

## **ALABAMA Specific Rules**

The variations listed below apply to the 2005-2006 rules.

### **Scoring**

We will use a modified "national" scoring system where low score wins. First place gets one point, second place gets two points, etc. It is preferred that all teams be ranked, but each site will score at least the top ten places. Using this system: if a site has, for example, 24 teams, it should score the top eleven or twelve places. If the last team to be scored gets "L" points then all other teams actively participating in that event receive "L+1" points; "no-show" teams receive "L+2" points, and teams that are disqualified receive "L+5" points for that event. For example, if a site scores the top ten, then participation is worth eleven points, a no-show earns twelve points and a DQ gets 15 points. At least half the teams (and never less than ten) will be scored.

### **Team composition**

B Division teams may include up to five of its most recent year's graduates. This is a generalization of the existing national rule allowing up to five ninth graders on the team of a school whose highest grade is eighth. Under this new interpretation, if a school's highest grade is sixth then it can use up to five seventh graders who are graduates. If its highest grade is seventh then it can use up to five eighth graders who are its graduates.

### **Multiple teams**

In Alabama, one teacher can coach one team. Each team from a school is entitled to name itself, such as Abe Lincoln Blue and Abe Lincoln Red, etc, and to compete in a regional tournament.

### **Team make up**

Team that goes to state does not have to be the exact copy of the team from the regional. A team progressing to state can consist of some members from each of the regional teams as well as other members from the school. No student can be on more than one school's team - for example, a ninth grader on a HS team cannot also compete on his/her last year's MS team or vice-versa.

### **Team Members**

The students who compete at National need not be the same as those at State who, in-turn, need not be those who competed at Regional.

## Device Events

In Alabama, the device builders do not have to be the device testers. This includes naked egg drop. The device builders should receive any medals or ribbons earned. ***If a school fields more than one team, each team is expected to have its own "devices" for device events like bridge, tower, etc. These devices must be identified with full team name including team number or color.***

## Resources

In events that specify that participants may bring limited resources to the event, the limit described is PER TEAM, not per participant. ***The use of cell phones during an event will result in disqualification.***

## Calculators

There are differences among calculators. A TI 31 is an example of a non-programmable calculator and a TI83 is a programmable calculator. Since both of these devices have more than 4 functions, neither may be used in events that specify four-function calculators. The four function calculators are typically those that cost only a few dollars.

## ***Specific event rules***

***Awesome Aquifers*** – As written, this event could take all day. After talking with State Director from Georgia, we suggest:

The number of potential concepts to be demonstrated by the constructed aquifer be reduced. ***All regional sites*** will use the following concepts:

*recharge, discharge, connection between surface and ground water, watertable, permeability, and ways an aquifer can fail*

Teams will be expected to build an aquifer that demonstrates 3 or more of these topics; the topics to be demonstrated will be told to teams the day of the competition.

At **state**, in addition to the above concepts, the following concepts will be included: *ground water contaminants and remediation*

Teams will be expected to construct an aquifer that demonstrates the **5 topics from this list chosen by the event supervisor. Teams will be notified of the concepts at the event.**

The written portions of this event may include any concept about aquifers and are not restricted to the topics above.

Schools with multiple teams must demonstrate the aquifers sequentially. B sites should run the questions and building for all teams at one time, followed by walk in or signup for "discussion." It is suggested that event judges merely test the aquifer—does it show all the concepts specified that day (10 pts); some of concepts (5 pts), 1 concept (1pt); no concepts (0 pts). Most ranking will come from the **q and a during "discussion."**