

# 2008 Optimist Brain Bowl



Colorado and Wyoming 6th , 7th and 8th Grade teams will, once again, compete for top honors as they show off their team skills and general knowledge of math, science, history, current events, literature and more in the **2008 Central Region Optimist Brain Bowl Invitational Tournament**, on Saturday, February 2 at Denver's **George Washington High School!**

### ***Fast Paced Academic Competition!***

Teams will pool their knowledge and submit their answers to a variety of subjects in a written round and in "head-to-head" rounds. In the head-to-head rounds, each team is matched against another team of the same grade level. Teams "Buzz-In" for the opportunity to correctly answer questions.

Teams are ranked based on their scores in the written and oral rounds. The top eight teams in each grade level compete in the elimination rounds. The final rounds will determine the winning teams for each grade. Students on the 1st, 2nd, 3rd and 4th place teams will receive medals and 1st place teams at each grade level will receive a trophy for their school.

### ***Three Regional Tournaments!***

Optimist Brain Bowl Tournaments are the most popular competitions of their kind in the Colorado-Wyoming area. In addition to our Central Region Tournament to be held in Denver and the North Region Tournament to be held in Boulder, Optimists will pilot a new tournament in Colorado Springs! This new tournament will invite selected schools in the Colorado Springs area to participate in this inaugural year's event. Teams invited to that small tournament will also be invited to participate in the Central Region Tournament.

Teams are assigned to a specific region in order to create the most fair and consistent competitions. Teams/schools may NOT select the tournament in which they wish to participate. ***NO exceptions!*** There is currently no Championship Tournament in place for Optimist Brain Bowls but we continue to work toward that goal! Your school has been assigned to the **Central Tournament**.

### ***Easy Registration!***

Please fill out the registration form included in this newsletter and return it with payment to Optimist Brain Bowl, c/o Connie Ackerman, 1616 E. Mineral Avenue, Centennial, CO 80122. *Important note: The University of Denver is no longer a sponsor of this event.* Early registration helps us to plan the most fun and fair tournaments for all students! Schools may register up to six teams but no more than 2 teams per grade level.

Colorado Optimist Brain Bowl Competitions fill quickly. **Registration must be received by December 1 to guarantee entry and registration order rules if tournament fills.**

## **TOURNAMENT INFO**

**DATE**  
**Saturday**  
**February 2, 2008**

**NEW! LOCATION**  
**George Washington HS**  
**655 S. Monaco Parkway**  
**Denver, CO**

**FEES**  
**\$35.00 per Team**

**Make checks payable to:**  
**Optimist Brain Bowl**

**DEADLINE**  
**December 1, 2007**



**OPTIMIST**  
**INTERNATIONAL**

## **INFORMATION**

**Director**  
**Rich Urbanowski**  
**303-986-0964**  
**[mrurban2@comcast.net](mailto:mrurban2@comcast.net)**

**Administration**  
**Connie Ackerman**  
**[connieackerman@comcast.net](mailto:connieackerman@comcast.net)**

## Registering Teams

Tournament size is determined by the capacity of the tournament location. Each participating school may enter up to 6 teams but no more than 2 teams per grade level. Teams will be accepted in the order in which the paid registration forms are received. Registrations must be paid in full in order to be confirmed. Registration must be received by December 1 to guarantee entry. **Note: past Brain Bowl tournaments have filled to capacity by deadline and teams that have registered late have been turned away.** Teams may be waitlisted in the order they are received if the tournament fills before December 1. The Optimist Brain Bowl will not waitlist teams that do not make the December 1 deadline. To ensure space for all your teams in the tournament, we recommend signing up early. Teams will be confirmed by email so make sure we have an accurate email address—please check it often! The tournament schedule depends on every registered team's attendance. Please, notify us immediately if you have a team that needs to drop...even if it is the day before the tournament! Payment must be made by check, money order or purchase order. **Make checks payable to: Optimist Brain Bowl.** Faxed or unpaid registrations will not be accepted to reserve space. Confirmations will be emailed after December 1 deadline.

## Team Formation Rules

Teams consist of five members. Although not recommended, teams of less than five will be allowed to compete. Each team may have a sixth member as an alternate. The alternate may replace another team member in any of the rounds. However, no team member changes may be made once a round is under way. The grade level of the oldest team member determines the competition level of the team. Sixth grade teams must consist of only sixth graders. Seventh grade teams must have at least one seventh grade team member. Eighth grade teams must have at least one eighth grade team member. Both seventh and eighth grade teams may include younger students.

