

# Maps, Graphs, and Charts:

Get a key on success with your  
students for Maps, Graphs, and  
Charts.

This session will give you valuable insight into teaching skills for students' cognition of using these graphic organizers and aid their ability to use the resource of an atlas. Tips and tricks to successful methods to help improve your scores at UIL events.

Session Presented by:

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**I. Introduction**

- A. Rules for Maps, Graphs & Charts**
- B. Scoring**

**II. Materials**

- A. Atlas, Ruler, and Pencils**
- B. Tabs or no Tabs**

**III. Preparing the Student**

- A. What are you looking at?**
- B. What are the parts?**

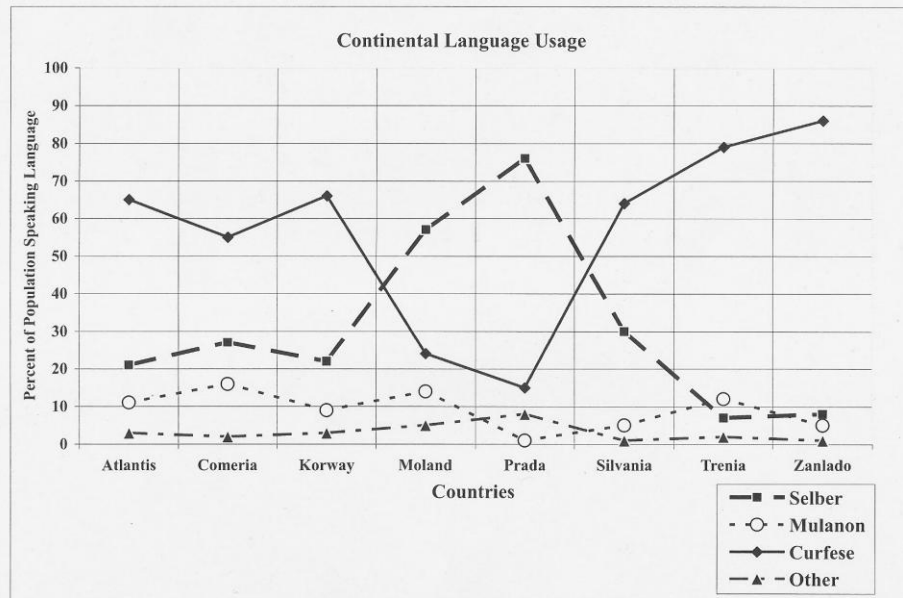
**IV. Steps to Success**

- A. Preprinted MG & C**
- B. Numbers and Letters**
- C. Atlas choices**
- D. Timing**

**V. Closure**

- A. Tips from the audience**
- B. Q & A time**

# Example



- A. 1. Identify what you are looking at
- B. 2. Look at Title
- C. 3. Look at Key

# Strategies for Success

- Preprinted Practice Test
  - Hurricane Charts
  - Road Maps
  - School Fire escape routes
- Numbers or Letters
  - Capital Letters Only
  - Definite Numbers
    - 1-2-3-4-5-6-7-8-9-10, etc.
- Atlas Choice
  - Tab or no Tab
  - 5 minute drills w/wo index use
- Timing
  - Do 3 preprinted first
  - Atlas-most familiar

# Resources

- <http://www.uil.utexas.edu>
- [www.brainpop.com](http://www.brainpop.com)
- [www.kidsgeo.com](http://www.kidsgeo.com)
- [www.rethinkingschool.org/just-fun/games/mapgame.html](http://www.rethinkingschool.org/just-fun/games/mapgame.html)
- [www.enchantedlearning.com](http://www.enchantedlearning.com)
- [www.softschools.com/quizzes/geography/](http://www.softschools.com/quizzes/geography/)
- Road maps
- Textbooks

## Section 1434: MAPS, GRAPHS AND CHARTS

### (a) REPRESENTATION.

- (1) *Contestants*. Students in the fifth, sixth, seventh and eighth grades who are eligible under Sections 1400 and 1405 may enter this contest.
- (2) *Divisions*. This contest will consist of two divisions, one for grades 5 and 6 and one for grades 7 and 8. With the approval of the district executive committee, a district may have separate divisions for each grade.
- (3) *Individual Competition*. For each division, each participant school may enter as many as three contestants in the district meet.
- (4) *Team Competition*. If the district has elected to include team competition, the combined scores of the three contestants in each division from a school shall constitute the school's team score. A team must have three contestants compete to participate in the team competition.

