

CAMT 2021 Virtual Conference



Giveaways

Texas Instruments (TI) is excited to connect with you at CAMT 2021 Virtual Conference to bring you a full lineup of engaging live and on-demand sessions, with multiple ways to receive TI prizes.

Attend a TI live session

When you participate in a live session, you'll have a chance to receive a **FREE TI graphing calculator and software license** featured in that session. One participant will be chosen from each session — so don't miss out!

Live sessions:

“TI Investigates the STEM Behind Football and Baseball”

Tuesday, July 20 | 10 a.m. Central time

“Transformation of Functions From Algebra Through Precalculus”

Wednesday, July 21 | 1 p.m. Central time

Sign up for TI Virtual Learning Communities

Starting August 2021, join your fellow educators for extended professional learning opportunities and explore ways to enhance teaching practices with TI technology. New sessions are available every month through May 2022.

Receive complimentary TI software just for signing up. When you attend a total of five sessions, you'll receive the TI Swag Box featuring a free math T-shirt and other goodies.

Get started by visiting education.ti.com/learningcommunities.

Receive TI technology, software and math swag



Virtual in-booth office hours with Texas Instruments (TI)

All sessions are in Central time (CT).

Virtual in-booth office hour sessions are found at the bottom of the TI virtual booth page on the CAMT virtual platform under Schedule.

Stop by every morning from 8 to 10 a.m. during the three-day conference to ask your TI rep questions related to TX EOC exams, content, resources, technology, etc. Anything you need, we're here to answer your questions.

Virtual TI out-of-booth sessions (live and on demand)

Virtual TI out-of-booth sessions (live and on demand) are listed under Agenda, found in the left navigation tab of the virtual platform.

Live sessions are in Central time (CT).

Date and Time (Live)	Session Title	Description	Presenter
Tuesday, July 20 10 a.m.	TI Investigates the STEM Behind Football and Baseball	Students model the flight of a kicked field goal with a TI graphing calculator and interact with the math to investigate graphically, and solve algebraically, questions such as: Is it good; maximum height of the ball; or how far does the ball travel? Similar modeling with a hit baseball: Is it a home run; maximum height; or how far? Obtain all materials (student worksheets with teacher notes and solutions) plus sixty individual problems and solutions for each. For grades eight through 12: Play, investigate, explore, discover — STEM!	Tom Reardon

Date and Time (Live)	Session Title	Description	Presenter
Wednesday, July 21 1 p.m.	Transformation of Functions From Algebra Through Precalculus	Use one method to graph the transformations of the parent functions from linear to trigonometric. We will explore the vertical and horizontal transformations of a generic function on TI-Nspire™ CX family graphing calculators. Then we will apply our understanding of transformations and use tables to graph the transformed functions.	Jennie Kelly

	Session Title	Description	Presenter
On demand	Online Remote Teaching Ideas to Fully Utilize the Powerful Capabilities of TI-84 Plus Family Graphing Calculators and the TI-SmartView™ Emulator Software	Learn several creative ways to utilize the TI-84 Plus and TI-84 Plus CE (color) graphing calculators much more efficiently, and discover tips to help your students learn better and develop conceptual understanding better. In this session, you'll use a TI-84 Plus family graphing calculator as an evaluator of complex expressions easily, trace on a graph and table simultaneously, use color photos to teach transformation graphing, quadratic formula and much more. Fully incorporate the TI-SmartView™ emulator software for the TI-84 Plus graphing family — especially for remote learning. A seventeen-page PDF will be provided.	Tom Reardon

On demand	Families of Functions and Six Transformations: A Free Modular Course With Videos	The presenter will show you how to graph 13 parent functions, with vertical shifts, horizontal shifts, reflections, dilations and combinations of transformations. In this modular course, you'll only use the videos that students need, from pre-algebra through calculus. Complete the online course, whether as a way to augment in-class teaching, for a flipped classroom, independent study, or as review. This course works with or without graphing calculators.	Tom Reardon
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Virtual TI out-of-booth sessions (live and on demand) (continued)

Live sessions are in Central time (CT).