## Coaching Tips

1. Set a regular practice time. You may meet as many times as you like before the competition but long practice sessions are not necessary. 30-60 minutes per session is adequate.
2. Have the team assess their strengths and weaknesses in particular subject areas early so they can begin "boning-up." Team members may wish to become "specialists" in order to make sure as many subjects are covered as possible.
3. Students may wish to talk to faculty members from all over the school. Teachers may be able to provide practice questions or have good general knowledge resources.
4. Have team-members make up and bring questions to each meeting.
5. It is important for the team to stay on task at each meeting but don't forget to have fun!
6. Free questions are available at [www.greatauk.com](http://www.greatauk.com). Click on this week's quiz.

## Practice the Tournament Process

Each team selects a team member to sit in the middle seat and act as the answer-giver. This helps prevent team members from shouting out answers and helps the judges to listen for team answers. It also encourages the teams to take the time to discuss their answers. A team may change its answer-giver from round to round, but may not change in the middle of a round. Another team member is designated to sign the score sheet at the end of each oral round. Score sheets are signed by one of the judges and one student from each team acknowledging that the scores are correct as they stand at the time of signing. Teams will have the opportunity to file a protest with tournament officials between rounds should they have questions. Teams are responsible for keeping track of their own scores throughout the day if they wish since official scores will not be posted until the end of the morning rounds.

# Brain Bowl

## Study Topics

These topics have been compiled from a typical Brain Bowl Tournament. Other topics may be covered, however. These subjects are intended to give teams a guide to researching a wide range of areas that may be included in this year's Optimist Brain Bowl Invitational Tournament. Although these have been loosely categorized, the individual subjects are not listed in any particular order or priority.

### Mathematics

Fractions  
Units of measurement  
Integers  
Angles  
Lowest Common Multiple  
Factoring  
Geometric Shapes  
Average, Mean, Mode  
Velocity  
Algebra  
Number Systems  
Expression Simplification  
Decimals  
Ratios  
Linear Equations  
Exponents  
Volume  
Prime Numbers  
Percentages  
Area  
Perimeter

### Science/Terminology

Geology  
Astronomy  
Chemistry  
Biology  
Mechanics  
Ozone  
Oceanography  
Scientific Instruments  
Physics  
Electricity  
Scientific Notation  
Inertia  
Fission/Fusion  
Light  
Gravity

Temperature  
Weather / Seasons  
Volcanoes  
Metamorphosis  
Acid/base  
Alcohol  
Salt  
Mixtures/solutions  
Plasticity  
Metals  
Elements  
Atoms  
Biomes  
Food chain  
Habitats  
Anatomy  
Diseases  
Reflexes  
Digestive system  
Health  
Vertebrates/Invertebrates

### Geography

Longitude/Latitude  
Urban/Suburban/Rural  
Fossil Fuels  
National Monuments  
Faults  
Islands  
Mountains  
Historical landmarks  
Continents  
Straits  
Lakes  
Rivers  
Glaciers

### Social Studies

American History  
Government/Politics  
Ancient Wars  
International Relations  
Early Explorers  
Canadian History  
Historical Disasters  
Ancient Mid East  
Treaties  
Business Law  
Dark Ages  
Inventions and Inventors  
Capitals  
Military Tactics  
Economics

### Grammar/Spelling/Writing

Alphabetizing  
Plurals  
Similes  
Metaphors  
Fiction/Non-Fiction  
Allegory  
Editorial  
Parts of Speech  
Spelling  
Malapropos  
Proof Reading Notations  
Allusions  
Sentence Structure  
Prefix/Suffix  
Epitaph  
Compound Words  
Object/Indirect Objects  
Etymology  
Limericks  
Verbs  
Syllables  
Clichés/Idioms

### Literature

Legends  
Literary Forms  
Fantasies  
Short Stories  
Greek/Roman Mythology  
Tall Tales  
American Authors  
Fictional Characters  
Biographies  
Shakespeare

### Other

First Aid  
Holidays  
Superstitions  
Famous Quotes  
Relatives  
Television/Movies  
Forms of Music  
Musical Instruments  
Measure/Key/Musical Notation  
Dance / Theatre  
Art Styles / Artists  
Sports

Teams may use any resources available in home, school, library or the community to prepare. Trivia games, videos, textbooks and old tests are excellent resources as well.

