



Dear fifth grade teacher or local sponsor:

We invite you to participate in the 2010 Arbor Day National Poster Contest. This year's theme is "***Trees Are Terrific...and Energy Wise!***"

The basic activity that begins on page 5 of the Activity Guide is a lesson plan that helps teach how trees produce food energy for people and wildlife, how properly selected and planted trees conserve energy, and much more! Students then test their knowledge by "designing" an energy-saving community that incorporates the five *Landscaping for Energy Conservation Guidelines* provided.

This lesson plan is correlated to the National Science and National Social Studies Education Standards, as well as the Texas Essential Knowledge & Skills (TEKS) curriculum for grade five, as shown below:

Subject: Science

- (5.3) **Scientific Processes** – The student uses critical thinking and scientific problem solving to make informed decisions.
- (5.6) **Science Concepts** – The student knows that some change occurs in cycles.
- (5.8) **Science Concepts** – The student knows that energy occurs in many forms.

Subject: Social Studies

- (5.9) **Geography** – The student understands how people adapt to and modify their environment.
- (5.27) **Social Studies** – The student uses problem-solving and decision-making skills, working independently and with others, in a variety of settings.

Subject: Art

- (5.2) **Creative Expression/Performance** – The student expresses ideas through original artworks, using a variety of media, with appropriate skill.

We hope you will use these award-winning lesson plans in your classes and participate in the state poster contest. For more information about the contest deadline, see the reverse side of this flyer or go to <http://texasarbordaycontest.tamu.edu>. Sign up for e-News for updates and helpful tips for holding the Arbor Day Poster Contest in your neck of the woods, <http://texasforestservice.tamu.edu/TFSeNews/Account/Subscribe.aspx?GID=6>.

