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education.ti.com

Your Passion.

Our Technology.

Student Success.

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Visit www.sat.org and www.act.org

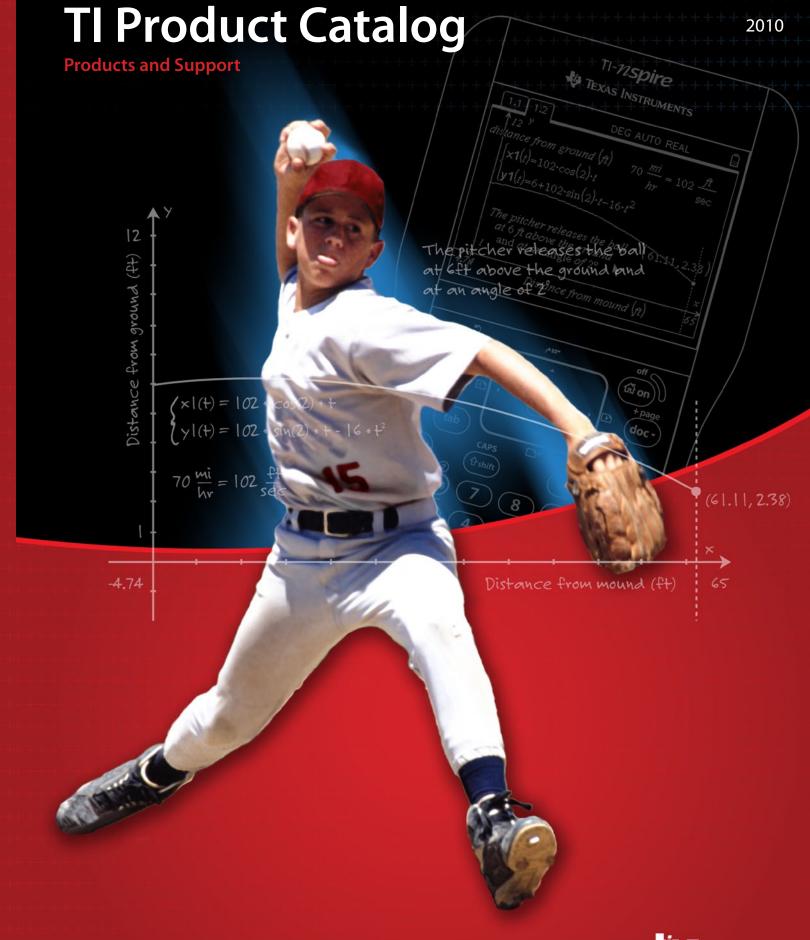
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Welcome to TI



Texas Instruments supports the passion educators possess for teaching with technology designed to help students succeed in math and science.

Tl's research-based[†] technology for instruction and assessment, curricular materials and professional development combine to provide essential elements for greater student achievement.

 † For more information, see <u>education.ti.com/research</u>.

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TI-Nspire™ Handheld

with Touchpad

traditional graphing possibilities.

a problem.

TI-Nspire[™] technology combines enhanced graphing

capabilities with computer features, extending beyond

» Imagine exploring a quadratic function graphically,

tabularly, and symbolically – all at the same time!

Exploring math with different representations helps

» Access the applications used to on a computer in the

palm of your hand, including a quick calc, notepad, tables

and spreadsheet, and advanced graphing capabilities.

at one time. Exploring math in different ways can help

» View individual representations, or as many as four, all

» See cause-and-effect scenarios in real time. Change a

other "linked" representations of the same problem.

problem's properties and see instantly how it impacts

» Save work from one class to the next. Open a saved

TI-Nspire document from the handheld or software –

students make meaningful connections.

students understand there are multiple ways to solve

NEW! Home Screen

View the user-friendly home screen and perform quick calculations and graphs using the Scratchpad feature.

NEW! Touchpad Keypad

The TI-Nspire handheld is the first graphing handheld with a touchpad for navigating screens, menus and objects.

NEW! Letter keys

Quick-touch alpha letter keys at the bottom of the keypad make it easy to enter text.

Rechargeable-ready

TI-Nspire and TI-Nspire CAS handhelds

with Touchpad have the capability to

use TI-Nspire Rechargeable Batteries

For more information about the TI-Nspire

(sold separately).

Rechargeable Battery, visit

education.ti.com/recharge.



>>> TI-Nspire CAS Learning Handheld

- Use the same TI-Nspire functions plus a built-in Computer Algebra System (CAS). Permitted on SAT*, AP*, PSAT/ NMSOT* and Praxis exams, and many state tests
- *The TI-84 Plus Keypad is not compatible with the TI-Nspire CAS handheld.



TI-84 Plus Keypad for TI-Nspire handhelds

Available by request, this keypad makes it possible to use TI-Nspire handhelds and TI-84 Plus family graphing calculators in the same classroom. You can feel comfortable and confident adding TI-Nspire technology to your syllabus.

