- Interested? Complete the participation interest form: <https://forms.office.com/r/uAVME8BsQL>





# Young Writers Contest

- Collaborative effort with Central WV Writing Project (CWVWP)
  - Narrative writing contest for students in grades 1-12
  - Contest announcement released in September each year
    - Local school districts run internal contest and each district submits district winners per grade-band for state contest (facilitated by CWVWP)
    - Submission of district winners due in early February
    - Currently non-public schools enter their school winners in the district public school contest for district judging
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# Young Writers Contest

- District and state level winners as well as their teachers and families/guests are invited to attend Young Writers Day in May.
  - Young Writers Day is a full day celebration consisting of:
    - keynote presentation,
    - writing workshops for students, educators, and families/guests,
    - lunch (no cost to winner, 1 guest, and teacher; additional guests may purchase a lunch)
    - and an award ceremony.
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# Young Writers Day

For additional information contact:

- Dr. Barbara O'Byrne, Central WV Writing Project
    - [bobyrne@marshall.edu](mailto:bobyrne@marshall.edu), 304-746-1986
  - Dr. Andrea Lemon, WVDE
    - [alemon@k12.wv.us](mailto:alemon@k12.wv.us), 304-558-5325
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# West Virginia State Math Field Day

The West Virginia State Mathematics Field Day Organization **independently** sponsors West Virginia State Math Field Day. The *Math Field Day Guide* states Math Field Days are designed to:

- Stimulate greater interest for mathematics;
  - Recognize students who excel in mathematics;
  - Provide the opportunity for interaction of peers with common interests and/or abilities.
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# West Virginia State Math Field Day

- “Each region will decide how to select its participants from all public, private, parochial, and home schools within that region.  
*(West Virginia is currently divided into eight regions.)*
- There will be two areas of competition: one for grades 4-9 and one for grades 10-12.
- Each region will provide a total of eighteen students (three from each grade level) in grades 4-9 and a total of ten students in grades 10-12.”



# West Virginia State Math Field Day

- WV State Math Field Day President

Rowanne Shockey

[rshockey@k12.wv.us](mailto:rshockey@k12.wv.us)

- West Virginia Council of Teachers of Mathematics or WVCTM ([wvctm.com](http://wvctm.com))

*The State Math Field Day Manual (2010 edition) is under revision. The updated manual will soon be available in the WVCTM Information tab.*



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- WVCTM Information**
- Web Links
- Nominations/Applications
- WVCTM Membership
- Board of Directors
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Math Field Day Manual

**Under Construction**

This is the 2010 Math Field Day Manual in pdf form. More information will be coming.

# Golden Horseshoe

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Longest running student program of its kind in the nation!

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Any 8<sup>th</sup> grade student may take the exam

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It is **a competition** within each county. It is not a summative exam and it is not required.

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Non-public schools must register using the excel spreadsheet starting December 1<sup>st</sup>.

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# Golden Horseshoe continued....



Practice tests are upload by the second week of January.



Public schools must use webtop to administer both the practice tests and actual exam.



The essay exam is usually administered within the first two weeks of February.



The online exam is administered the last two weeks of February.

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# Golden Horseshoe continued....

- Nomination of Honorary Golden Horseshoes are only accepted by county superintendents.
  - Golden Horseshoe Ceremony will take place in June.
  - Announcement of Golden Horseshoe winners is a county superintendent's responsibility.
  - We will released scores to counties in June of each year.
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# Honorary Golden Horseshoe Criteria

- The nominee has produced at least 10 winners of the Golden Horseshoe award.
  - The nominee has taught WV Studies for at least 20 years.
  - The nominee has made some other outstanding contribution to West Virginia, WV Studies, and/or the Golden Horseshoe Program
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# United States Senate Youth Program (USSYP)

- Merit-based, highly competitive scholarship program through the Hearst Foundation.
  - \$10,000 undergraduate college scholarship
  - Washington Week
  - Pre-Qualifying Questionnaire due in September for students interested.
  - Applications are made available to school counselors October 1.
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# United States Senate Youth Program (USSYP) continued....

- Applications are due the middle of October
  - Online Exam – last week of October
  - Semifinalists announced in November
  - Semifinalist Interview are conducted in December.
  - Two WV Delegates announced in January.
  - Washington Week – March 5-12, 2022
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# WV Social Studies Fair

- Recognizing outstanding achievements of social studies students in both public and non-public schools in WV.
  - Non-public schools must contact the county coordinators of the social studies fair to participate at the county level fair first.
  - All the information may be obtained from <http://wvssfair.com/>
  - Projects may be submitted as tri-boards or multimedia presentations.
-

# WV Social Studies Fair continued....

Four levels: School, County, Regional, State

Non-public school administrators need to contact the local school to determine how the county handles non-public school entry.

State fair is usually in April. We will announce the date in August.

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# Gilder Lehrman Teacher of the Year

- All nominated teachers must meet the following criteria:
    - At least three years of classroom teaching experience
    - Will teach for at least one year following the award year
    - A demonstrated commitment to teaching American history
    - Evidence of creativity and imagination in the classroom
    - Effective use of documents, artifacts, historic sites, oral histories, and other primary sources to engage students with American history
  - Nominations can be made by a student, parent, colleague, or principal or other administrator familiar with the teacher's work. Self-nominations are not accepted.
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# Gilder Lehrman Teacher of the Year continued....

