

What is the SEAT Program?

Student Energy Auditor Training (SEAT) gives students first-hand experience analyzing how energy is used at their school. Students will learn about many aspects of energy efficiency and energy auditing and will have a chance to conduct real audits of select areas in their school.

SEAT demonstrates to students that they, along with the entire school community, can help control how energy is used at their school.

SEAT is comprised of a series of PowerPoint presentations and a set of activities that give teacher and students the tools to turn a selected audit area of their school into an energy-efficiency "laboratory." A detailed, sequential Teacher's Guide provides instructions on how to implement the program.

SEAT provides students with valuable realworld knowledge and experience that can be taken home and shared with the rest of the school community.

Schools and districts that have implemented the energy-saving changes recommended by SEAT students have been known to save thousands of dollars in energy costs.

Learning about and practicing energy efficiency means everyone wins!



STUDENT

S



ENERGY

E



AUDITOR

A



TRAINING

T



How to Save Energy AT YOUR SCHOOL

Student Energy Auditor Training



1850 M Street, NW, Suite 600
Washington, DC 20036
(202) 857-0666



What is the purpose of SEAT?

TO GIVE students first-hand experience analyzing how energy is used at their school

TO DEVELOP an understanding of the advantages of saving energy

TO DEMONSTRATE that you (the students and teachers) can influence how energy is used at your school!

How does SEAT work?

SEAT is a 1-day, 8-hour course available for middle schools and high schools. In some instances, the Alliance has used energy professionals to teach the SEAT curriculum. Alternatively, any secondary teacher, using the detailed Teacher's Guide, can teach the course — particularly teachers with a background in science.

SEAT uses PowerPoint slides, a Teacher's Guide that includes hands-on classroom and audit activities, and culminates with an audit report that can be presented to the district or School Board.

Why implement SEAT? Because it...

is a unique teaching tool

incorporates interdisciplinary concepts

emphasizes teamwork

utilizes hands-on activities

develops problem-solving, dimensional analysis, and measuring skills

improves social and leadership skills

enhances public speaking, presentation

skills, information management and critical thinking

offers students a link to future career options

uses school buildings as the center of the energy study

provides an incentive to save energy and money!

shows students can make a difference!

What do I need to get started?

- 1 Computer, projector, screen for PowerPoint presentation
- 2 Notebook for each student
- 3 Classroom and other campus rooms available for auditing
- 4 Refer to Teacher's Guide for materials required for each activity
(auditing tools can be borrowed from the PowerSave Schools Program)

How do I jump on board SEAT?

To get started or for more information, contact your PowerSave Schools Local Project Leader or the Alliance to Save Energy at **202.857.0666**.