

'18 Summer Workshops

REGISTRATION ENDS MAY 31.

Notebook Foldables

Notebook Foldables Across the Curriculum. In this fun, fast-paced workshop, learn how to use Dinah Zike's Notebook Foldables—interactive, research-based, hands-on graphic organizers—to revolutionize the way you teach and the way your students study. Discover how to transform student notebooks into dimensional, individualized, and brain-smart tools that give students opportunities to immerse themselves in learning visually and kinesthetically as they organize information to achieve more personal, authentic communication and lasting meaning. Participants will make their own examples and learn strategies for implementing this powerful and effective learning tool.

- Session I:** June 13, 8:30-11:30 a.m.
https://foldables_utm_session1.eventbrite.com
- Session II:** June 13, 1-4 p.m.
https://foldables_utm_session2.eventbrite.com
- Session III:** June 14, 8:30-11:30 a.m.
https://foldables_utm_session3.eventbrite.com
- Session IV:** June 14, 1-4 p.m.
https://foldables_utm_session4.eventbrite.com

Four sessions (3 hours each) will be offered. Please choose the ONE session that works for you. Participant materials provided.

Elementary Education

Elementary Literacy and Numeracy (Grades K-2).

Join us for a deep dive into mathematics to motivate and engage your students. Participants will engage in real-world mathematics with a connection to literacy through hands-on learning and practical application. Materials will include classroom sets of manipulatives to help students make the connection to challenging concepts as well as texts that will strengthen their literacy skills through a lens of numerical thinking. Participants will receive \$100 stipends.

June 11, 9 a.m.-4 p.m.
https://literacyandnumeracy_k2.eventbrite.com

Elementary Operations and Algebraic Thinking (Grades 3-5).

Join us for a deep dive into mathematics to motivate and engage your students. Participants will engage in real-world mathematics with a connection to literacy through hands-on learning and practical application. Materials will include classroom sets of manipulatives to help students make the connection to challenging concepts as well as texts that will strengthen their literacy skills through a lens of numerical thinking. Participants will receive \$100 stipends.

June 13, 9 a.m.-4 p.m.
https://operationsandalgebraicthinking_g3_5.eventbrite.com

Elementary Fractions (Grades 4-5). Join us for a deep dive into mathematics to motivate and engage your students. Participants will engage in real-world mathematics with a connection to literacy through hands-on learning and practical application. Materials will include classroom sets of manipulatives to help students make the connection to challenging concepts as well as texts that will strengthen their literacy skills through a lens of numerical thinking. Participants will receive \$100 stipends.

June 12, 9 a.m.-4 p.m.
https://fractions_g4_5.eventbrite.com

Middle School Education

Middle School Ratio/Proportion/Real World Problems.

Real-world ratio and proportion problems with Wagner. This workshop is for teachers of students in grades six and seven. This workshop involves Nesquick®, Torricelli's Law, and Dr. Wagner. Who could ask for anything more? The one-day workshop highlights instructional strategies for standards 6.RP.A.3, 7.RP.A.3 and 7.NS.A.3. Participants will receive \$100 stipends.

June 8, 8:45 a.m.-4 p.m.
https://g6_7stem_utm_ratioandproportion.eventbrite.com

Middle School Real World Problems. Real-world expressions and equations problems for grades six, seven, and eight. Participants will work with Dr. DeVito to develop and solve equations associated with power solids, interlocking cubes, and other manipulatives. The one-day workshop highlights instructional strategies for standards 6.EE.B.7, 6.EE.B.8, 7.EE.A.2 and 8.EE.B.5. Participants will receive \$100 stipends.

June 6, 8:45 a.m.-4 p.m.
https://g6_8stem_utm_realworldproblems.eventbrite.com

Middle School Geometry. Geometry for grades six, seven, and eight. Participants will work with power solids. Participants will spend one fabulous day with Dr. DeVito exploring the connections between a variety of geometry concepts with tools including dry erase boards, folding 3D shapes, and a fraction tube game. The workshop showcases instructional strategies for standards 6.G.A.1, 6.G.A.2, 7.G.A.1, 7.G.B.3, 7.G.B.5, 8.G.B.5 and 8.G.C.7. Participants will receive \$100 stipends.

June 7, 8:45 a.m.-4 p.m.
https://g6-8stem_utm_geometry.eventbrite.com

Middle School Probability & Statistics. Learn and be "Entertained." Explore key concepts of statistics and probability with the ever-fascinating Dr. Entner. Observe the variance in data sets obtained from racing Hot Wheels® cars. Experience collaborative exercises which use a division of labor to analyze and compare numerous large data sets. The one-day workshop will highlight standards 6.SP.B.5, 7.SP.A.1, 7.SP.B.3, 7.SP.B.4, 7.SP.C.6, 7.SP.C.7, 7.SP.D.8, 8.SP.A.2 and 8.SP.A.3. Participants will receive \$100 stipends.

