

For returning coaches and students, the interface for Capture the Flag (CTF) competitions will remain familiar, as it follows the same format as in previous years. The competition webpage will host all the necessary components, including challenges, the scoreboard, and submission, ensuring a seamless experience.

As for the finals, teachers will need to set up a teacher account on the CYBER.ORG Range. Teachers can apply for account access at <https://apps.cyber.org/apply>. This account is essential for providing students access to virtual machines (VMs) required for obtaining challenge files and software necessary to solve the challenges.

To adequately prepare for the finals, students are encouraged to participate in lessons that teachers can access on our learning management system. Teachers can apply for access to all our curricula resources at: <https://cyber.org/form/curricula-sign-up>. These resources are accessible through a teacher's account, providing an excellent foundation for success in the finals. Teachers can also access our self-paced PD course with videos on how to use the Range successfully in your classroom. We also have a virtual workshop on CTFs that is available at no cost to teachers. Information and registration can be found at: <https://cyber.org/events/common-tools-and-techniques-ctfs-high-school-teachers>

These courses and labs will help prepare for the competition

- **Cybersecurity Basics**
 - Security: Cryptography
 - Cracking Codes, Enigma Encryption
- **MS Range Activities**
 - All lessons
- **Intro to Cybersecurity**
 - Packet Delivery & Protocols – 5.3.2
- **Intro to Linux**
 - Remote Networking Tools – Lesson 1.5.4
- **Cybersecurity**
 - Metadata – Lesson 4.9.1
 - Steganography – Lesson 1.4.4