

THE RUTHERFORD SHADE TREE COMMITTEE PRESENTS ITS

Art Contest for 2010:

“SAVING ENERGY, SAVING MONEY”

Open to all Rutherford Students

THIS YEAR'S FOCUS IS ON **ENERGY EFFICIENCY**, AND THE GREAT IMPORTANCE TREES HAVE IN CONSERVING ENERGY RESOURCES AND MONEY.

STUDENTS ARE TO DRAW OR PHOTOGRAPH THEIR FAVORITE TREE IN TOWN THAT BEST SHOWS HOW TREES CAN SAVE ENERGY AND HELP THE ENVIRONMENT.

THINK ABOUT THE IMPORTANT ROLE TREES PLAY IN CITIES AND TOWNS, AND THE DIFFERENT WAYS TREES CAN BENEFIT YOUR COMMUNITY, INCLUDING:

- Trees **clean the air** by filtering pollutants through their leaves, and take in carbon dioxide to produce oxygen.
- Trees **reduce floods** and soil erosion by absorbing rain water. They also filter water runoff, reducing water pollution into rivers and storm drains.
- Trees **cool the air** through water evaporating from the leaves and by direct shade. Homes shaded by properly placed trees use up to 25% less energy for cooling and heating, and save up to \$250 in energy costs each year.
- Planted as **windbreak barriers**, trees can protect homes from hot or cold winds, and provide an energy savings of up to 30%.
- Trees **shading paved areas**, like driveways and asphalt parking lots, greatly decrease surface heat. In the summer, a city with trees shading paved areas can be 12 degrees cooler than one without trees.

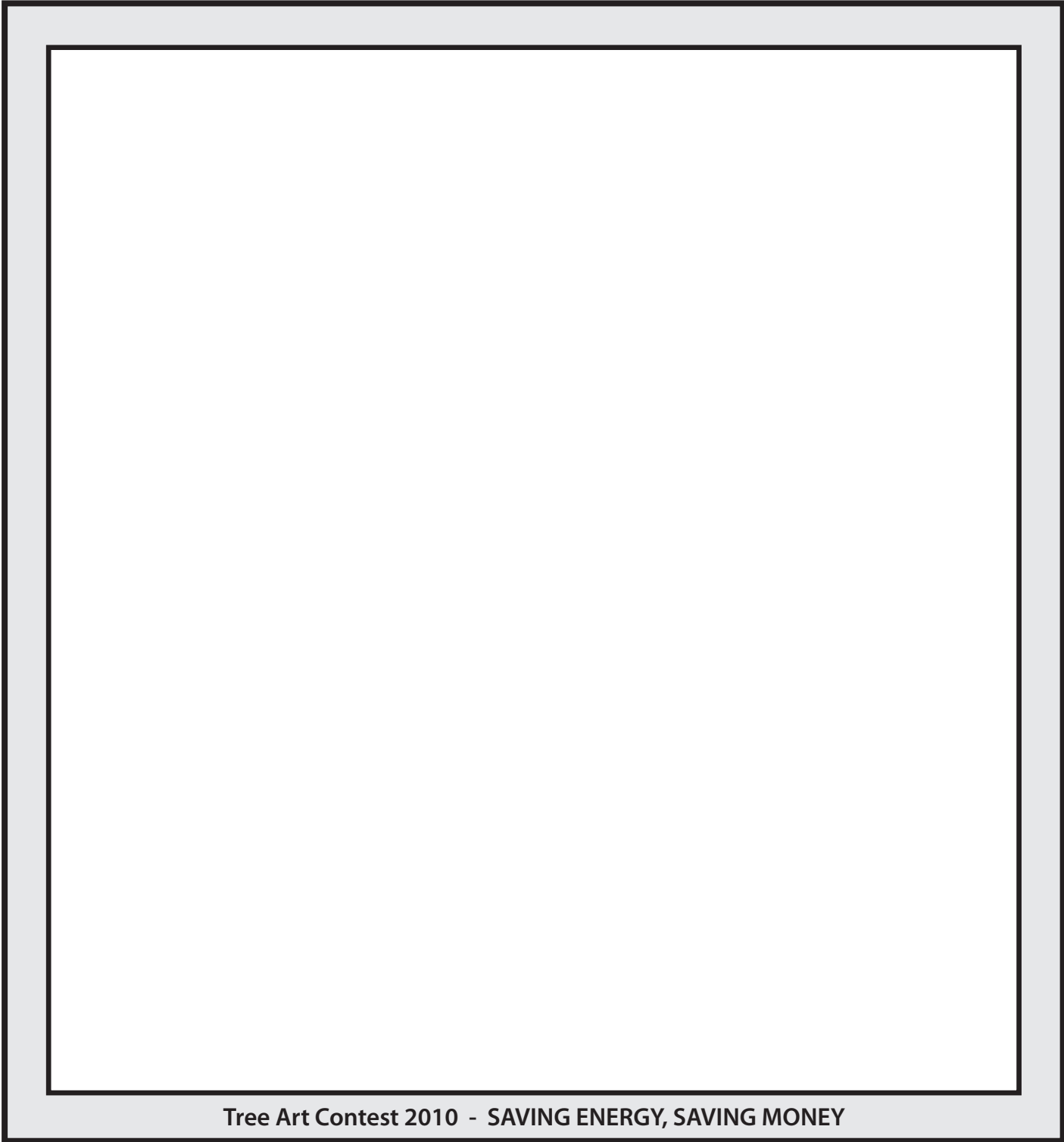
ALL ENTRIES WILL GO INTO THE 2010 BOOK OF TREES FOR PERMANENT DISPLAY AT THE RUTHERFORD LIBRARY.
WINNERS WILL BE ANNOUNCED AND PRESENTED WITH COMMENDATION AWARDS
AT AN UPCOMING BOROUGH COUNCIL MEETING IN THE FALL.

ALL ENTRIES SHOULD BE SUBMITTED TO TEACHERS BY JUNE 15.

more info & entry forms at:

<http://rutherfordschools.org> or www.rutherford-nj.com/shadetree





TREE SPECIES _____ LOCATION _____

How does this tree save energy or help the environment?

You may continue on the back. Please write your name, grade, school, & teacher on the back.