The TI-84 Plus Keypad operates only on the TI-Nspire handheld and is not compatible with the TI-Nspire



NEW! TI-Nspire Navigator™ System

Engage students and encourage participation through a completely wireless network of TI-Nspire or TI-Nspire CAS handhelds.

- Instantly assess student understanding and adjust instruction as needed.
- Have students project their work on the handheld from anywhere in the classroom.



EZ-Spot Teacher Packs

- Distinguish handhelds as "SCHOOL PROPERTY" with bright yellow slide cases and back frames
- Keep track of classroom-issued handhelds more easily.
- Special order EZ-Spot Teacher Packs through a TI Instructional Dealer. Visit education.ti.com/dealers

Rechargeable-ready

TI-Nspire and TI-Nspire CAS handhelds with Touchpad have the capability to use TI-Nspire Rechargeable Batteries (sold separately). Users have the choice to power the handhelds by:

- » AAA alkaline (non-rechargeable) batteries only included
- » The TI-Nspire Rechargeable Battery only (available separately)
- A combination of the TI-Nspire Rechargeable Battery (available separately) and AAA alkaline (non-rechargeable) batteries (included in package)

For more information about the TI-Nspire Rechargeable Battery, visit education.ti.com/recharge.



Now in color

The vibrant full-color display helps further accentuate graphical, statistical, geometric and numeric representations on screen.

Customizable Software Views

Arrange software panels with thumbnails of your pages, math templates, symbols, and function catalog to look and function the way you want.

NEW! Print capability

Print out electronic TI-Nspire documents, including math content, exams, reports, class activities and homework assignments.

Smart, simple navigation

The TI-Nspire software interface makes it easier to select menus, move through windows, open folders and operate other functions.

TI-Nspire™ Teacher Software

Virtual on-screen keypad

Educators can select the TI-Smartview emulator feature to display a virtual on-screen handheld with the same keypad functions as the TI-Nspire handheld. Project a full interactive TI-Nspire handheld alongside a large handheld screen, and integrate the emulator's features with interactive white boards and digital projectors.

Question application

This application lets educators easily create and send questions to students during class. Create questions such as: open response, custom choice, true/false, yes/no, right/wrong, agree/disagree, always/ sometimes/never and strongly agree/strongly disagree.

Site deployment and activation

Centralized deployment over the school's, district's or campus's network simplifies and speeds up the process of downloading and activating TI-Nspire software on multiple computers.

TI-Nspire Family of Software is PC and Mac® compatible Mac is a registered trademark of Apple Inc

TI-Nspire Student Software

It's all in one package. Educators can add TI-Nspire technology to their syllabus, knowing that students can purchase the handheld and student software together. Another advantage: the TI-Nspire handheld is permitted on college entrance and end-of-course exams, including a growing list of state tests.

Software Licensing Option

Ongoing (Perpetual)	Single, Volume, Concurrent
Renewable (Subscription)	Volume, Concurrent



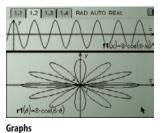
TI-Nspire / TI-Nspire CAS Teacher Software

The ideal tool for classroom demonstration, TI-Nspire Teacher Software (PC or Mac®) and its built-in TI-SmartView™ emulator give educators the tools to author their own activities and tests and use them to show students the many paths to success.

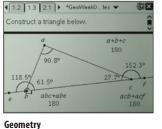
Software Licensing Option

Ongoing (Perpetual)	Single, Volume, Concurrent
Renewable (Subscription)	None available

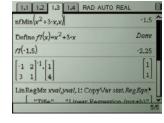
Built-in Applications for Handhelds and Computer Software



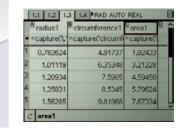
Graphical representations



Geometry representations

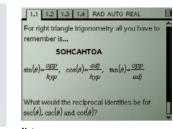


Algebraic and symbolic representations

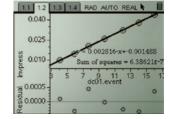


Lists & Spreadsheet

Numeric and analytical representations



Written representations



Data & Statistics Statistical representations education.ti.com 3

2 <u>education.ti.com</u>

just like on a computer.

TI-Nspire[™] **Professional Development**





Math Nspired Lesson **Resource Center**

Sign up online for access to free, ready-to-use online lessons targeting concepts* students struggle with most. Aligned to standards and mathematically-rich, these lessons are quick to locate and fast to download, saving you time during the school day and at home should your lesson prep roll over into the evening hours. ti-algebranspired.com ti-geometrynspired.com.

Coming Fall 2010

Algebra 2 Nspired and Calculus Nspired

>> Online Learning

Math Nspired Webinars

Take advantage of the T³™ webinar series on Math Nspired, featuring both live and on-demand webinars that show educators how to effectively use Math Nspired to build student understanding of core math concepts.

mathnspired.com.