June 4, 8:45 a.m.-4 p.m.
https://g6_8_utm_probabilityandstatistics.eventbrite.com

High School Education

High School Algebra. This is not your great-uncle's algebra class. It is Dr. Niedzialomski's algebra class. The supplies list includes digital calipers, dry-erase boards, and lumber. That's right, dry-erase boards and actual boards. In addition to exploring hands-on algebra activities, participants will learn to spell Niedzialomski. This one-day workshop will focus on high school standards A1.F.IF.B.4, A1.S.ID.C.6, A1.S.ID.C.7, A2.A.APR.B.3, A1.A.REI.D.6, A2.A.REI.D.6, A2.F.IF.B.4 and A2.F.TF.A.1. Participants will receive \$100 stipends.

June 6, 8:45 a.m.-4 p.m.
https://hsstem_utm_algebra.eventbrite.com

High School Geometry. Dr. Niedzialomski brings geometry to life. The supplies list includes a giant compass, digital calipers, and plumbing pipe. Plumbing pipe! In addition to exploring hands-on geometry activities, participants will learn to pronounce Niedzialomski. This one-day workshop will focus on high school standards G.CO.C.9, G.CO.C.10, G.SRT.B.4, G.C.A.3, G.GPE.B.2, G.GMD.A.1 and G.GMD.A.2. Participants will receive \$100 stipends.

June 8, 8:45 a.m.-4 p.m.
https://hsstem_utm_geometry.eventbrite.com

High School Statistics & Probability. Learn and be "Entertained." Explore key concepts of statistics and probability with the ever-fascinating Dr. Entner. Model populations with smiling bouncy balls. Crooked dice, anyone? The one-day workshop will focus on high school standards S.ID.A.8, S.MD.A.4, S.MD.A.8, S.IC.D.17, S.IC.D.18, A2.S.CP.B.5, B.S.ID.B.2 and B.S.ID.B.3. Participants will receive \$100 stipends.

June 5, 8:45 a.m.-4 p.m.
https://hsstem_utm_statisticsandprobability.eventbrite.com



**REGISTRATION ENDS
MAY 31.**

Questions? Contact:

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(731) 881-7201
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Special note: These free workshops are available ONLY to teachers who graduated from UTM and/or teach in one of these participating school districts: Alamo City Schools, Benton County Schools, Bradford Special Schools, Carroll County School District, Crockett County Schools, Decatur County Schools, Dyer County Schools, Dyersburg City School District, Fayette County Schools, Gibson County Schools, Hardeman County Schools, Haywood County Schools, Henry County Schools, Hollow Rock-Bruceton Special School District, Humboldt City Schools, Huntingdon Special School District, Jackson-Madison County School System, Lake County Schools, Lauderdale County School District, McKenzie Special School District, McNairy County School District, Milan Special School District, Obion County Schools, Paris Special School District, South Carroll Special School District, Tipton County Schools, Trenton Special School District, Union City Schools, Weakley County Schools, West Carroll Special School District.

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The University of Tennessee is an EEO/AA/Title VI/Title IX/ Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status. Inquiries should be directed to the Office of Equity and Diversity (OED), 303 Administration Building, Martin, TN 38238, (731) 881-3505 Office, (731) 881-4889 TTY, Hearing Impaired, (731) 881-3507 Fax, equityanddiversity@utm.edu, <http://www.utm.edu/departments/equalopp/>. In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (The Clery Act), UTM's annual security report includes statistics for the previous three years concerning reported crimes that occurred on or around the campus and UTM's emergency response and evacuation procedures. You can view the report at <http://www.utm.edu/departments/finadmin/publicsafety/annualreport.php> or you may obtain a paper copy of the report by contacting the Office of Public Safety, 215 Hurt Street, Martin, TN 38238 or calling (731) 881-7777. Data on intercollegiate athletics program participation rates and financial support may be found at http://www.utm.edu/webshare/consumer_docs/09-10%20DOE-EADA%20Report.pdf and printed copies may be obtained through the Office of Intercollegiate Athletics, 1022 Elam Center, Martin, TN 38238 or by calling (731) 881-7660. R05-4380-004-002-18

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Department of Educational Studies

2018 Summer Workshops

Register by May 31, 2018