	Session Title	Description	Presenter
On demand	Leverage Classroom Instruction and TI Technology to Maximize Achievement on the SAT®	Focus on conceptual understanding of “big ideas”: linear equations, quadratics, multiple representations, thinking graphically, words to symbols, using structure, solve systems using creative technology integration. Obtain activities and strategies that augment what you do for test prep and test taking. Address how differently SAT® asks questions.	Tom Reardon
On demand	Getting Started With Python on the TI-Nspire™ CX II Graphing Calculator	Explore the basics of Python with TI’s 10 Minutes of Code for Python. Through the menu-driven TI-Nspire™ CX II graphing calculator, everyone can learn to code in Python. These short, easy-to-master lessons include everything beginners need to get started and succeed.	Jennie Kelly
On demand	Opioid Overdoses and COVID-19: Modeling Important Social Issues on TI Calculators	Have your students mathematically model this shocking real data in the U.S. Make your students aware of these social problems and their consequences. Have them use the math they are learning in your classroom to analyze and interpret this real-world data. We will use graphing calculators that have the data preloaded and analyze how to create functions to model the data for interpolation and extrapolation purposes. We will also discuss how to calculate and interpret percent change. Obtain all materials: data, student worksheets, teacher notes and solutions, blog.	Tom Reardon
On demand	Motivate Students Through Code	Students today can be hard to motivate. Come see how coding with TI technology combines conceptual understanding with motivation. This session will show you the free lessons available for students. These lessons are already online and can be utilized at home or in person. No experience required.	Michelle Bonds

Virtual Learning Communities sessions

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Aug. 11, 2021 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Successfully Integrating TI-84 Plus Family Technology From the Start in a Middle School Classroom	Whether you are new to the middle school math classroom, or new to TI-84 Plus family technology, we will help you get off to a great start. Learn how this powerful technology can help your students visualize concepts clearly and make faster, stronger connections between equations, data and graphs, with a focus on ratios and equations. Leave with tutorials, resources and videos to help you and your students.	Margaret Bambrick, Ruth Casey	TI-84 Plus family technology
Successfully Integrating TI-Nspire™ Technology From the Start in a Math Classroom	Whether you are new to the middle school math classroom, or new to TI-Nspire™ technology, we will help you get off to a great start. Learn how this powerful technology enables a deeper understanding of abstract concepts in math, with a focus on ratios and equations. Leave with tutorials, resources and videos to help you and your students.	Katie England, Robin Gapinski	TI-Nspire™ CX technology
Exploring Functions From Algebra Through Precalculus Using the TI-84 Plus CE Graphing Calculator	Provide your students the opportunity to explore and discover the effects changing parameters has on a parent graph, from linear through trigonometric functions. We will utilize the graphing feature and the transformational graphing app on the TI-84 Plus CE to help your students build a conceptual understanding of transformations. Instructional content for all modes of teaching and learning will be provided.	Beth Smith	Exam Strategies
Using Pictures to Expand Students' Awareness of the World	By incorporating digital images into the classroom, teachers can make visual connections between the world around them and mathematical concepts. Learn how to insert an image into a TI-Nspire™ CX II graphing calculator, and make it possible for students to graph functions on top of the image. Also learn the new ability of the TI-Nspire™ CX II graphing calculator to animate a graph in real-time, called a path plot.	Veronica Carlson, Kim Thomas	STEM

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Sept. 8, 2021 • 5:30 – 6:30 p.m.

Title	Description	Presenter	Strand
Successfully Integrating TI-84 Plus Family Technology From the Start in a High School Classroom	Whether you are new to the high school math classroom, or new to TI-84 Plus family technology, we will help you get off to a great start. Learn how this powerful technology can help your students visualize concepts clearly and make faster, stronger connections between equations, data and graphs. Leave with tutorials, resources and videos to help you and your students.	Margaret Bambrick	TI-84 Plus family technology
Differentiation Through Blended Learning Whether Virtual or In Person	In this session, you will learn about the “Restaurant Classroom Model,” a standards-based approach to differentiation through blended learning. We will discuss how to leverage TI technology as students choose the path, place and pace of their learning.	Ariel Taylor	TI-Nspire™ CX technology
Creative Activities, Strategies and Ideas to Better Prepare Your Students for the Revised ACT® That Provide Deeper Conceptual Understanding	Prepare your students by integrating ACT® problems and activities throughout your daily lessons. Get interactive activities, proven test-taking strategies, cool technology tips for conceptual understanding, and many sample ACT® problems. Goal: Students learn and retain the math better, not just score better on the ACT®. Encourage conceptual understanding and thinking graphically.	Tom Reardon	Exam Strategies
Modeling Across the Curriculum	We'll investigate potentially messy, real-world questions and the use of technology to connect meaningful mathematics to problems arising in the world around us — from rating quarterbacks, to predicting salary gaps, to modeling how a virus spreads. Explore the power of technology for creating and analyzing useful mathematical models.	Curtis Brown	STEM

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Oct. 13, 2021 • 5:30 – 6:30 p.m.