# Optimist Brain Bowl Rules

1. Questions are asked from academic areas.
2. The Brain Bowl Competition generally consists of one written round, a “bye,” three preliminary oral rounds, two oral elimination rounds, and the final oral rounds that determine the sixth, seventh, and eighth grade champions. All teams participate in the written round and the four oral rounds in the morning, with one oral round typically being a “bye.” The top eight teams at each grade level advance to the oral elimination rounds in the afternoon. The second elimination round involves the winners from the first elimination round (four teams at each grade level). The final oral round involves the winners from the second elimination round (two teams at each grade level).
3. If there are an odd number of teams at any grade level, some teams will have an additional bye. Those teams’ scores for the additional byes will be determined by averaging the scores for their other oral rounds.
4. All teams compete in the written round, but will do so at different times. It consists of 50 written multiple-choice questions and is scheduled as a standard round. Team members work together and turn in one team answer sheet. Teams must not discuss the written round after they have taken it, as they may be providing information to teams which have not yet taken the written round.
5. The oral rounds, elimination rounds, and final rounds each involve two teams competing against each other and consist of 30 questions each. Multiple sessions of the oral rounds and elimination rounds are held in various rooms. Verbal answers are given only by a team’s designated spokesperson. Although any team member may activate the “buzzer” on behalf of his or her team, only answers supplied by the spokesperson will be accepted. Answers blurted out by other team members will be ignored.
6. Each team is seated at its own table, and each table has a single “buzzer.” Scratch paper will be provided. The only paper allowed at the table is that provided by the officials.
7. The Reader reads the questions one at a time. Both teams have the opportunity to ring the buzzer and answer each question. The “buzzers” allow only one lamp to be lit at one time - the *first one* in. Team members must keep their hands to the side of the buzzer; “hovering” over the buzzer is not allowed. A team which accidentally rings its buzzer will be treated as though it has intentionally done so.
8. A team may ring in at any time during the reading of a question or within 15 seconds after the question has been fully read. If a team rings in *before* the question is completely read, the Reader will immediately stop reading, and the question will not be completed for that team. The team that rings in first has 15 seconds from the time it rang in to discuss and present an answer. To answer a question correctly, the spokesperson must give an answer when or before being called upon to do so at the end of the 15 seconds. Silence, or any attempt to stall when called upon to give an answer, will be treated as a wrong answer. Incomplete answers are wrong answers if not completed within the time given.
9. The second team should always be working on an answer while the first team is using its 15-second answer time. The second team may communicate quietly with each other during this time. Their communication should in no way disturb the first team.
10. If the first team gives the wrong answer or fails to answer within the allotted time, the second team has a chance to answer. The second team does not need to ring in. Its allotted time within which to give an answer starts as soon as the Reader announces that the first team’s answer is wrong or that it has not answered in a timely manner.
11. If the question was read in its entirety before the first team rang in, it is not reread for the second team. The second team has 5 seconds to give an answer after the first team gives the wrong answer or fails to answer within the allotted time. The spokesperson must give an answer when called upon to do so at the end of the 5 seconds. Again, silence or any attempt to stall when called upon to give an answer will be treated as a wrong answer.
12. If the first team rang in before the entire question was read, the question is read in its entirety for the second team. The second team then has a full 15 seconds to discuss and give an answer.
13. Scoring:
  - a. Whenever the first team answers correctly, it receives one point.
  - b. Whenever the second team answers correctly, it receives *two* points.
14. Tie scores are allowed in the preliminary oral rounds.
15. No ties are allowed in the elimination rounds or final rounds. If the score is tied at the end of 30 questions, additional questions are read until one team answers correctly and is declared the winner. The “tie” for overall 3<sup>rd</sup> place is resolved by total score points for the day. Awards are given to the top FOUR teams at the end of the competition.
16. Scores from the preliminary rounds are totaled to determine the top eight teams at each grade level. The number of points is the key element, not head-to-head competition. These teams advance to the elimination rounds in the afternoon. Point scores from the written and preliminary oral rounds will be posted.
17. Points accumulated during the four morning rounds do not carry over to the elimination rounds, except for tie-breaking purposes. The elimination rounds are head-to-head competition. Teams are seeded in the elimination rounds according to their rank after the scores from the morning rounds are totaled.
18. Team members are expected to be courteous to all Officials and other team members at all times. Teams may request confirmation or a clarification of an answer, but they are not to argue with Officials.
19. Members of the audience, including non-participating alternates, should in no way interact with team members, Readers, Scorekeepers, or Timekeepers during a round, unless so requested by Officials.
20. Only team members and coaches may protest any process or decision, and must follow the procedure determined by the competition director. Protests must be filed only by the coach, and must include basic information: team name, grade, round number, room number, question number, and, preferably, Reader name.
21. Generally, procedural questions are settled per the Reader’s decision. Informational questions may infrequently require adjustments, but the third-party-provided questions and answers will not be researched beyond use of a dictionary. If doubt exists, the provided answer will be considered the correct one.
22. When a question calls for the name of a person, a last name alone shall be considered a sufficient answer unless the question specifically called for more. If a team’s spokesperson volunteers an incorrect first name, then that team’s answer will be counted as a wrong answer.

**Additional clarifications to procedures may be made prior to tournament—please read all communications carefully!**