

What is International Public Science Day?

International Public Science Day is a community-oriented national science competition aimed at raising public awareness about the importance of science education in the U.S. and abroad, and heightening enthusiasm for science and technology across all demographics.

The theme for the fifth annual International Public Science Day is "Science is Power! Energy Everywhere."

After proposals were submitted for the 2002 competition, only twelve projects were selected. One of these twelve was Project: *Keep the Heat*, a proposal submitted by the following partners:

1. **The Long Island Museum of Science and Technology (LIMSAT)**
www.limsat.org

2. **The Nassau Technology Educators Association (NTEA)**
<http://info.lu.farmingdale.edu/~ntea>

3. **The Electronic Educational Village Long Island University**
<http://eev.liu.edu/eev02>

**Welcome to the C.W. Post Campus
of
Long Island University**

SCHEDULE OF ACTIVITIES

- 10:00 a.m. Buses arrive at Hillwood Commons
- 10:00 a.m. – 10:45 a.m. Activity Session I
- 11:00 a.m. – 11:45 a.m. Welcome
Dr. Joseph Shenker
Provost, C.W. Post
Video Teleconference
- 11:45 a.m. – 12:30 p.m. Activity Session II
- 12:30 p.m. Group Photograph
- 12:45 p.m. Buses depart campus



Project: *Keep the Heat*

Long Island Museum of Science & Technology
Nassau Technology Educators Association
Electronic Educational Village – Long Island University

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CELEBRATION OF INTERNATIONAL PUBLIC SCIENCE DAY

MARCH 20, 2002

Project: Keep the Heat



Keep the Heat Leaders:

LIU – Bill Kiley, Lud Braun, Faye Lourenso
LIMSAT – Ben Parris, Fran Werner
NTEA – Bill Youngfert

ACTIVITIES

Representing all of the students and teachers who have worked on Project: *Keep the Heat*, approximately 350 individuals will gather at the Hillwood Commons Building, C.W. Post Campus of Long Island University at 10:00 a.m., on March 20, 2002. The following activities have been specifically designed to provide further hands-on, inquiry based, interdisciplinary events related to Project: *Keep the Heat*.

1 . Keep the Heat PowerPoint – Participants will use Microsoft PowerPoint to create a slide show about *Keep the Heat*. Each person will leave with their PowerPoint presentation on a floppy disk. Facilitators: Kevin Ryniker & Peter McNally (LIU).

2 . Keep the Heat Box-Art – Using the wooden boxes which were built for the project, as well as several other media, participants will create paintings about the theme. Facilitators: Pat Gordon, Karolyn Casazza, and students from the Half Hollow Hills School District.

3 . Science Extensions I – Using four newly created science experiments, those attending this activity will examine the concepts of heat, temperature, etc. Facilitators: Dr. Lud Braun (LIU), Mr. Bill Brennan and students from the Island Trees Middle School.

4 . Science Extensions II – This activity will be led by students from the Beacon School in New York City. Participants will conduct experiments related to Charles' Law, and Specific Heat. Facilitators: Mr. Greg Cammack-Bentivegna and students from The Beacon School.

5 . Robotics and Keep the Heat – Using LEGO Mindstorm kits and their related software, participants will contribute to programming and robotic activities in finding heat sources. Facilitators: Matt Emma (9th grade, Chaminade H.S.), Dr. Jim Dunne (LIU), Mr. Kirill Khazan (LIMSAT).

6 . Music of Keep the Heat – Participants will create a musical composition about this project. Facilitator: Mr. John Meschi (LIU).

7 . Literature of Keep the Heat – Poetry, prose, etc. will be the product of this activity. Facilitator: Dr. Michael Byrne (LIU).

8 . Keep the Heat Conversations – Small groups of students will discuss the experiment and outcomes of Project: *Keep the Heat*. Work products from the groups will be displayed. Facilitators: Drs. Bette Schneiderman and Andrea McLoughlin (LIU).

9 . Environments and “The Box” - This activity will challenge participants to think about the types of environments in which buildings, like the test box, exist. Dioramas of the environment(s) will be constructed.

Facilitators: Faye Feller and Fernando Salicrup, (Taller Boricua, Community Center, East Harlem).

10 . Keep the Heat Placards, posters – Participants will design placards and posters which will be displayed during the video teleconference. Facilitators: Mr. Len DiBiase (LIU).

11 . Too much heat: designing the school building of tomorrow – A scenario based activity in which the participants will collaborate on the design of a new school. Facilitator: Dr. Fran Roberts (LIU).

12 . Technology Gaming – Using a device developed by the NTEA, this activity will challenge individuals in a hands-on, technology education based competition. Facilitator: Mr. Joe Fili (NTEA).

13 . PASCO Scientific Equipment – An opportunity for hands-on examination of the wide variety of equipment (e.g. probeware) which can be used in Science experiments. Facilitator: Mr. Sal Trupia.

14 . Keep the Heat E-Boards - Capture images, edit them and post them on an e-Board Facilitators: Ellen Robertson & Barbara Drayer (Half Hollow Hills School District)

15 . Live Video Teleconference – Live connection with the other eleven IPSD-2002 projects from around the country.