



AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE

Enhancing K-12 Science Education
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About AAAS

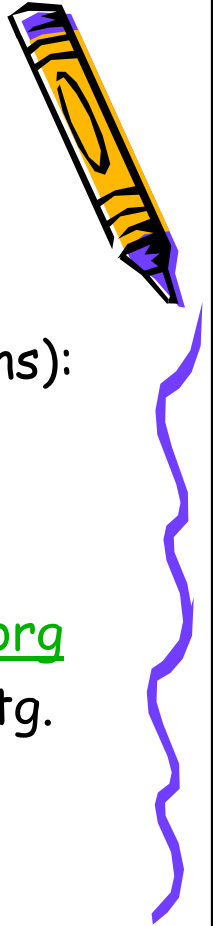
- AAAS ("Triple A-S"), is the world's largest general scientific society
- Founded in 1848
- Non-governmental, not-for-profit org.
- Publisher of *Science*
- 140,000 individual members in 130 countries; 272 affiliated scientific societies
- Mission: To advance science and innovation throughout the world for the benefit of all people

Directorate for Education and Human Resources Programs

- Created in 1989
- Brings together education initiatives dating from the 1950s
- Science, math and technology education
- Pre-K through postgraduate
- Underrepresented groups (women, persons with disabilities, minorities)
- Public outreach and engagement



Programs to Support Quality Pre K-12 Education

- Science NetLinks: free resources for science educators (websites, lesson plans): www.sciencenetlinks.com
- DC ACTS: increase performance in DC Public Schools: www.dcacts.org
- Parent Programs: www.parentsinvolved.org
- Forum for School Science: at Annual Mtg.





Extended Learning Opportunities for Youth

- Kinetic City: Internet-based after-school adventure program:
www.kineticcity.com
 - Science in the Summer: hands-on, inquiry-based science education for grades 2 to 6:
www.scienceinthesummer.com/
 - Public Science Day: Annual Meeting
 - SB&F: www.sbsonline.com
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Reaching Out to the Public

- AAAS Science Update: 90-second radio feature: www.scienceupdated.com
- Science+Literacy: communicating complex scientific ideas for a wide range of literacy levels: <http://ehrweb.aaas.org/ehr/scilit>
- Science and Everyday Experiences: African-American communities: www.deltasigmamatheta.org
- Science Linkages in the Community



AAAS Project 2061

- Founded in 1985 to help all Americans become literate in science, math and technology
- “Single most visible attempt at science education reform in American history”
- www.project2061.org
- Spanish website with all materials translated and freely available:
<http://www.project2061.org/esp>

Global Efforts

- International Public Science Day:
www.fi.edu/psd2003
- Survey
- Lecture Series on Women in Science and Engineering: mentoring and role models:
<http://www.aaas.org/international/lac/womeninscience.shtml>