TI-Nspire Product Tutorials

TI has teamed with Atomic Learning,™ an award winning provider of Web-based training, to create a library of FREE TI-Nspire and TI-Nspire CAS tutorial movies.

education.ti.com/tutorials.

T³ Online Courses

Convenient for your schedule, several of these courses also offer graduate or continuing education credit for a fee.

education.ti.com/onlinecourses.

>>> Face-to-Face Professional **Development**

T³ Summer Workshops

Experienced T³ instructors lead hands-on training sessions of various lengths held throughout the U.S. and Canada.

education.ti.com/workshops.

T³ Math Teacher Educator **Technology Workshops**

Workshop for pre-service education explores best practices in using the latest technology to support pre-service teacher problem-solving and lesson planning.

education.ti.com/us/mte.

T³ Community College **Technology Workshops**

Hands-on training and best teaching practices for incorporating TI-Nspire[™] technology into college-level Algebra courses.

education.ti.com/us/communitycollege.

T³ Conferences

The annual T³ International Conference and yearround Regional Conferences welcome educators new and familiar with TI technology. education.ti.com/t3conferences.

T³ Regional Conferences

For complete listings visit education.ti.com/conferences.

T³ Outreach Program

Let TI work with you to set up the specific type of training you need with a short-term, customizable workshop at your school. education.ti.com/us/outreachprogram.

TI Online Events Locator

Find training in your area, add an event to your Outlook® calendar and receive email alerts. education.ti.com/us/events.

>>> Customized and Blended **Professional Development**

Blended professional development opportunities

It's the best use of your time when you need TI-Nspire know-how that will fully prepare you for using Math Nspired lessons. Free self-paced and live online learning with affordable packages of customized webinars and face-to-face workshops provide an optimal educator support experience.

ti-algebranspired.com ti-geometrynspired.com

>>> Systemic Professional Development

T^{3™} Teacher Leader Cadre (TLC)

Nine days of training that covers technology, curriculum, presentations, teaching adults and building a learning community.

education.ti.com/us/tlc.

T³ Graduate & Continuing Education Credit

Committed to teacher success, TI offers CEUs and graduate credit for select professional development opportunities.

education.ti.com/onlinecourses.

>>> Curricular Content

Classroom-ready Activities via email

Subscribe to receive weekly and monthly activities emails for Algebra 1, Algebra 2, Geometry, Precalculus, Calculus, Statistics and Physics that are aligned to state, textbook, NCTM and NSES standards.

Sign up on **TIMath.com** and **TIPhysics.com**.

Activities Exchange

Educators have access to more than 3,000 free online math and science activities. Browse by subject, state, national or Canadian provincial standards, or by textbook, and download classroom-ready activities. Share your own activities with other educators.

Visit education.ti.com/exchange.

Getting Started Series

Free online booklets feature activities that introduce new users to the key features of TI technology, including:

- » Introducing TI-Nspire Technology
- » TI-Nspire: High School Mathematics
- » TI-Nspire: Developmental Algebra

Visit education.ti.com/us/gettingstarted.

FREE! TI-Nspiring Times Newsletter

By and for TI-Nspire users, the TI-Nspiring Times Newsletter contains the latest information on TI-Nspire and TI-Nspire CAS family of handhelds. Published two times a year and delivered to your mailbox. Subscribe at education.ti.com/updates.

Textbooks

An increasing number of publishers are adding TI-Nspire technology content. TI-Nspire activities offered by different publishers can help educators give students the opportunity to interactively explore concepts first introduced in the textbook.

For more information, visit

education.ti.com/activities.



4 education.ti.com



NEW! TI-Nspire Navigator System

- » Wirelessly share documents and instantly assess each student's understanding at any point during the lesson.
- » Transfer documents between your classroom computer and all student handhelds simultaneously.
- » Have students show their work to the class from anywhere in the room.
- » Collect activities, homework and tests, and save them on the computer to grade, record and archive.

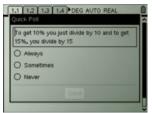
The TI-Nspire Navigator System is based on TI-Navigator research studies that show a positive impact on student engagement, understanding and performance.

To learn more, visit **education.ti.com/research**.



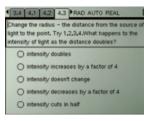
TI-Nspire Navigator Wireless Cradles

These rechargeable wireless cradles slide on each TI-Nspire or TI-Nspire CAS handheld to create a completely wireless network, and are included with the TI-Nspire Navigator System.



Quick Poll

Send a "quick poll" for an immediate look at overall classroom progress.



Ongoing Assessment

Use electronic documents, such as multiplechoice questions, to quickly assess student understanding.



Live Presenter

Students have the ability to present their work from anywhere in the classroom.



Screen Capture

Capture the screen of student handhelds on your computer to monitor progress and see who needs guidance.



