T³ Regional Conference

Jantzen Beach Red Lion on the River

Thursday

Class #2 Cost: $15.00 **8:30 – 11:30 AM**	Pettygrove	**(6 – 12)** Thomas Dick, Lewis Lum and Winnie Miller *View Problems through New Lenses with TI Nspire* *Use the TI Nspire and inquiry-based teaching to help students learn concepts more deeply. Participate in activities that emphasize problem solving and multiple representations (algebraic, graphical, geometric, numeric and written). Dynamic tools on this handheld can show the impact of changes in real time and has great potential to engage and excite students by the kinds of questions that you and your students can pose.*
Class #3 Cost: $15.00 **8:30 – 11:30 AM**	Overton	**(4 – 9)** Steve Isaak *Introduction to TI 73: Participants will be introduced to using the TI 73 in class and will walk away with ready to use activities and some teacher notes that may be used individually or as notes for students. The workshop will also include time to go through the various applications that may be used as teaching tools in class. This is a great way to get your students started with TI calculators.*
Workshop **12:30 – 2:00 PM**	Pettygrove	**(8 – 12)**Bill Kring *Participants will use Cabri Jr. to dynamically explore inclusive definitions, measure figures, animate drawings, and investigate locus situations. They will see how their students can develop a sense of adventure with Geometry through conjecturing.*
Workshop **2:30 – 4:00 PM**	Pettygrove	**(6 – 12)** Christine Cheng, Paul Riopel *Grasp the Math with TI-Nspire: The TI-Nspire from Texas Instruments is available with or without a Computer Algebra System (CAS) and has a changeable keypad that enables compatibility with the TI-84 Plus and TI-83 Plus. The TI-Nspire greatly enhances the use of multiple representations for concept development and problem solving.*
Session **12:30 – 1:30 PM**	Multnomah	**(9 – 12)** Hulbert *Getting Started With Cabri Jr. on the TI-84 Calculator (T3 Session): This session is for Geometry teachers who would like to start learning how to use the Cabri Jr. Application on the TI-84 calculator.*
TI Reception **Math Rocks!** **5:00 – 6:45PM**	Multnomah	**Math Rocks with Texas Instruments (General)** ***Complimentary Hors d'oeuvres, snacks and non-alcoholic beverages*** Sit down at the table with other educators who are using TI and learn what's new. Experience TI technology: TI-73, TI-Navigator, TI-84+, TI-Nspire and more! ***Win PRIZES and have FUN with Interactive Activities*** The more tables you visit, the better your chances to win!

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Friday

Workshop **8:30 – 10:00 AM**	Pettygrove	**(9 – 16)** Schjelderup *Infinite Power with the CAS based calculators, TI-89 and Nspire CAS. If you've been using a CAS calculator and want to strengthen and increase your knowledge, understanding, and use of this powerful tool, then this workshop is for you! The workshop will model best practices of CAS in advanced mathematics courses. You will leave the workshop with ready to use materials for your precalculus and calculus classes that deepen and broaden student understanding of challenging topics.*
Session **9:30 – 10:30 AM**	Clark	**(6 – 12)** Koss *Dynamic Assessment Using TI-Navigator: TI-Navigator makes impromptu assessments quick and easy. We'll explore the Quick Poll, Screen Capture, and Learning Check features to see how to monitor student progress and use the results to adjust instruction and capture teachable moments.*
Workshop **10:30 – 12:00AM**	Pettygrove	***(9 – 12)*** Lobe *Fun and Engaging Activities using Technology: Grab student interest using technology to explore the mathematics they are learning. This workshop will present several fun and engaging activities to use with your students in your classroom. Adaptations for all levels of math will be discussed as well.*
Session **11:00 – 12:00AM**	Clark	**(6 – 12)** Wright *Matrices on the TI-84: Explore the TI-84's matrix functions. Calculate determinants, inverses, solve systems of equations with rref(), graph transformations, and more.*
Workshop **12:30 – 2:00 PM**	Pettygrove	**(6 – 10)** Frame *Easy Data Collection for Math Teachers: Attend this hands-on workshop to learn how easy data collection for math can be. You will use TI graphing calculators and Vernier sensors, such as temperature, pressure, and motion, to perform a variety of experiments appropriate for high school math.*
Workshop **2:30 – 4:00 PM**	Pettygrove	**(5 – 9)** Isaak *Get Going with TI 84: Participants will be introduced to using the TI 84 to create lists, graphs, tables and work on activities that are classroom ready. During this workshop participants will practice "little" activities that have been done in classrooms and come away feeling more comfortable using the 84. The workshop will also include time to go through the various applications that may be used as teaching tools in class*

Saturday

Workshop **8:30 – 10:00 AM**	Pettygrove	**(6 – 16)** Adsit *If you've been wondering how real data collection can be integrated using the new TI Nspire Handheld, then this is the presentation for you! The session will include demonstrations and ideas for the Nspire handheld using the CBR2 and the CBL2 probes. The goal is to use real data activities on the Nspire to model many of the key functions studied in Algebra 1 and 2*
Workshop **10:30 – 12:00AM**	Pettygrove	**(9 – 12)** Gadette *TI-Nspire: Applications in Algebra, Geometry, Trigonometry, Calculus, and Statistics: The TI-Nspire calculator and software allows students to make connections between numerical, graphical, and symbolic representations. Combining the visual power of interactive geometry software, graphing calculator functions and statistical software, the TI-Nspire is perfect for investigations and demonstrations. This workshop features a number of examples for teachers of algebra, geometry, trigonometry, calculus, and statistics.*