



CyberPatriot Raises High Schools' Academic Excellence

Air Force Association



What is CyberPatriot?

CyberPatriot is the premier national high school cyber defense competition designed to excite, educate, and motivate the next generation of cyber defenders critical to our nation's future security. The competition has a tournament-style tiered structure with a series of web-based competition rounds culminating in the national championship in Washington, D.C. in March 2012.

Participation in CyberPatriot Has Numerous Benefits to Students and Schools:

Benefits for Schools:

- Engages students in an interactive, meaningful way by presenting cybersecurity in a competitive context
- Helps improve academic stature and reputation of the school within the community
- Provides students a means to excel in a field rarely presented to high school students
- Raises awareness of an increasingly important national security concern in the school and in the community
- Offers a unique extra-curricular activity that is both fun and educational
- Prepares students for in-demand careers
- Presents a powerful lesson to students about the potential vulnerability of information put onto networks - from text messages and phone calls to Facebook and emails

• Emphasizes STEM education:

- Addresses the issues, revealed by numerous, studies indicating that the number of American students receiving degrees in STEM disciplines is steadily declining
- Presents cybersecurity within a videogame-like architecture which excites students while exposing them to real world challenges
- Introduces students to a career track they can follow through college by studying STEM disciplines which can eventually lead to an exciting, in-demand career essential to national security
- Increases opportunities with academic institutions and employers in the community as a result of the school's STEM commitment.



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