

WEST VIRGINIA SCIENCE BOWL



NETL

NATIONAL ENERGY TECHNOLOGY LABORATORY

WVSB

OVERVIEW

The U.S. Department of Energy National Science Bowl® is a nationwide competition “like no other” held annually to promote education in science, technology, engineering and math (STEM). Middle and high school students compete as teams in an action-packed quiz bowl format to answer questions on a range of disciplines including biology, Earth science, physics, energy, math, and engineering.

The West Virginia Regional Science Bowl® (WVSB) is one of many regional competitions for middle and high school teams across the country to select participants for the National Science Bowl held in Washington, D.C. Co-hosted by the National Energy Technology Laboratory and West Virginia University, the WVSB is held annually in February at the WVU Mountainlair.

For more information, visit <http://wvsciencebowl.org>

• Albany, OR • Anchorage, AK • Morgantown, WV • Pittsburgh, PA • Houston, TX



U.S. DEPARTMENT OF
ENERGY



January 2023

VOLUNTEERS NEEDED

Simply put: The WWSB could not happen without the generous time and energy of our volunteers. By participating as a volunteer, you are supporting STEM education across the state of West Virginia and encouraging our state's youth to excel in these important areas. These efforts not only benefit our students, they also contribute to our state's – and our nation's – competitiveness, innovation and future technological workforce. Volunteers, who will receive training to ensure confidence in their respective roles, can serve in a variety of roles:

In-Person Science Bowl

- Moderator – Reads questions to teams. Requires a background in science, engineering and/or math and a thorough knowledge of the competition rules.
- Question Judge – Assists the moderator. Requires a background in science, engineering and/or math and knowledge of the competition rules.
- Rules Judge – Enforces the rules of the game. Requires a thorough knowledge of the competition rules of the game.
- Timekeeper – Keeps match time. Requires no prior experience.

VOLUNTEERING PERKS

In addition to the enthusiastic gratitude of WWSB participants and organizers, the WWSB offers volunteers an opportunity to network with area STEM professionals and, at the same time, demonstrate leadership as a professional role model. WWSB volunteers are an integral part of a nation- and state-

- Scorekeeper – Keeps match scores. Requires no prior experience.
- Score Runner – Picks up scores from matches and takes to scoring area. Requires no prior experience.
- Other help – Sets up, tears down, assists with engineering activities, and lends a hand where needed.

Virtual Science Bowl

- Moderator/Timer - Read the questions and monitor the time for students to answer the questions. The Moderator/Timer must wait for the Question Judge to complete the Chat Box scoring before proceeding to the next toss-up question.
- Question Judge/Chat Box Scorer - Ensure the questions are being read correctly and serve as the chat scorekeeper by entering scores on to the chat box in Zoom.
- Recognizer/Scorekeeper - Recognizes the student who raises their hand to answer and serve as the official scorekeeper by entering scores on official forms.

wide effort to encourage students to pursue STEM fields so critical to our future workforce. Enhance your resume, serve your community, and develop people skills – all while having fun!



Students listen as the room's volunteer moderator goes over the rules. Volunteer judges prepare for before one of the many of the day's competitions.



2018 West Virginia Regional Science Bowl champions Morgantown High School.

Contacts

Ken Mechling
K-12 STEM Education and Outreach
NETL
KENNETH.MECHLING@NETL.DOE.GOV

Alicia Delmastro
K-12 STEM Education and Outreach
NETL
ALICIA.DELMASTRO@NETL.DOE.GOV