- Nominations may be made at <https://www.gilderlehrman.org/national-history-teacher-year-nomination>
  - State winners receive a \$1,000 prize, an archive of classroom resources, and recognition at a WVBE meeting.
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# Citizenship Test

- Required by state code for public schools.
  - If you would like more information on this requirement of public schools, please visit: <https://wvde.us/middle-secondary-learning/social-studies/student-programs/>
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# Celebrate Freedom Week

- W.Va. Code 18-2-9 (e) A full week of classes during the week selected by the county board of education shall be recognized as "Celebrate Freedom Week". The purpose of Celebrate Freedom Week is to educate students about the sacrifices made for freedom in the founding of this country and the values on which this country was founded.
  - Celebrate Freedom Week must include appropriate instruction in each social studies class which:
    - (1) Includes an in-depth study of the intent, meaning and importance of the Declaration of Independence, the Emancipation Proclamation and the Constitution of the United States with an emphasis on the Bill of Rights;
    - (2) Uses the historical, political and social environments surrounding each document at the time of its initial passage or ratification; and
    - (3) Includes the study of historical documents to firmly establish the historical background leading to the establishment of the provisions of the Constitution and Bill of Rights by the founding fathers for the purposes of safeguarding our Constitutional republic.
  - **The requirements of this subsection are applicable to all public, private, parochial and denominational schools located within this state. Nothing in this subsection creates a standard or requirement subject to state accountability measures.**
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# Celebrate Freedom Week continued....

- Your school may decide when to recognize Celebrate Freedom Week.
  - Friday, September 17, 2021 is Constitution Day
    - Typically, counties celebrate the week 3<sup>rd</sup> or 4<sup>th</sup> week of September.
  - Our Resource Guide may be obtained [here](#).
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# National History Day

- This competition serves as a vehicle that facilitates a positive learning experience for students and fosters an environment that promotes the study of history in middle and high school students.
  - It teaches skills of research, creativity, writing, editing, and critical thinking.
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# National History Day continued....

- To create an entry, a student will choose one of the five NHD project categories:
    - Paper
    - Exhibit
    - Documentary
    - Performance
    - Website
  - Please contact Melissa Bingmann for further information.  
[Melissa.Bingmann@mail.wvu.edu](mailto:Melissa.Bingmann@mail.wvu.edu)
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# Governor's Honor Schools

- **The West Virginia Department of Education** is proud to offer stellar summer enrichment activities to West Virginia students in grades 7-1. All students applying for one of the state's Governor's Schools must currently reside and attend school in West Virginia and plan to be a student the following year. This includes students in public and private schools as well as students who are home-schooled. Find more information at <http://govschools.wv.gov>.
  - **The Governor's Honors Academy (GHA)** is for students who are currently high school juniors. In 2022, students will spend three weeks on a college campus learning, interacting, playing, and bonding with fellow outstanding West Virginia scholars. The site for 2022-2024 is to be determined.
  - **The Governor's School for the Arts (GSA)** is for current high school sophomores who exhibit talent in the literary, performing and visual arts. Students attending the GSA are taught by practicing professionals in their respective fields of writing, dance, music, acting, and drawing/painting. The 2022 GSA will be held at Marshall University.
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# Governor's Honor Schools continued....

- **The Governor's School of Entrepreneurship** is for current 9th, 10th, and 11th graders who are interested in creating, inventing, and starting a business that can thrive and prosper in West Virginia. The 2022 GSE will be held on the campus of Marshall University.
- **Governor's STEM Institute (formerly GSMS)** is for students currently in the seventh or eighth grade. Students work with mentors and faculty on a specific research theme in a virtual laboratory or field setting. For current 7th graders, WVU will host two sessions of up to 48 students each.
  - Sixty students who 8th graders will spend 14 exciting days working in teams to search for answers about the universe. They will be directed by dedicated experts in radio astronomy from across the country. Dr. Sue Ann Heatherly, education officer at GBO is the dean.

**All students applying for one of the state's Governor's Schools must currently reside and attend school in West Virginia and plan to be a student the following year.**

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# Contacts

- **Dr. Andrea Lemon** - [alemon@k12.wv.us](mailto:alemon@k12.wv.us)  
English Language Arts
- **Jennifer Schwertfeger** - [jlschwertfeger@k12.wv.us](mailto:jlschwertfeger@k12.wv.us)  
STEAM
- **Erika Klose** - [eklose@k12.wv.us](mailto:eklose@k12.wv.us)  
Science & STEAM
- **Deb Nicholson** - [dlnichol@k12.wv.us](mailto:dlnichol@k12.wv.us)  
World Languages

**Dr. Ray Lowther** - [ray.lowther@k12.wv.us](mailto:ray.lowther@k12.wv.us)  
Arts

**Dustin Lambert** – [dllambert@k12.wv.us](mailto:dllambert@k12.wv.us)  
Social Studies

**Sherry Keffer** - [cheryl.keffer@k12.wv.us](mailto:cheryl.keffer@k12.wv.us)  
Governor's Honor Schools

**Josh Grant** - [jgrant@k12.wv.us](mailto:jgrant@k12.wv.us)  
PE/Health/Driver's Education

**Karen Linville** - [karen.linville@k12.wv.us](mailto:karen.linville@k12.wv.us)  
WV Academic Showdown/AP

**Joseph Mastracci** – [jmastracci@k12.wv.us](mailto:jmastracci@k12.wv.us)  
Math4Life

**Gloria Burdette** – [gkburdet@k12.wv.us](mailto:gkburdet@k12.wv.us)  
WV Virtual School

(304) 558-5325

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