Title	Description	Presenter	Strand
The TI Website: The Math Teachers Go-To for Planning and Resources	Simplify lesson planning with free standards-aligned activities that cover the full spectrum of math and science topics from middle grades through high school. Need a quick how-to guide, video tutorial or investigation activity? We got you covered!	Judy Hicks	TI-84 Plus family technology
Teaching With TI-Nspire™ CX Premium Teacher Software	Ditch that document camera and seamlessly integrate the TI-Nspire™ CX Premium Teacher Software into your math instruction. Present concepts, encourage discussion and assess understanding with software that turns a teacher's PC or Mac® into a virtual TI-Nspire™ CX II graphing calculator. This hands-on session will show you how to make your lessons come alive with this dynamic software.	Kim Thomas	TI-Nspire™ CX technology
Teaching High School Statistics With the TI-84 Plus CE Graphing Calculator	During this hands-on session, attendees will use the TI-84 Plus CE to explore several activities for teaching statistics in the high school classroom. The session will focus on a variety of topics from graphical displays to sampling distributions and inference. We will explore a variety of features that enhance student understanding of relevant high school statistics topics. If you have any version of a TI-84 Plus family graphing calculator you can still use these materials.	Ray Barton	Exam Strategies
TI Codes: Creating a Pathway Toward STEM Careers	Use the graphing calculators from TI for so much more than calculations. We will explore the coding side to give students skills for the 21st century. Create music, mood rings and more.	Dana Morse	STEM

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Nov. 10, 2021 • 5:30 – 6:30 p.m.

Title	Description	Presenter	Strand
Taking Your TI-84 Plus Family Technology Skills to the Next Level	Whether you are a TI-84 Plus graphing calculator veteran, or are picking up the TI-84 Plus CE graphing calculator for the first time, there are many valuable, often overlooked features that can enhance instruction and increase student understanding.	Stuart Moskowitz	TI-84 Plus family technology
Getting Started With the TI-Nspire™ Navigator™ System	Learn how to use your TI-Nspire™ Navigator™ System to connect with all of your students, perform real-time assessment, share files and monitor student understanding of concepts and more. Get tutorials and resources from taking it out of the box to integrating it for daily formative assessment to enhance your instruction.	Rosa De Leon	TI-Nspire™ CX technology
Texas Eighth Grade Math EOC Exam Strategies With the TI-84 Plus CE Graphing Calculator	This session will help eighth grade mathematics educators in Texas who are either beginning to use the TI-84 Plus CE graphing calculator or who want to learn more to drive student success on the Texas eighth grade mathematics EOC exam. You will analyze and solve a wide range of sample problems using graphs, tables and calculator tools. Come explore premade activities that reinforce technology skills and deepen student understanding of key EOC exam topics.	Jane Damaske	Exam Strategies
Let Math Come Alive By Collecting and Analyzing Data Using the TI-84 Plus CE Graphing Calculator	We can all agree that understanding data has become important in many areas of life. Students are much more engaged when they collect their own data, and this is easy with the TI-84 Plus CE. We will use the list feature to enter our own data and also collect data using a temperature probe. We'll analyze this data to determine a line of best fit, discuss correlation and predict behavior. We'll also learn how a CBR™ 2 motion sensor can be used to help students build a conceptual understanding of distance and time. Face-to-face and virtual data-collection options will be discussed, and instructional content for all modes of teaching and learning will be provided.	Beth Smith	STEM

