



THE SCIENCE OLYMPIAD MISSION IS TO IMPROVE THE QUALITY OF K-12 SCIENCE EDUCATION THROUGHOUT THE NATION.

THE SCIENCE OLYMPIAD VISION TO ACCOMPLISH THIS MISSION IS:

- 1. To create a passion for learning science by supporting elementary and secondary Science Olympiad tournaments at building, district, county, state and national levels with an emphasis on teamwork and a commitment to excellence.**
- 2. To improve the quality of K-12 science education throughout the nation to change the way science is perceived and the way it is taught (with an emphasis on problem solving skills and hand-on, minds-on constructivist learning practices). This goal is accomplished through in-depth core curriculum training workshops and the distribution of curriculum materials to thousands of teachers.**
- 3. To celebrate and recognize the outstanding achievement of both students and teachers in the areas of science and technology by awarding thousands of certificates, medals and scholarships.**
- 4. To promote partnerships among community, businesses, industry, government and education. There are over 45,000 volunteers representing these groups at the Science Olympiad events.**
- 5. To improve and restructure the way science is taught and learned by conducting staff development and curriculum development workshops.**



THE SPECIFIC PURPOSES OF THE SCIENCE OLYMPIAD TOURNAMENTS ARE:

- 1. To bring science to life, to show how science works, to emphasize problem solving aspects of science and the understanding of science concepts.**
- 2. To develop teamwork and cooperative learning strategies among students.**
- 3. To make science education more exciting so more students will enroll in science courses and engage in other science activities like science reading, fairs, meetings and field trips.**
- 4. To promote high levels of achievement and a commitment to excellence, to demonstrate that American students can perform at levels that surpass expectations of even practicing scientists and engineers.**
- 5. To attract more students particularly females and minorities to professional and technical careers in science, technology and science teaching.**