



***CYBERCHASE* Season 4 Outreach Site
Application Information Packet
2005–2006**

**LOOKING FOR A FUN AND EXCITING WAY TO DO MATH?
GET CONNECTED WITH *CYBERCHASE*SM!**

Thirteen/WNET New York (PBS) is seeking **classrooms, after school programs, libraries, museums/science centers** across the United States to participate as sites for an exciting, multimedia outreach initiative that makes a ***Math, Science & Engineering*** connection. Sites will be provided with the materials and know-how to do math...***CYBERCHASE*SM** style! Energize your kids with brain power and help them learn that math is fun, math is about problem solving, and wow, does it come in handy!

***CYBERCHASE* = KID POWER!**

Submission and Report Deadlines

Submit completed application **upon receipt**

Final report due on **June 16, 2005**

***CYBERCHASE* IS.....**

CYBERCHASE, the hit math mystery cartoon series seen daily on PBS KIDS GO! (check local TV listings), engages kids 8 –11 in the fun and challenge of mathematics and problem solving. In each TV episode, three young heroes – Jackie, Matt and Inez – and their pal Digit, use brain power to thwart the dastardly villain Hacker in his mad quest to take over the cyberworld. Kids learn that math is fun, math is about problem solving, and, wow, does it come in handy!

With its highly popular Web site (www.pbskidsgo.org/cyberchase), and outreach resources, ***CYBERCHASE*** is *the* mathematics multimedia project for today's generation.

CYBERCHASE motivates millions of children to approach math with confidence, enthusiasm and competence.

CYBERCHASESM is produced by Thirteen/WNET New York and Nelvana in association with Flying Minds.

MAKING A MATH, SCIENCE & ENGINEERING CONNECTION...

...**CYBERCHASE** STYLE!

As the National Academy of Sciences' *National Science Education Standards* states, "Mathematics is essential to asking and answering questions about the natural world." Kids have a natural curiosity about the world around them. At a time when science programs in schools are experiencing budget cuts and children are having fewer meaningful opportunities to explore their environment, **CYBERCHASE** introduces kids to how math can be used to discover how things work by making a **Math, Science & Engineering** connection. Tapping into the power of **CYBERCHASE's** programs and engaging multimedia activities, the collaboration of broadcast, web and educational resources will reveal important links between math, science and engineering, such as...

- ✓ Angles in Bouncing
- ✓ Choosing Units of Measure
- ✓ Gears
- ✓ Interpreting Change in Line Graphs
- ✓ Measurement of Physical Quantities
- ✓ Patterns in Nature
- ✓ Predicting from Data
- ✓ Time/Distance/Speed

CYBERCHASE GEARS UP WITH EWEEK

Beginning Fall 2005, the National Engineers Week Foundation will distribute the **CYBERCHASE** Math in Science & Engineering Activity Guide and other **CYBERCHASE** information to volunteer engineers and engineering students to help mentor thousands of K-6th grade students nationwide. Leslie Collins, Executive Director of the National Engineers Week Foundation, says, "We share a common goal with **CYBERCHASE** of seeking to educate kids in how they can make real world connections with math. Our partnership with **CYBERCHASE** is helpful for our outreach, because the younger you can get the math and science message to children, the sooner you can engage them in those areas and eventually direct them to engineering careers."

JOIN THE CHASE!

HOW CAN YOU TAKE PART? Utilize the **CYBERCHASE Math in Science & Engineering** Activity Guide and accompanying **CYBERCHASE** materials to engage a diverse group of children between the ages of 8-11 in the fun of Math, Science & Engineering - **CYBERCHASE** style!

Sites will receive periodic updates via the CYBERCHASENEWS LISTSERV, as well as the following *CYBERCHASE* resources*:

