



Energy Bowl Facts & Registration

Topics: Science (as it relates to energy), Energy (what it is, production of, use), Technology (applied in our society).

Questions will cover various aspects of energy, such as energy history, sources, forms, use, measurements, problems, waste conservation, economics, etc. The

Questions will be obtained from the following sources:

- Basic information available in textbooks, libraries, research centers
- Information available in the museum exhibits and live demonstrations.
- Current energy events and information available through the news media industry, and government publications.

Questions may be a combination of multiple choice, single direct answer types, and hands on.

Sample questions:

- All energy comes from:
a) atoms b) fossil fuels c) hydropower
- RAM as it relates to computers means:
a) crash b) ready and maintained c) random access memory

2010 AMSE ENERGY BOWL ENTRY FORM

(Please print or type - Also please be sure to include your complete address & phone)

School	Grade(s)
Address	Zip
Teacher(s)	Phone ()
County	Email
Students competing 1)	2)
4)	3)
Alternate(s)	

Mail to: AMSE – Energy Bowl, 300 S. Tulane Avenue, Oak Ridge, TN 37830

NOTE: ENTRIES MUST BE RECEIVED BY FEBRUARY 12, 2010, & accompanied by entry fee (\$20.00) to reserve your space for competing.



2010 Energy Bowl Contest Rules & Information

- A twenty dollar (\$20.00) entry fee is required per team and must accompany application to reserve a spot in competition by February 12, 2010.
- Each contest will be approximately 30 minutes in length.
- We reserve the right to cancel all, or any portion, of Energy Bowl if participation is deemed inadequate.
- Questions will be read once. If no answer is given within 10 seconds, a new question will be read. There is no penalty if neither team answers a question.
- Questions may be a mixture of multiple choice, single direct or hands on.
- Questions will be "toss-up". Each question is directed to both teams simultaneously. The first team member pressing a buzzer will give the answer. The team member will have 5 seconds to give the answer after activating the buzzer.

If the answer is correct, a penalty light will be lit by the opposing team.

If the answer is incorrect, a penalty light will be lit by the team answering incorrectly.

When a team lights all ten of their lights they have wasted too much energy and they lose the match.

- A team member may press the buzzer at any time during the reading of a question. If the team member answers correctly, a penalty will be imposed on the opposing team. If the team member answers incorrectly, a penalty will be imposed on that team and the same question and its possible answers will then be read in its entirety for the opposing team. The opposing team then has a choice whether to accept the question. If they accept, the normal penalty rules will apply. Thus a team could incur two penalties for one question.
 - There is to be no discussion of questions or answers among team members while the contest is in progress. The only time team members can confer with each other is when deciding whether or not to accept a question that the opposing team has missed.
 - Substitutions may be made after each contest.
 - Judges decisions are final.
 - A contest of this type requires a large volume of questions and some of the basic questions may be used again the following year; therefore, no recording of the questions and answers by any method will be allowed.
12. Any team that is more than 15 minutes late, for any reason, forfeits their match.