

The 25th Annual Rockhurst Science Knowledge Bowl
A U.S. Department of Energy Regional Competition
Co-sponsored by Honeywell Federal Manufacturing and Technologies

November 2008

Dear Science Coordinator,

The 25th Annual Science Knowledge Bowl is fast approaching. Once again, Honeywell and the Department of Energy (DOE) are joining us in co-sponsoring the Annual Kansas City Science Knowledge Bowl (SKB). This year's event will be held **January 31st, 2009** on the Rockhurst University campus from approximately 7:45 a.m. - 4:00 p.m.

You may register with the forms enclosed or you may download the registration forms through our regional site at <http://www.rockhurst.edu/skb>. Also listed on our website, is a detailed set of regional rules for SKB and sample questions.

We are continuing to base the division names on scientists, and students in each division will be asked general questions about each of the scientists. It is our hope that by studying these individuals students will become more aware of various career opportunities, and that students can begin to appreciate the numerous contributions made by individual scientists. The scientists selected to represent this year's SKB will be Dmitri Mendeleev and Rosalind Franklin. Students should anticipate questions about the scientific research and contributions that Mendeleev and Franklin have made to our society.

Websites we found helpful include:

Dmitri Mendeleev

www.woodrow.org
www.corrosion-doctors.org
www.absoluteastronomy.com
www.bookrags.com
www.edinformatics.com

Rosalind Franklin

www.accessexcellence.org
www.sdsc.org
www.pbs.org
www.physics.ucla.edu

The contest will be structured as follows:

- 1) Rounds will be eight minutes, and halves between rounds will be up to four minutes.
- 2) Teams will be limited to 5 students accompanied by one coach (and an alternate coach if desired).

The registration fee is \$50 / team. **YOUR TEAM MUST REGISTER BY JANUARY 21ST, 2009 TO BE ELIGIBLE FOR THE COMPETITION.** The registration fee includes a free continental breakfast for you and your students, and lunch will be provided by Honeywell. **SEND ALL ENTRY FEES to:** Kim Roberts; Rockhurst University; 1100 Rockhurst Road; Kansas City, MO 64110-2561.

As in the past we need your assistance to make the divisions as competitive as possible. In order to distribute the teams as evenly as possible, we need you to rank your top two teams (if you are sending more than one). On the application, we will need to have your strongest team (as best as you can rate) as "A" and your next as "B". We will not worry about the strength of any other teams. The "A" and "B" teams will then be evenly distributed between the "divisions".

Our regional competition will be organized into two equal divisions because DOE rules insist that each winner wins a contest rather than finishing as 1st and 2nd place teams. **Again this year, four teams from each of the two divisions will advance to the semi-finals.** To accommodate the extra teams there will be **four concurrent semi-finals** held on campus. The teams who win the semi-finals will then proceed to the final competition.

The final event for our Science Knowledge Bowl will continue to be our own local grand championship competition between the winners of the two divisions. The grand championship winner will receive a trophy, and in addition, the top eight teams in each “division” will receive plaques.

The winners of each division will move on to compete in the National DOE Science Bowl, all-expenses paid. Please note: the DOE competition will only accept teams with four members, one alternate, and a coach. The DOE competition will be held April 30th – May 5th, 2009 in Washington, D.C

Please register as soon as possible, but **no later than January 21st, 2009**. Please DO NOT hold up your entry form due to a lack of funds. If you have sent a requisition through your administrative channels, simply photocopy the request to show us that it is in process. For assistance with team registration fees, please contact us and we will do our best to help.

Again this year please note, the registration process will allow coaches to change student names until the day of the competition. You must still submit a registration form (before Jan. 21st) for your team and then **on the day of the competition** you must provide a legible list of each team’s students.

As always, it is our goal to make this event a fun-filled learning experience for the students, and to encourage them to become and stay actively interested in science as a career. If I can be of any assistance, please let me know.

Respectfully,

Mary Haskins
SKB Liaison to the Schools
SKB Event Co-Director

SKB Committee Members:

Robert Hegarty, SKB Event Co-Director & Czar of the Question Bank
Myra Everette, National Science Bowl Liaison
Dale Harak, SKB Site Director & Scoring Director
Janet Cooper, SKB Director of Moderators
Keith Brandt, SKB Assistant to Czar of the Question Bank
Kim Roberts, SKB Administrative Assistant

P.S. Questions, team submissions, or team corrections can be done via:

1. Mail - Kim Roberts; Rockhurst University; 1100 Rockhurst Road;
Kansas City, MO 64110
2. Fax - (816) 501- 4802
3. E-mail - kim.roberts@rockhurst.edu
4. Phone - (816) 501-4558