

West Virginia Envirothon



*The State's Premiere Conservation Education
Program for High School Students*

Our Mission

The mission of the West Virginia Envirothon is to help young people develop the skills, knowledge and desires necessary to achieve and maintain a balance between the quality of life and the quality of the environment.

What is the Envirothon?

- A hands-on competition for West Virginia high school students
- A program which encourages students to work as teams to acquire natural resource knowledge
- Students learn about West Virginia's diverse ecosystem and how they can help conserve our natural resources
- Competition takes place each Spring

How do I participate?

- To participate you must form a team, which consists of:
 - An adult advisor (one female and one male if both female and male students are on the same team)
 - Five West Virginia High School students
- Register as a team and receive learning objectives and study materials
- Team trains and prepares throughout the year

What are we tested on?

- The Envirothon competition focuses on five subject areas:
 - Forestry
 - Soils
 - Aquatics
 - Wildlife
 - Current Environmental Topic
 - The current environmental topic focuses on current issues that have profound environmental, social and economic impacts
- Each test occurs in an outdoor environment guided by environmental professionals



Forestry

Students will need to:

- *Develop basic dendrology skills*
- *Understand forest ecology and forest management*
- *Use basic forestry tools*
- *Apply their knowledge in a real-world setting*

Soils

Students will need to:

- Identify various soil types
- Understand processes involved in the formation of soils
- Identify terrain and soil characteristics
- Understand soil impacts on the environment
 - Water quality
 - Plants
 - Animals





Aquatics

Students will need to:

- *Conduct basic water sampling*
- *Identify aquatic insects and microorganisms*
- *Understand watersheds and factors that affect water quality*
- *Develop solutions to common water quality issues*



Wildlife

Students will need to:

- Be able to identify common wildlife species and their role in the ecosystem*
- Understand habitat requirements*
- Devise plans for managing various wildlife species*



Current Environmental Topic

Students will need to:

- *Have a thorough understanding of the topic*
- *Describe how it relates to the other subject areas*
- *Apply their knowledge to a “what if” scenario*
- *Present their solution during an oral presentation to a judging panel.*

Where can I find study materials?

- Study materials and training opportunities can be found on the WV Envirothon website.
 - www.wvca.us/envirothon

Why should I get involved?

- *College Scholarships*
 - *The top five teams receive college scholarships*
- *Meet and work with federal, state and local environmental professionals*
- *Travel and meet students from the all over the state*

Why should I get involved?

The winning team goes on to represent West Virginia in the National Envirothon Competition.

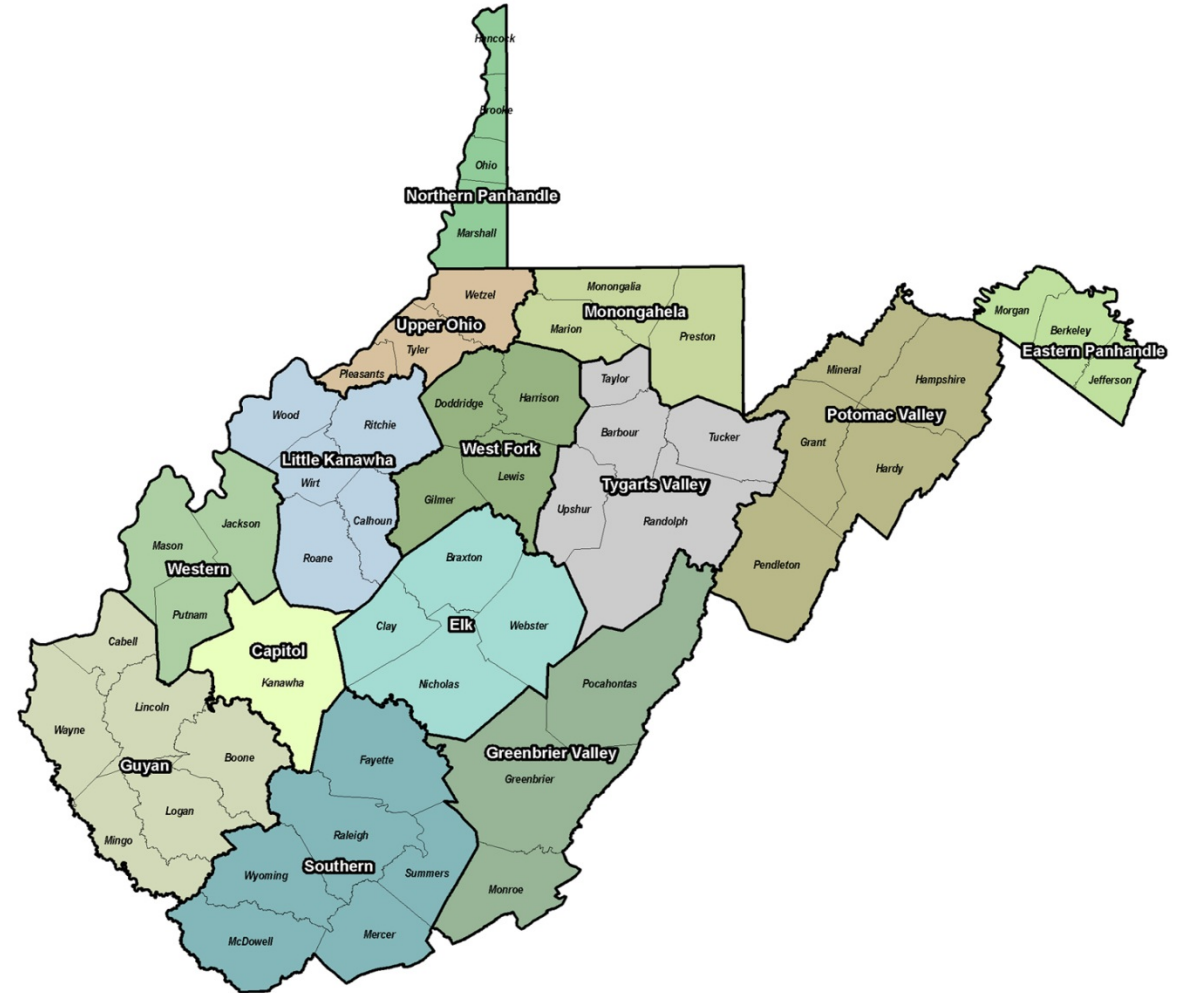


Are there any training opportunities?

- Each year, several of the conservation districts across the state provide Envirothon team training workshops.
- In the fall, the WV Envirothon Committee provides teacher/advisor training workshops.
 - Chance to earn CEC credits and money for your school.
- Contact your local conservation district or visit our website to find out when they offer Envirothon training.
 - To find your local conservation district visit www.wvca.us/envirothon
 - Or check our Facebook page [@wvenvirothon](https://www.facebook.com/wvenvirothon)
 - Like us on Facebook and get updates straight to your facebook page.

Where is my conservation district?

Conservation District	Phone Number
Capitol	(304) 759-0736
Eastern Panhandle	(304) 263-4376
Elk	(304) 765-2535
Greenbrier Valley	(304) 645-6173
Guyan	(304) 528-5718
Little Kanawha	(304) 422-9088
Monongahela	(304) 296-0081
Northern Panhandle	(304) 238-1231
Potomac Valley	(304) 822-5174
Southern	(304) 253-0261
Tygarts Valley	(304) 457-3026
Upper Ohio	(304) 758-2512
West Fork	(304) 627-2160
Western	(304) 675-3054





Questions?

www.wvca.us/envirothon

www.facebook.com/wvenvirothon