

AWESOME AQUIFERS – Tips for Students

1. Start by learning more about the event and groundwater. Read the rules, review glossary terms and resources about groundwater, and see pictures of model aquifers and the streaming video about the event on The Groundwater Foundation website at

http://www.groundwater.org/pe/so_aa.html.

2. The key to a successful model aquifer and demonstration is planning. Consider which concepts you want to demonstrate in which order. Concepts do not have to be demonstrated in the order listed, and one demonstration may explain more than one concept. This includes demonstrating remediation techniques.

3. Containers:

a. You may use more than one container if you wish.

b. Don't select containers that are larger or deeper than necessary. This cuts down on cost, waste, and weight. **BIGGER IS NOT BETTER!** The Groundwater Foundation's experience is that smaller, carefully planned containers are more likely to win medals than larger containers.

4. Judging:

a. Students may use notes while being judged as they demonstrate their models, but not for the written tiebreaker tests.

b. Remember to demonstrate concepts or identify aspects of your model. Students don't receive full points when they simply talk about their models. All concepts required to be identified or demonstrated can be identified or demonstrated.

c. Demonstrate or identify what's asked for on rules. There are no points awarded except those listed on the rules.