

The NEED Project

National Energy Education Development



NEED Mission and Goals

The mission of The NEED Project is to promote an energy conscious and educated society by creating networks of students, educators, and business, government and community leaders to design and deliver objective multi-sided energy education programs.

In 2006-2007 NEED hosted over 600 workshops and reached 47,000 classrooms across the U.S.



NEED exists to prepare future leaders, train teachers to teach energy from a balanced perspective, and to reach parents and community decision makers through energy outreach and education.

NEED delivers up-to-date energy education materials. Materials are developed and reviewed with the assistance of a Teacher Advisory Board and an Energy Advisory Board in an effort to remain current – in both the education and the energy industry realm.



The NEED Connection

Curriculum Materials

Professional Development

Teacher Support

Student Recognition



Curriculum

NEED understands the needs of the classroom teacher. Materials meet, align and exceed the National Science Education Contact Standards and state standards. Educators who use NEED materials report that their students score better on end-of-grade testing, are more actively engaged in learning and develop leadership skills as members of the community.



Steps of Energy Education

- The Science of Energy
- The Sources of Energy
- Electricity
- Transportation
- Efficiency & Conservation
- Synthesis
- Evaluation
- Recognition



Professional Development

NEED offers a variety of training opportunities for teacher and students.

School year: training programs are offered for teachers, students, and the community. At some workshops, professional development or graduate credit can be earned.

Summer: National Energy Conference for Educators. Educators can meet other teachers from around the country, develop a NEED unit for their classroom, and increase their own energy knowledge.



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