Resource	Description	Quantity
<i>CYBERCHASE</i> Math in Science & Engineering Activity Guide	The guide includes 5 hands-on activities (in electronic & hard copy formats), as well as a DVD of <i>CYBERCHASE</i> episodes and a CD-rom of activities, graphics and other helpful tools on math, science & engineering.	1
<i>CYBERCHASE</i> Workshop Activity Kit “The Footprint Files”	This kit includes workshop activity sheets and a VHS copy of the related episode that explore the topics of ratio & proportion/measurement.	1
<i>CYBERCHASE</i> Outreach Toolkit	This binder contains scripted instructions of three (3) workshop activities, program information, press release templates, certificate template, and many more basics!	1
<i>CYBERCHASE</i> Teacher’s Guide	The Teacher’s Guide includes background information for educators as well as hands-on activities for children designed to be photocopied and handed out. <i>1st edition guide available online.</i>	1
<i>CYBERCHASE</i> Kids Magazine	A full-color publication filled with games, puzzles and fun math activities.	25
<i>CYBERCHASE</i> Kids Magazine (Spanish language)	A Spanish language full-color publication filled with games, puzzle and fun math activities.	By request
<i>CYBERCHASE</i> At Home Kits	These activity cards provide parents with ideas for activities they can do with their children in familiar settings, set to a <i>CYBERCHASE</i> beat. <i>Also available online.</i>	25
<i>CYBERCHASE</i> En Casa Kits	At Home cards in Spanish. <i>Also available online.</i>	By request
<i>CYBERCHASE</i> Bookmarks		25
Adult & Minor Legal Waivers	Masters will be provided for duplication. To be signed by event guests and returned to <i>CYBERCHASE</i> along with accompanying photos.	1 each <i>Available on CD-rom of Activity Guide.</i>

* Additional materials may be available upon request while supplies last.

OUTREACH SITE ELIGIBILITY

Selected sites must be able to:

- Utilize the ***CYBERCHASE Math in Science & Engineering*** Activity Guide and accompanying ***CYBERCHASE*** materials to engage a diverse group of children between the ages of 8–11 in the fun of Math, Science & Engineering – ***CYBERCHASE*** style!...by June 2006.
- Appoint at least one (1) staff member as the local coordinator/implementer of the project.

This individual ***must*** take part in a teleconference with Thirteen/WNET New York (dates and times to be announced) to become educated and familiarized with ***CYBERCHASE*** and the ***CYBERCHASE Math in Science & Engineering*** initiative.

- Educate and familiarize participating staff at the site with the ***CYBERCHASE*** materials;
 - Familiarize your staff and kids with ***CYBERCHASE*** and its Web site
- Promote ***CYBERCHASE*** to your communities via newsletters, flyers, Web sites, email, listservs, advisory boards, local school and related organizations;
- Distribute ***CYBERCHASE*** materials to children, parents, and other caregivers;
- Reach out to the local PBS station for possible partnership and promotional opportunities;

(Assistance with connecting with local PBS stations provided by ***CYBERCHASE*** if required.)
- Reach out to local engineering groups, museum/science centers, libraries, schools, and/or after school programs for possible partnership opportunities;
- Submit a Final Site Report on all activities for delivery to **National Engineers Week Foundation** by June 16, 2006:

- **Final Site Report Requirements** (form/guidelines to be provided at a later date)

- Description of how ***CYBERCHASE*** enhanced your program
 - How were the activities, materials and Web site used?
 - How many children were impacted?
 - What age group(s)?
 - Rate the success of the program;
- Copies of any Web, print and promotional materials, correspondence, parent letters/quotes, local press clippings or relevant information regarding the ***CYBERCHASE*** program.

- Description of how you worked with the local PBS station or other partners



(if applicable) in implementation or promotion;

- Electronic (e-mail or CD-Rom) versions of photos which document the ***CYBERCHASE*** activities instituted at the site.
- Delivered photos should include signed waivers (provided by ***CYBERCHASE*** on CD-rom of Activity Guide) and must be returned with any photos that include people. (Each child and each adult appearing in a provided photo must have one signed release form per person.) Thirteen/WNET New York may use these names, images or work for promotional purposes as set forth in the Wavier.

APPLICATION PREPARATION & SUBMISSION

Please submit completed application forms upon receipt

Via email to Leslie Collins, eweek@nspe.org

For submission of signed copies, please send hard copy to:

Leslie Collins

Executive Director

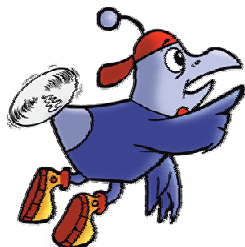
National Engineers Week Foundation

1420 King Street

Alexandria, VA 22314

CONTACT INFORMATION

For more information about the *CYBERCHASE* outreach program or application process, please contact:



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THANK YOU!