

DATABASE DESIGN & APPLICATIONS

Databases are necessary to organize data and information in business. This event recognizes FBLA members who demonstrate that they have acquired entry-level skills for understanding database usage and development in business.

OBJECTIVE TEST COMPETENCIES (may include, but not limited to)

- data definitions/terminology
- query development
- table relationships (include referential integrity)
- form development
- reports (sorts, group, graphics, calculations)

PRODUCTION COMPETENCIES

- design of multiple table databases (selection of tables, fields and data types, ER diagrams, relationships)
- creation of tables and inserting data into tables
- development of single table SQL statements
- development of multiple table SQL statements
- creation of forms/reports

NBEA STANDARDS REINFORCED BY EVENT

Computation: problem-solving applications

Information Technology: information technology and major business functions, application software, input technologies information retrieval, database management systems

CAREER CLUSTER(S): *Business Management and Administration; Information Technology*

ELIGIBILITY

The top five winners at the winter regional conferences may enter this event. If the student who placed in the region's top five cannot attend the State Business Leadership Conference, one substitute may be named.

1. Participants must be members of the active local chapter on record in the FBLA state and national offices as paying dues by February 15.
2. Participants must be selected in accordance with the regulations of the local chapter and state association.
3. Participants must not have won first place at a State Business Leadership Conference nor entered this event at a prior National Leadership Conference.
4. Participants failing to report on time for the event will not be permitted to compete.
5. Participants must adhere to the dress code established by the Board of Directors, or they WILL NOT be permitted to participate in the competitive event.

OVERVIEW

This event consists of two (2) parts: an objective test and a production test. Participants are required to complete both parts to be eligible.

A one (1) hour objective test will be administered based on the competencies listed. Nongraphing calculators may be used. The score received on this portion of the event will constitute 15 percent of the final event score.

Every effort will be made to provide online computerized testing at the state level. If this is not possible, participants must furnish their own No. 2 pencils and erasers. No graphing calculators, cell phones, or other memory storage devices are allowed.

One (1) hour will be given for the production test at a school site. Calculators are not allowed on the production portion of the test. The score received on this portion of the event will constitute 85 percent of the final score. Production tests must be returned to the state office by the designated due date or they will not be graded.

GUIDELINES

School Site Production Testing

1. The production portion of this event is administered prior to the SBLC.
2. No reference materials are allowed.
3. Documents produced for this event must be prepared by the participant without help from the adviser or any other person.
4. In case of a tie, the production test will be used to break the tie.

5. One (1) hour will be allowed for the production test at the school testing site prior to SBLC. Additional time will be allowed for general directions, equipment set-up, and warm-up.
6. Calculators are not allowed on the production portion of the test.
7. The test must be deleted from the hard drive upon completion of the test.
8. The state office will send the test to the chapter adviser or proctor designated on the State Business Leadership Conference event entry form. The chapter adviser or local test proctor will administer the test. Tests not returned to the state office by the designated due date will not be graded.

JUDGING

Judging will be based on accuracy of printed copy. The documents will be evaluated by a panel of judges for this event. All decisions of the judges are final.

Objective tests will be machine graded. In the case of a tie in the final score, final rankings will be determined using the following tie breakers in the following order: highest score on the production test; highest score on the written test; the highest score on the last ten questions of the written test and in groups of 10 thereafter.

STATE AWARDS

The number of awards presented at the State Business Leadership Conference is determined by judges and/or number of entries. The maximum number will be five (5).

NATIONAL ENTRIES

Washington State may enter two (2) state winners for national competition.