TI Connect-to-Class™ Teacher Software Kit

Connect-to-Class teacher software allows the teacher to quickly and easily send and collect TI-Nspire documents, student work and data to and from up to eight TI-Nspire or TI-Nspire CAS handhelds at the same time.* Students connect their handhelds to the teacher's computer through the USB hubs provided with the software.



TI Connect-to-Class™ Teacher Software Kit connects up to eight handhelds at one time to the teacher's computer.

*Not compatible with the TI-84 Plus Keypad.

Share documents with multiple students.

- Save valuable class time and allow students to start exploring TI-Nspire documents immediately.
- Send documents to students at the beginning of class.
- Collect assignments and unfinished work.
- Redistribute collected files over multiple class periods.
- Update TI-Nspire and TI-Nspire CAS operating systems.
- Manage documents generated by students.
- Delete files and folders before the handheld is used by the next student.

How to get Connect-to-Class Software FREE!

Simply purchase a TI-Nspire or TI-Nspire CAS Teacher Bundle or Teacher Pack, and you'll find information on how to get a FREE Connect-to-Class Teacher Software Kit.

For more information,

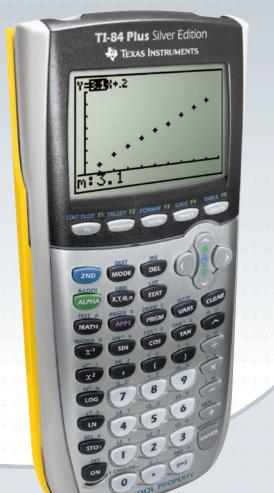
visit education.ti.com/nspire/connecttoclass.

With TI-Nspire Computer Link Software, you or your students can also connect a single TI-Nspire or TI-Nspire CAS handheld to a computer.









TI-84 Plus Silver Edition

Shown in EZ-Spot Yellow

This popular graphing calculator is fully loaded with features designed to help students gain an academic edge in math and science and perform well on high-stakes exams.

- » Greatly expands performance with more than 20 preloaded Apps and nine times the memory of the TI-83 Plus.
- » Latest operating system download* version 2.53 features MathPrint™ Mode, which lets you input and view math symbols and formulas, including stacked fractions, exactly as they appear in textbooks.
- » Download this free OS update for your teaching calculator and TI-SmartView™ emulator software at education.ti.com/84.
- » Easily disables and restores Apps for tests with TI TestGuard 2.0 software and Press-to-Test features.



TI-84 Plus

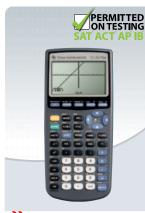
- Expands performance with more than 10 preloaded Apps and three times the memory of the TI-83 Plus.
- Provides fast computer-to-calculator data transfer with a USB cable included.
- Help protect school property with EZ-Spot Teacher Packs of 10 calculators.



TI-84 Plus Keypad for TI-Nspire

Available by request, this keypad makes it possible to use TI-Nspire handhelds and TI-84 Plus family graphing calculators in the same classroom. You can feel comfortable and confident adding TI-Nspire technology to your syllabus.

The TI-84 Plus Keypad operates only on the TI-Nspire handheld and is not compatible with the TI-Nspire



TI-83 Plus

- Provides easy-to-use graphing calculator functions for math and science
- Helps students graph and compare functions, and plot and analyze data.



TI-Navigator™ System

Raise student engagement, and instantly assess student understanding with wireless communication between students' TI-84 Plus family graphing calculators and the teacher's computer.



>>> Data Collection

Make math and science exciting and interactive for the entire class by combining the TI-84 Plus family with real-world data collection tools from TI and Vernier Software & Technology.



TI-SmartView™ **Emulator Software**

Explore concepts with the entire class by presenting large representations of the graphing calculator screen and keypad. TI-SmartView for the TI-84 Plus family easily integrates with interactive whiteboards and digital projectors. Order a 30-day trial at education.ti.com/smartview