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Dec. 8, 2021 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Making the Most of the TI-84 Plus CE App for Chrome OS™	Teachers can help their learners continue their explorations at home using the technology of the TI-84 Plus CE graphing calculator and the Chromebook™ notebook computer. We will explore asynchronous lesson ideas that make use of the TI-84 Plus CE App for Chrome OS™. Whether your students have the TI-84 Plus CE at home or just the Chromebook™ notebook computer, this session will highlight how teachers can use TI technology to enhance student learning.	Dennis Wilson	TI-84 Plus family technology
I Didn't Know My TI-Nspire™ CX Graphing Calculator Could Do That!	Started using TI-Nspire™ CX graphing calculator, but know you could be doing so much more? During this hands-on session, attendees will use the TI-Nspire™ CX graphing calculator to explore a variety of ninth through 12th grade concepts to support instruction of the TEKS. The session will also focus on many features of the calculator, including multiple and linked representations of data to dive deeper into mathematical thinking. The TI-Nspire™ CX Navigator™ System will also be used for instruction. The TI-Nspire™ CX handheld is acceptable for use on the STAAR® Algebra I EOC, STAAR® Math Grade 8, SAT®, ACT®, IB® and AP® exams.	Abby and Patrick Sanchez	TI-Nspire™ CX technology
Texas Eighth Grade Math EOC Exam Strategies With TI-Nspire™ Technology	This session will help eighth grade mathematics educators in Texas who are either beginning to use TI-Nspire™ technology or who want to learn more to drive student success on the Texas eighth grade mathematics EOC exam. You will analyze and solve a wide range of sample problems using graphs, tables and calculator tools. Come explore premade activities that reinforce technology skills and deepen student understanding of key EOC exam topics.	Jennifer High, Valerie Roebuck	Exam Strategies
Getting Started With Data Collection in a Math Classroom With TI-Nspire™ Technology	Whether you are new to the high school math classroom or new to TI-Nspire™ technology, we will help you get off to a great start. Learn how this powerful technology enables a deeper understanding and real-world, engaging experiences through data collection.	Jeff Lukens	STEM

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Jan. 12, 2022 • 5:30 – 6:30 p.m.

Title	Description	Presenter	Strand
Introduction to TI Technology for Pre-Service Teachers	This session introduces pre-service and beginning teachers to TI technology and resources that can be used to enhance classroom instruction and deepen student understanding. Participants will engage in a hands-on exploration of ready-to-use tools and applications. We will explore basics and discuss similarities and differences of TI-84 Plus and TI-Nspire™ families of graphing calculators and resources. This session will provide participants with foundational tools that build confidence in teaching with TI technology.	Ariel Taylor	TI-84 Plus family technology
Encourage Deeper Math Conversations Through Visualization	Far too often, students get overly focused on procedures and answers. How might we open their eyes to see the beauty inherent in the math they engage with daily? In this session, we will explore how harnessing the power of visualizing seemingly standard math problems taps into students' curiosity and motivation to learn mathematics.	Curtis Brown	TI-Nspire™ CX technology
Texas Algebra I EOC Exam Strategies With the TI-84 Plus CE Graphing Calculator	This session is designed for algebra I educators in Texas who are either beginning to use the TI-84 Plus CE or who want to learn more to drive student success on the Texas Algebra I EOC exam. Participants will cover the key elements of teaching with the TI-84 Plus CE and TI-SmartView™ CE emulator software for the TI-84 Plus graphing family, and the workshop will focus on helping students use the TI-84 Plus CE to better understand key topics on the Texas Algebra I EOC exam.	Valerie Hudson	Exam Strategies
Motion Match in the Virtual World	Even in a virtual teaching situation, it is possible to analyze real-world motion data. We will analyze distance-time and velocity-time graphs created using data collected using the CBR™ 2 motion sensor and displayed using TI software. Collaboration strategies with the Google Jamboard™ electronic whiteboard will be used.	Kim Thomas	STEM

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Feb. 9, 2022 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Teaching Algebra II With the TI-84 Plus CE Graphing Calculator	Learn how the TI-84 Plus CE can be used for more than computation and graphing. From systems of equations to families of functions (quadratic, trigonometric, polynomial, rational, etc.), we will go beyond the basics as we use images, graph databases, apps and programs to support student understanding and concept development.	Corey Bobby	TI-84 Plus family technology
Nspired Geometry for Beginners	Learn how the dynamic geometry app on your TI-Nspire™ CX graphing calculator can help your students gain deeper conceptual understanding of geometry.	Robyn Poulsen	TI-Nspire™ CX technology
Texas Algebra I EOC Exam Strategies With TI-Nspire™ Technology	This session is designed for algebra I educators in Texas who are either beginning to use TI-Nspire™ technology or who want to learn more to drive student success on the Texas Algebra I EOC exam. Participants will cover the key elements of teaching with the TI-Nspire™ CX graphing calculator and TI-Nspire™ CX Premium Teacher Software, and the workshop will focus on helping students use the TI-Nspire™ CX handheld to better understand key topics on the Texas eighth grade mathematics EOC exam.	Jennifer High, Valerie Roebuck	Exam Strategies
Integrating Coding in Python in Your Math Classroom on the TI-Nspire™ CX II Graphing Calculator	Explore the basics of coding in Python; learn everything beginners need to get started coding in their math classroom. This session will give you the basics to get started coding on TI-Nspire™ CX II graphing calculator.	Brad Posnanski, Stacy Thibodeaux	STEM

