SB&F
SCIENCE BOOKS & FILMS: YOUR REVIEW GUIDE TO SCIENCE RESOURCES FOR ALL AGES

Science Fairs & Competitions

Canon Envirothon
http://www.envirothon.org

The Canon Envirothon is North America's largest high school environmental education competition. Each year, Envirothon provides students with a chance to get "up-close and personal" with North America's natural resources. Envirothon offers both in-class curriculum and hands-on field experiences focused around ecology, natural resource management, and current environmental issues. Envirothon holds annual competitions in which winning state/provincial teams compete for recognition and scholarships by demonstrating their knowledge of environmental science and natural resource management. The teams, each consisting of five high school-aged students from participating US States and Canadian Provinces, exercise their training and problem-solving skills in a competition centered on four universal testing categories (i.e., soils/land use, aquatic ecology, forestry, and wildlife) and a current environmental issue. Visit the Envirothon Web site for information on the 2007 competition.

Christopher Columbus Awards
http://www.christophercolumbusawards.com

Sponsored by the Christopher Columbus Fellowship Foundation and the National Science Foundation, the Columbus Awards program is a national competition that combines science and technology with community problem solving in a real-world setting. With the help of an adult coach, students work in teams to identify an issue they care about and use science and technology to develop an innovative solution. Each team of finalists and their coach win an all expense paid trip to Walt Disney World for the finals. The winning team receives a $25,000 grant to bring their idea to life. Check out the Web site for samples of previous projects, guidelines, and the entry form. The deadline for 2007 awards is in February.

Discovery Young Scientist Challenge
http://school.discovery.com/sciencefaircentral/dysc

Every year, more than 60,000 children from around the country enter science projects in one of the science and engineering fairs affiliated with the International Science and Engineering Fair (ISEF). Six thousand middle school entrants are then nominated by their fair directors to enter their projects in the Discovery Channel Young Scientist Challenge—the only competition of its kind for students in grades 5 through 8. To win a nomination to the Discovery Channel Young Scientist Challenge, all students need to do

is present a project at their local or regional ISEF affiliated science fair. All finalists receive an expense paid trip to Washington, DC for the finals. Winners receive $20,000 in scholarships.

Intel International Science and Engineering Fair
http://www.sciserv.org/isef

The Intel International Science and Engineering Fair (Intel ISEF) is the world's largest pre-college celebration of science. Held annually in May, the Intel ISEF brings together nearly 1,500 students from more than 40 nations to compete for scholarships, tuition grants, internships, scientific field trips and the grand prize: a $50,000 college scholarship. Science Service founded the ISEF in 1950 and Intel is now the major sponsor. The 2007 fair takes place May 13-19 in Albuquerque, New Mexico. The Web site has rules and guidelines for entering the fair, along with good general information on science fair projects in the Science Project Info section.

Junior Science and Humanities Symposium
http://www.jshs.org

The Junior Science and Humanities Symposia (JSHS) Program promotes original research and experimentation in the sciences, engineering, and mathematics at the high school level and publicly recognizes students for outstanding achievement. By connecting talented students, their teachers, and research professionals at affiliated symposia and by rewarding research excellence, JSHS aims to widen the pool of trained talent prepared to conduct research and development vital to our nation. JSHS regional symposia invite the participation of all high school students who have completed an original research investigation in the sciences, engineering, or mathematics, to apply to the regional symposium and vie for awards and recognition, including the opportunity to advance to the National symposium. JSHS regional and national symposium are held during the academic year and reach over 10,000 high school students and teachers throughout the United States, Puerto Rico, and the Department of Defense Schools of Europe and the Pacific Rim.

Local, Regional, and State Science Fairs

Most states have their own local, regional and state science fair competitions. These may prove to be the best chance for your students to participate in a science fair outside of their classroom. A simple Internet search will help you locate a science fair in your area. For example, if you live in California, check out: http://www.usc.edu/CSSF

Science Olympiad
http://www.soinc.org

The Science Olympiad is an international nonprofit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition for outstanding achievement in science education by both students and teachers. These goals are accomplished through classroom activities, research, training workshops and the encouragement of intramural, district, regional, state and national tournaments. The Science Olympiad tournaments are rigorous academic interscholastic

competitions that consist of a series of individual and team events, which students prepare for during the year. The Science Olympiad has 4 divisions is open to students in grades K-12. Visit the site to learn more about forming a team and participating in the annual Science Olympiad, which takes place in May.

Seimens Foundation Competition
http://www.siemens-foundation.org/competition

Administered by the College Board and funded by the Seimens Foundation, this competition recognizes remarkable talent early on, fostering individual growth for high school students who are willing to challenge themselves through science research. Through this competition, students have an opportunity to achieve national recognition for science research projects that they complete in high school. The competition encourages students to undertake individual or team research projects in science, mathematics, engineering and technology or in combinations of these disciplines. Scholarships for winning projects range from $1,000 for regional finalists to $100,000 for national winners.