Curricular Materials that Engage Students

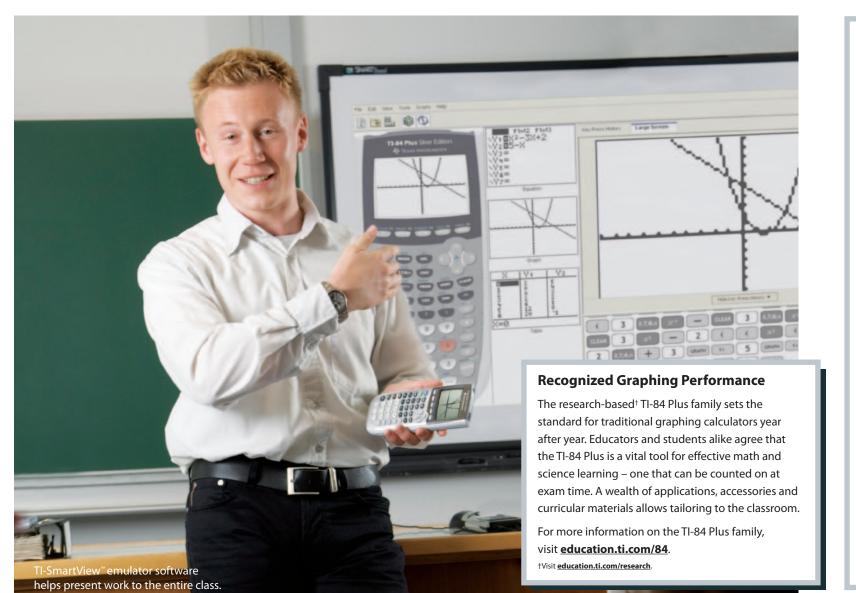
- » Free classroom-ready, subject-specific activities for the TI-84 Plus Silver Edition are easy to download at **TIMath.com**.
- » Textbooks and supplements from leading publishers incorporate TI-84 Plus family graphing calculator content for math and science.

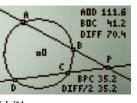
Accessories to Enhance the TI-84 Plus Family

- Customizable faceplates and slide cases come in more than a dozen colors.
- Customizable GraphiTI slide case stickers personalize the look of the TI-84 Plus and TI-84 Plus Silver Edition.

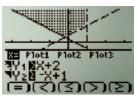
EZ-Spot "School Property"

Help secure school investment with EZ-Spot Teacher Packs of 10 graphing calculators, featuring bright yellow covers and "School Property" inscription (shown at far left).





Engages students with interactive geometry



Inequality Graphing Graphing and exploration of inequalities.

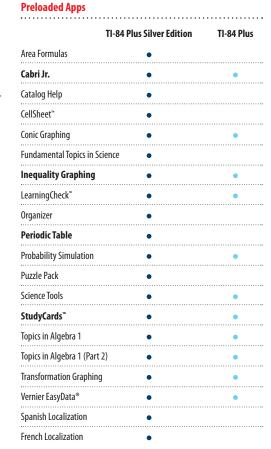


Periodic Table Graphical representation of, and helpful info about, the elements.



StudyCards

Electronic flash cards can be created with software or downloaded for review and practice.



For more information, visit education.ti.com/84.

TI-73 Explorer™ Pre-Algebra Middle Grades Math Middle Grades Science



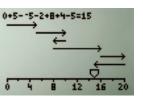
Helping Middle Grades Students Succeed at a Critical Point in Learning The middle grades can be a turning point for many students. The TI-73 Explorer graphing calculator engages them in understanding math and science at this important moment in their education. With it, they can explore concepts and discover connections that are vital to their success in more advanced courses. Assessment, presentation and even data collection tools connect easily with the TI-73 Explorer to help create a classroom rich in student engagement and understanding. For more information on the TI-73 Explorer, visit education.ti.com/73. --x 7 8 I-SmartView[™] emulator software helps present work to the entire class.

Preloaded Apps

SLOPE FORMULA SLOPE = m = \frac{\fir}{\frac{\fir}{\fir}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}\f{\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fra

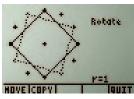
Area Formulas Makes learning formula development

fun by using animation.



Number Line

Lets students explore operations on real numbers using a graphical expression.



Geoboard™Lets students experience the power

of geometry concepts.

Free Downloadable Apps

- » Building Perspectives
- » DataMate™
- » Explorer Draw™
- » Guess my Coefficients
- » Logic Ladder
- » Math by Hand
- » Matrices
- » Number Curiosities
- » Probability Simulation
- » Puzzle Tanks™
- Rational Number Rampage
- » SMILE Mathematics
- » Safari Search™
- » SimCalc MathWorlds™
- » StudyCards™
- » Topics in Algebra 1 (Chapters 1-5)

TI-73 Explorer

Tl's graphing calculator for middle grades math and science is designed to help students learn important concepts at a critical point in their education.

- » Investigate number patterns using the constant key.
- » Perform operations such as simplifications on stacked fractions.
- » Plot data in pie charts, pictographs, bar charts, scatter plots, histograms and more.
- » Extend performance with many preloaded and downloadable add-on Apps.



TI-Navigator™ System

Receive instant student feedback, perform immediate assessment and adjust instruction at any point in class. Students are more motivated in class and become more active learners.



>>> TI-SmartView™ Emulator Software

Enhance visual learning and student understanding by projecting a large, interactive representation of the calculator keypad and screen to the entire class, using a LCD projector.

Request a free 30-Day Trial from education.ti.com/73smartview.



>>> ViewScreen[™] Panel

Lead classroom instruction of concepts and save time teaching handheld basics. Enlarge and project an image of the TI-73 Explorer screen to the entire class using any standard overhead projector.