### (b) NATURE OF THE CONTEST.

- (1) *Summary*. This contest is designed to help students learn to get information from a variety of maps, graphs and charts including world maps, pie charts, bar charts and local area maps. The objective test will measure skills such as using an atlas as a reference book to locate information, -making comparisons, estimating and approximating, using scale and interpreting grid systems, legends and keys.
- (2) *Contest Format*. Students will be given an objective test containing approximately 75 multiple choice, true/false and fill-in-the-blank questions which must be answered in 45 minutes.
- (3) *Tests*. Subject matter used for the test will be taken from the *Nystrom Desk Atlas*, available through Nystrom, a division of Herff Jones, Inc. and the League. Contestants may use other atlases in the contest. Tests will also include some combination of other maps, graphs and/or charts that students have never seen before. The atlas and the test will contain the information needed to answer the objective test questions.

### (c) CONTEST ADMINISTRATION.

- (1) *Personnel*. All personnel in this contest may be coaches of participating students.
- (A) *Contest Director*. The contest director will be in charge of running the contest and resolving any problems that arise. The director may appoint an assistant director.
- (B) *Timekeeper*. The contest director will serve as the official timekeeper and will give only a start and stop signal.
- (C) *Graders*. At least three graders should be familiar with the instructions for grading and the contest rules. The contest director may recruit more than three graders.
- (2) *Time*. In both divisions, contestants will be given 45 minutes to answer the test questions.
- (3) *Materials*.
  - (A) *Provided by UIL*. The following materials will be provided to schools submitting the appropriate requisitions. See Section 1408 (c) for the dates when invitational materials will be available. See Section 1408 (e) for the dates when district materials will be available.
    - (i) Printed tests for 30 contestants in each packet.
    - (ii) Five copies of the answer key.
    - (iii) Two contest rosters.
  - (B) *Provided by the School or Student*.
    - (i) Atlas (which may be tabbed.)
    - (ii) Pens, pencils, rulers, erasers and/or pencil sharpener.
  - (C) *Provided by the Host School*. Blank paper.
  - (D) *Other*. No other materials or notes may be used in the contest.

### (d) CONDUCTING THE CONTEST.

- (1) *Number Contestants*. Distribute a copy of the test to the contestants, instructing them not to open the test until the start signal is given. As roll is called, instruct students to write their assigned contestant number in the space provided on the cover sheets.
- (2) *Clear Room*. Contestants and coaches should be informed of the time and place of the verification period. Coaches who are not assigned a specific duty in administering the contest should be dismissed from the contest room before the contest begins.
- (3) *Testing*. Inform contestants that answers must be recorded in the blanks provided on the tests. Students may write or mark on the maps, graphs, charts and margins as needed.

- (4) *Test Collection*. When the stop signal has been given, ask all contestants to put their pencils down. Collect all tests. All note sheets should be collected and destroyed after official results are announced.
- (e) GRADING.
- (1) *Brief Graders*. Brief graders on the procedure to be used for grading and explain the scoring process.
- (2) *Criteria*. The test is graded objectively.
- (3) *Scoring*. Each test should be independently scored twice, and papers contending to place should be scored a third time. Award three points for each correct answer. Deduct two points for each incorrect answer. There shall be no deduction of points for unanswered questions.
- (4) *Ties*. No ties are to be broken in either the individual or the team component of this contest. If there is a tie for first place, there is no second place. If there is a tie for second place, there is no third place, etc.
- (5) *Points*. Points are awarded through sixth place. Team points are awarded through third place. See Section 1408 (i). Tied contestants or teams split the total points equally for the two or more places in which a tie exists.
- (f) VERIFICATION PERIOD. The contest director should designate a time and place for a 15-minute verification period at which time contestants and/or coaches are given the opportunity to view their test papers with official keys. Unofficial results should be posted. Questions should be directed to the contest director, whose decision will be final.
- (g) OFFICIAL RESULTS. After the verification period has ended and all test papers have been collected, the contest director shall announce the official results. Official results, once announced, are final.
- (h) RETURNING MATERIALS. No materials from the fall/winter district contest may be returned to contestants before January 31. No materials from the spring district contest may be returned to contestants before the Saturday prior to Memorial Day. Section

NOTES: