



CODING & PROGRAMMING

Type: Individual
Submission: URL and Statement of Assurance
Rating Sheet: <http://www.fbla-pbl.org/media/Coding-and-Programming-FBLA-Rating-Sheet.pdf>

Overview

Two parts: a prejudged project and a presentation.
Competitors must complete both parts for award eligibility.

No changes may be made to the submission between the regional conference due date and the state conference.

2018 Topic

Develop a database program to manage the issuance of books at a school library. Give the school a name. The program must be able to complete a minimum of the following tasks:

- Track student and teacher names with ability to enter/view/edit names.
- Track the issuance of books for a student or teacher.
- Manage different limits for the number of books that can be issued to a student or teacher.
- Manage the number of days that students and teachers can check out any book. (Hint: Mostly like the number of days will differ for students and teachers).
- Give each book a different ID. Also, each book of same name and same author (but number of copies) will have different ID.
- Generate/print weekly report to show books issued to whom and number of days leading to the due date return.
- Generate/print weekly report of detail of fines (when book not returned on time).

Procedure

Region and State: Prejudged

- Competitors will submit a Statement of Assurance containing the URL to the regional director by the date established annually. Submissions will be prejudged only at the regional level.
- Competitors must prepare projects.
- Competitors are expected to follow all applicable copyright laws; any photographs, texts, trademarks, or names used must be supported by proper documentation and approvals indicated on the site or project
- When applicable, the use of templates must be identified.

State: Presentation

- Presentation of the entry must be conducted by competitors who authored the event.
- Visual aids related to the project may be used; however, no items may be left with the judges.
- The presentation is designed to be an explanation of equipment used, software used, the development process, an overview of how copyright laws were addressed, and challenges experienced during the process.
- Participants may bring a 3-minute video to show to the judges as well as a computer and projection unit. A screen, electricity, and equipment table will be provided.

Eligibility

- Each chapter may submit one entry. The first-place regional winner will compete at the state level.
- Competitors must pay dues by March 1.
- No more than one (1) team member may have competed in this event at a previous State or National Leadership Conference.
- Competitors cannot be replaced or substituted for prejudged events.

Presentation

Equipment Setup: 5 minutes
Performance: 7 minutes
Warning: 6 minutes
Penalty for over time: 5 points
Q & A: 3 minutes

A panel of judges will select the winners; all decisions are final. The number of awards presented will be determined by the judges. The maximum number of awards will be three (3) at the regional level and five (5) at the state level.