>>> Data Collection

Link the TI-73 Explorer to TI's CBR 2" motion detector or CBL 2" data collection interface using more than 40 Vernier Software & Technology" sensors and the DataMate App to gather and analyze real-world data.



TI Connectivity Kit

Expand your capabilities by connecting the TI-73 Explorer with a computer or math software such as TI-InterActive!" with this kit, which includes TI Connect Computer Software and the TI Connectivity Cable USB.

Curricular Resources Designed for the Middle Grades

TIMiddleGrades.com offers a wide selection of free classroom-ready activities and curriculum support for middle grades math and science educators and students.

Textbooks and Supplements from leading publishers incorporate TI-73 Explorer graphing calculator content for math and science.



TIMiddleGrades.com



Leading Textbooks and Supplements

10 education.ti.com 11

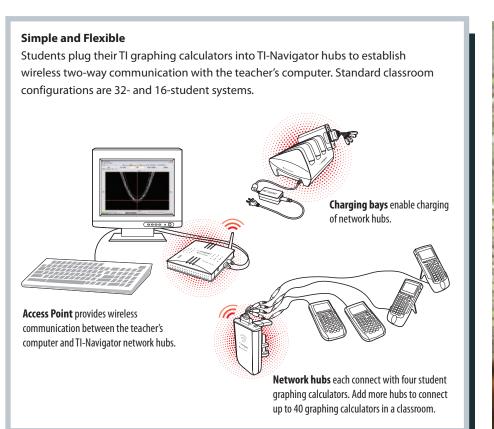


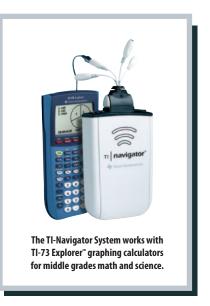
TI-Navigator System

Research† shows that effective use of the TI-Navigator system and compatible TI graphing calculators can increase student interest, engagement and achievement in mathematics and science. Each student's graphing calculator is networked to the teacher's computer to facilitate:

- » Greater student engagement in the classroom.
- » Instant feedback, assessment of each student's understanding and flexibility to adjust instruction.
- » Maximum use of classroom learning time.

†Learn more at education.ti.com/research







Educator Resources and Support

TI makes it easy to integrate the TI-Navigator system in your classroom.

- » *TI-Navnews* newsletter » Hands-on training
- » Grant-writing and funding resources
- » Classroom activities » Online tutorials
- » TI User Groups

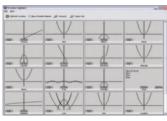






TI User Groups





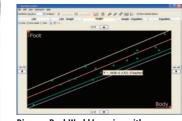
Calculator Screen

View the graphing calculator screen of every student with a single keystroke, instantly seeing which students are on track with the lesson and



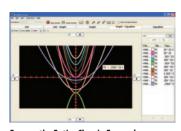
Quickly Gauge Student Understanding

Student responses to multiple choice and openended question types are tabulated and presented on the teacher's computer or projected for the entire class to view. Answers can be kept anonymous.



Discover Real-World Learning with

A variety of TI data collection devices interface with the TI-Navigator system. Every student's collected data can instantly be displayed and discussed.



Engage the Entire Class in Fun and **Exciting Ways**

work, to create a unique view of the whole class's work, allowing the teacher to assess student responses and adjust instruction when needed.

The TI-Navigator System Helps Educators Engage **Every Student and Make the Most of Class Time.**

performance, check problem-solving techniques and guide student work, at any point during class. Plus automatically save, collect, grade and record students' calculator work, and make fast transfers of classroom materials.

For more information, visit education.ti.com/nav.





NEW! TI-Nspire™ CAS Handheld with Touchpad

TI-Nspire CAS (Computer Algebra System) technology provides educators and students the ability to perform both symbolic and standard numeric calculations.

- » Shares most of the same enhanced graphing and computer functionality of the TI-Nspire, plus a built-in Computer Algebra System (CAS).
- » Solve equations while avoiding arithmetic errors.
- » Factor, expand expressions and solve for common denominators.
- » Compatible with the TI-Nspire Navigator System.

Permitted on SAT*, AP*, PSAT/NMSQT*, and Praxis™ exams and many state tests.

The TI-84 Plus Keypad is not compatible with the TI-Nspire CAS handheld.



TI-Nspire CAS Teacher Software

TI-Nspire CAS Teacher Software (PC or Mac®) and its built-in TI-SmartView™ emulator give educators the tools to create their own activities and tests and use them to show students the many naths to success.

Software licensing options available.



TI-89 Titanium and Voyage™ 200

TI-89 Titanium

An advanced operating system, robust memory, 3-D graphing and CAS technology combine with graphing features to help students understand advanced math, science and engineering concepts. Permitted on SAT*, AP*, PSAT/NMSOT* and Praxis™ exams and many state tests. Visit education.ti.com/89.