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March 9, 2022 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Using the TI-84 Plus Family Graphing Calculator and TI-SmartView™ Emulator to Make Your Math Lessons Come Alive	TI-SmartView™ emulator software for the TI-84 Plus graphing family emulates the TI-84 Plus family of graphing calculators on a PC or Mac®, making it an ideal demonstration tool for leading classroom instruction of math concepts. This session will show you how to enhance your instruction with screenshots, multiple representations and more.	Margaret Bambrick	TI-84 Plus family technology
Playing With Quadratics in Standard Form and Other Curiosities	How can we engage our students in the beauty and wonder of mathematics? Often we explore math in unusual places. But what about the puzzles that lie within mathematics itself? Come dive into interesting relationships within the world of quadratics.	Curtis Brown	TI-Nspire™ CX technology
Help Students Score on the AP® Calculus Exam With TI Technology	This session will cover question topics and technology tips for using either TI-84 Plus CE or TI-Nspire™ technology to illustrate AP® Calculus concepts in the classroom. You'll receive a wealth of resources to help prepare students for the AP® Calculus AB and BC test.	Vicky Carter, Tony Record	Exam Strategies
STEM in Motion	Get hands on with STEM in your classroom. We will explore TI-Innovator™ Rover activities that will engage all learners. Give students the skills to think critically, and use coding to make STEM happen.	Dana Morse	STEM

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April 13, 2022 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Friendly Factoring	Factoring polynomials is tough for many students, often because they're taught different methods for different instances. Come learn one method that will always work, with a little help from technology.	Robyn Poulsen	TI-84 Plus family technology
Differentiated Instruction With TI-Nspire™ CX Technology	Whether students are learning virtually or in person, differentiating instruction is vitally necessary. Join this session and learn how TI-Nspire™ CX technology can assist you in tailoring activities to help fit the needs of your students.	Valerie Hudson	TI-Nspire™ CX technology
Help Students Score on the AP® Stats Exam With TI Technology	This session will cover question topics and technology tips for using either TI-84 Plus or TI-Nspire™ technology to illustrate AP® Statistics concepts in the classroom. You'll receive a wealth of resources to help prepare students for the AP® Stats test.	Becky Byer, Tracy Watson	Exam Strategies
Integrating Coding in Python in Your Math Classroom on the TI-84 Plus CE Graphing Calculator	Explore the basics of coding in Python; learn everything beginners need to get started coding in their math classroom. This session will give you the basics to get started coding on the TI-84 Plus CE.	Beth Smith	STEM

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May 11, 2022 • 5:30 – 6:30 p.m.

Title	Description	Presenter(s)	Strand
Building Math Confidence With TI Technology	Take a deep dive into TI graphing calculators to unlock the full power and give your students the tools to succeed. Learn how you use the technology to assist students build confidence in skills they will use all throughout their math careers.	Dana Morse	TI-84 Plus family technology
Taking Your TI-Nspire™ CX Navigator™ System to the Next Level	The TI-Nspire™ CX Navigator™ System can create a powerful learning environment in a math classroom that encourages collaboration, discussion and increases engagement. This hands-on session will demonstrate some advanced features of the TI-Nspire™ CX Navigator™ System and show some effective uses of the TI-Nspire™ handheld technology to support instruction of the TEKS and STAAR® preparation.	Roxie Runnels	TI-Nspire™ CX technology
Navigating New STAAR® Question Types for Algebra I EOC	Help your students prepare year round for the new STAAR® question types that will be on the 2022 Algebra I EOC. The TI-Nspire™ Navigator™ System can help you integrate a variety of these assessment items on a regular basis, inform your instructional decisions and, most importantly, inform your students' thinking. Attend this session, and receive question documents, tutorial videos and examples ready to integrate right away.	Pareesa Schulte	Exam Strategies
Bringing STEM Projects Into Your Math Classroom	Develop skills for 21st-century success with project-based learning activities that help students explore, understand and connect the principles of science, math, coding, engineering design and electronics.	Jessica Kohout, Stacy Thibodeaux	STEM

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Educational Technology Consultants

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Grant Partner Specialist

Contact the Grant Partnership Consultants for grant and funding needs.

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