

# What is NTTI?

The National Teacher Training Institute (NTTI) is the centerpiece of a year-long professional development program, which arms teachers with the skills they need to effectively incorporate technology into their teaching. NTTI begins with an intensive teacher training conference designed for K-12 educators for the tri-state area. The Institute follows standards from such institutions as the U.S. Department of Education, the National Council of Teachers of Mathematics, the National Science Teachers Association, National Council for the Teachers of English, and the National Center for History in the Schools, demonstrating a variety of technology-based, hands-on learning experiences and emphasizing collaborative group projects. The training includes several breakout sessions that cover how to enhance an interdisciplinary lesson by using instructional videos and the Internet in classroom instruction, as well as how to design media-rich lessons. Participants learn to use Instructional Television (ITV) and prime-time PBS programs to explain, motivate, reinforce, and reach the different learning styles of students as they familiarize themselves with new curriculum concepts. During the Institute, attendees observe and participate in lessons that illustrate, step-by-step, how to teach with video and Web resources using introductory, learning, and culminating activities as well as community action plans for real-world applications.

After the conclusion of the Institute, the professional development program continues with follow-up meetings, year-round online resources, and e-courses offered through Thirteen EdOnline, Thirteen's online service for K-12 teachers.



# Contents

<b>1</b>	<b>Welcome/NTTI Overview</b>	
	Welcome .....	1.1
	Project Summary .....	1.3
	Welcome Letter .....	1.7
	2002–03 Master Teachers .....	1.9
	National Teacher Training Institute Staff .....	1.15
<b>2</b>	<b>Planning Media-Rich Lessons</b>	
	Tips for Using Instructional Video and Public Television Programming in the Classroom .....	2.1
	Video Utilization Strategies .....	2.3
	Tips for Using the World Wide Web in the Classroom .....	2.5
	Internet Utilization Strategies .....	2.9
	Media-Rich Lesson Template .....	2.11
	NTTI Lesson Planning Guide .....	2.15
	Techno-Tips: Video .....	2.17
	Troubleshooting VCR Problems .....	2.19
<b>3</b>	<b>Lesson Plans</b>	
	Table of Contents.....	3.1
	Lessons.....	3.3
<b>4</b>	<b>Instructional Television (ITV) Programming</b>	
	Program Index of All ITV and Prime-Time Shows in the NTTI Lessons .....	4.1
	Ideas for the Use of Close-Captioned Instructional Television .....	4.2
	ITV Closed-Captioned Program Guide .....	4.3
	Building a Library of Instructional Videotapes .....	4.5
	Overview of Educational Off-Air Recording Rights .....	4.6
	United Streaming.....	4.9

## 5 The Internet

Thirteen EdOnline: The Practical Web Service for Teachers .....	5.1
The Internet Primer .....	5.3
What You Need to Get Connected .....	5.7
Internet Service Providers (ISPs) .....	5.12
Searching the Web .....	5.14
Downloading Resources from the Web .....	5.21
Using the Web as a Classroom Resource Tool .....	5.24
Creating a Web Page .....	5.30
Acceptable Use Policy .....	5.37
Internet Glossary .....	5.45
Bibliography .....	5.55

## 6 Workshop Guidelines

Planning Your Own NTTI Workshop .....	6.1
Conduct Your Own NTTI Workshop and Keep Us Posted .....	6.2
Curriculum Standards and Educational Reform Initiatives .....	6.3

**Funding for the 2002-03  
National Teacher Training Institute  
is provided by:**



Corporation  
for Public  
Broadcasting



***GE Fund***

---





# Thirteen/WNET Educational Services Advisory Committee

MARY BETH ANDERSON

Director

Regional Partnership of Schools & Colleges

Purchase College, SUNY

Purchase, New York

JAMES DONLEVY

Superintendent

Greenburgh-North Castle School District

Dobbs Ferry, New York

JOY BARNES-JOHNSON

Science Assessment Specialist,

Educational Testing Service

Montclair High School

Montclair, New Jersey

JOYCE DUL-JACUNSKI

Principal

Our Lady of Refuge School

Brooklyn, New York

ROBERT BERWICK

Science Department Head

New Canaan Country School

New Canaan, Connecticut

KENNETH FREDYNA

Science Dept. Liaison

Fairfield High School

Fairfield, Connecticut

BR. PATRICK BYRNE

Principal

Sacred Heart School

Valisburg, New Jersey

KATHLEEN GIBBONS

Teacher

Northern Parkway School

Uniondale, New York

CARMINE DEBETTA

Deputy Superintendent, BOE/CUNY Collaborative

NYC Board of Education

Brooklyn, New York

EDWARD GRASSEL

Guidance Counselor

NYC Lab School

New York, New York

MARY HILL

Staff developer/Grade 8 computer teacher  
North Shore SD  
Glen Head, New York

NANCY MILLER

Teacher  
Montville Township High School  
Montville, New Jersey

DAVID ISRAEL

Syosset CSD  
99 Pell Lane  
Syosset, New York

JOSEPHINE N. MOFFETT

Superintendent  
Greenburgh Central School District No. 7  
Hartsdale, New York

LIDANA JALILVAND

Director of Special Programs  
United Nations International School  
New York, New York

ONAJE MU'ID

Director  
Phoenix House – LIC  
Long Island City, New York

SUE KELSEY

Teacher  
New Canaan Country School  
New Canaan, Connecticut

MARYAM NASSERI

Teacher  
New York, New York

SR. PEGGY LINAHAN

A.V. Coordinator/Media  
Bishop Ford Central Catholic High School  
Brooklyn, New York

DIANE NEARY

Head Librarian  
Nightingale Bamford School  
New York, New York

CHARLES G. LITOW

Office of High School Admissions  
New York, New York

TERESA NISS

Fine Arts Coordinator  
White Plains Public Schools  
White Plains, New York

PAUL LOBOEN

Project SMART Staff Developer  
District Office 12  
Bronx, New York

DR. JAMES M. RYAN

District Superintendent  
Rockland BOCES  
West Nyack, New York

INA SEGNIT

Fine Arts Coordinator  
Middletown District Schools  
Middletown, New York

WILLIAM P. WALSH

Director of Technology  
The Town School  
New York, New York

RONALD SMALLS

Superintendent  
Hawthorne Cedar Knolls UFSD  
Hawthorne, New York

KENNETH J. WARCHOL

Learning Technology Specialist  
Norwalk High School, Library Media Center  
Norwalk, Connecticut

ROCCO STAINO

Director  
North Salem Central High School  
North Salem, New York

CHRISTOPHER W. WARD

Science Teacher  
Hommocks School  
Larchmont, New York

ED SUSSE

Assistant Principal  
Washington Irving High School  
New York, New York

SIDNEY J. WILLIAMS, JR.

Facilitator  
United Parents Association  
New York, New York

THOMAS TROCCO

Teacher  
Brooklyn, New York

STEPHEN J. ZIPKO

Biology Teacher  
Randolph High School  
Randolph, New Jersey

ANGELA VILLEGAS

Teacher (hearing impaired students)  
Brooklyn, New York