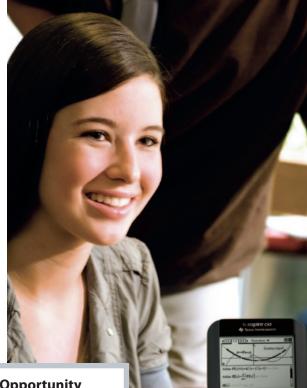
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Snaps on the TI-84 Plus Silver Edition

to highlight only those keys and

functions needed for effective data

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Educators will find classroom-ready activities and other tools to help students collect their own real-world data and interact with collected data, to reach a deeper understanding of math and science concepts.

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TI Activities Exchange

Giving Educators the Opportunity to Bring CAS into the Classroom.

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Vernier EasyData®

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slide case and back frame in teacher kits.



TI-30XS MultiView

- » Explore "x-y" tables within a given function with the Table feature.
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TI-Smartview™

TI-SmartView[™] emulator software for the TI-30XS MultiView and TI-34 MultiView scientific calculators allows the educator to project an interactive representation of the calculator and comes with unique instructional capabilities.



TI-30X IIS

Students can broaden their exploration of math and science concepts.

- Review and edit current or previous entries, and look for patterns with scroll feature
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TI-34II Explorer Plus™

Designed specifically for middle grades math.

- Perform operations with fractions and mixed numbers.
- Express results as quotients and remainders.





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Ideal calculator for students in grades 3-5. Displays the same number represented in different formats. including stacked fractions.

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>>> TI-10

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T³ Regional Conferences

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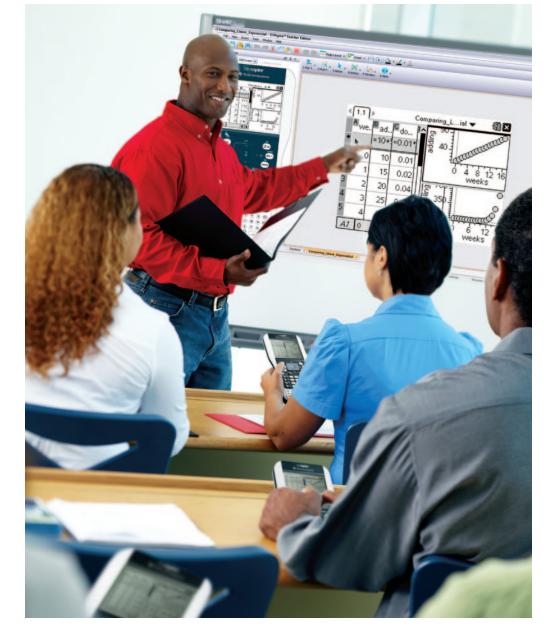
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Research[†] and Curricular Content **TI MathForward™**

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Math Nspired Lesson Resource Center

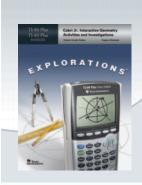
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TI Math Forward >>>

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See the TI MathForward program in action. Learn how it can increase student success and help your school or district meet its goals.

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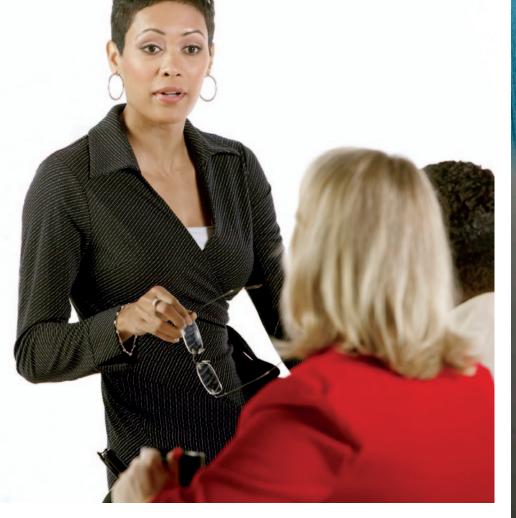
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Contact your local ETC if you have any questions about setting up school or district plans for TI products and services, including professional development.

United States

State	Consultant	E-mail	Phone
Alabama	Ned Colley	ncolley@ti.com	770.406.8822
Alaska	Darryl Marchand	dmarchand@ti.com	877.851.5506
Arizona	Tom Hibbs	thibbs@ti.com	303.910.0750
Arkansas	Wendy Peel	wpeel@ti.com	225.726.7902
California (Northern)	Jane Stahler	jstahler@ti.com	916.435.5252
California (Southern)	Gene Arendt	garendt@ti.com	760.434.2528
California (Southern)	Rick Tunstall	rtunstall@ti.com	760.213.2014
Colorado	Tom Hibbs	thibbs@ti.com	303.910.0750
Connecticut	Jim Donatelli	jdonatelli@ti.com	508.529.6787
Delaware	Stan Semones	s-semones@ti.com	973.691.6490
District of Columbia	Ellen Hook	ehook@ti.com	757.671.9360
Florida (Northern)	Dave Barron	d-barron2@ti.com	386.740.8763
Florida (Southern)	Melissa Akey	makey@ti.com	407.792.1518
Georgia	Ned Colley	ncolley@ti.com	770.406.8822
Hawaii	Rick Tunstall	rtunstall@ti.com	760.213.2014
ldaho	Rick Tunstall	rtunstall@ti.com	760.213.2014
Illinois	Ron Thomas	rthomas@ti.com	815.325.8885
Indiana	Randy Miller	rmiller@ti.com	937.558.1158
lowa	Tom Allen	tallen@ti.com	651.423.6002
Kansas	Tom Allen	tallen@ti.com	651.423.6002
Kentucky	Nicole Thuestad	nthuestad@ti.com	972.917.1355
Louisiana	Wendy Peel	wpeel@ti.com	225.726.7902
Maine	Jim Donatelli	jdonatelli@ti.com	508.529.6787
Maryland	Ellen Hook	ehook@ti.com	757.671.9360
Massachusetts	Jim Donatelli	jdonatelli@ti.com	508.529.6787
Michigan	Kris Mohler	kmohler@ti.com	248.684.4606
Minnesota	Tom Allen	tallen@ti.com	651.423.6002
Mississippi	Wendy Peel	wpeel@ti.com	225.726.7902
Missouri	Wendy Peel	wpeel@ti.com	225.726.7902
Montana	Darryl Marchand	dmarchand@ti.com	877.851.5506
Nebraska	Tom Allen	tallen@ti.com	651.423.6002
Nevada (Northern)	Jane Stahler	jstahler@ti.com	916.435.5252
Nevada	Gene Arendt	garendt@ti.com	760.434.2528
New Hampshire	Jim Donatelli	jdonatelli@ti.com	508.529.6787
New Jersey	Stan Semones	s-semones@ti.com	973.691.6490
New Mexico	Tom Hibbs	thibbs@ti.com	303.910.0750
New York	Dana Morse	dmorse@ti.com	315.730.9858
NYC/Long Island	Fran Bellows Levy	fbellows@ti.com	516.432.1996

State	Consultant	E-mail	Phone
North Carolina	Terri Viana	tviana@ti.com	972.917.0722
North Dakota	Tom Allen	tallen@ti.com	651.423.6002
Ohio	Randy Miller	rmiller@ti.com	937.558.1158
Oklahoma	Robb Wilson	rwilson@ti.com	214.263.0490
Oregon	Darryl Marchand	dmarchand@ti.com	877.851.5506
Pennsylvania	Doyt Jones	djones@ti.com	215.732.4814
Puerto Rico	Olga Vargas-Lester	ovargas@ti.com	214.567.2164
Rhode Island	Jim Donatelli	jdonatelli@ti.com	508.529.6787
South Carolina	Terri Viana	tviana@ti.com	972.917.0722
South Dakota	Tom Allen	tallen@ti.com	651.423.6002
Tennessee	Nicole Thuestad	nthuestad@ti.com	972.917.1355
Texas (Northern)	Robb Wilson	rwilson@ti.com	214.263.0490
Texas (Austin & Houston)	Syndy Lynch	slynch@ti.com	214.769.0009
Texas (Valley)	Patrick Fariss	pfariss@ti.com	972.917.2653
Utah	Tom Hibbs	thibbs@ti.com	303.910.0750
Vermont	Jim Donatelli	jdonatelli@ti.com	508.529.6787
Virginia	Ellen Hook	ehook@ti.com	757.671.9360
Washington	Darryl Marchand	dmarchand@ti.com	877.851.5506
West Virginia	Nicole Thuestad	nthuestad@ti.com	972.917.1355
Wisconsin	Ron Thomas	rthomas@ti.com	815.325.8885
Wyoming	Darryl Marchand	dmarchand@ti.com	877.851.5506

Canada

Province	Consultant	E-mail	Phone
Alberta	Darryl Marchand	dmarchand@ti.com	403.851.5506
British Columbia	Darryl Marchand	dmarchand@ti.com	403.851.5506
Manitoba	Darryl Marchand	dmarchand@ti.com	403.851.5506
New Brunswick	Len Catleugh	lcatleugh@ti.com	905.847.0889
Newfoundland	Len Catleugh	lcatleugh@ti.com	905.847.0889
Northwest Territories	Darryl Marchand	dmarchand@ti.com	403.851.5506
Nova Scotia	Len Catleugh	lcatleugh@ti.com	905.847.0889
Ontario	Len Catleugh	lcatleugh@ti.com	905.847.0889
Prince Edward Island	Len Catleugh	lcatleugh@ti.com	905.847.0889
Quebec	Len Catleugh	lcatleugh@ti.com	905.847.0889
Saskatchewan	Darryl Marchand	dmarchand@ti.com	403.851.5506
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