Teachers Teaching with Technology™
Professional Development from Texas Instruments

Teaching Topics Efficiently: Rates of Change From Algebra Through Calculus

education.ti.com/webinars

Texas Instruments

Host

Mike Houston

T3™ National Instructor
Ellwood City, Pennsylvania
@mikehouston33

Presenter

Tracy Watson

T3™ National Instructor
Malvern, Arkansas
@tracymath

Presenter

Corey Boby

T3™ National Instructor
Malvern, Arkansas

Agenda

- **Welcome and Introduction**
- **Understanding Slope on the TI-Nspire™**
- **Understanding Slope on the TI-84**
- **Connecting Rates Through Multiple Representations (both TI-84 and TI-Nspire™)**
- **Secant Line Approaching Tangent Line on the TI-Nspire™**
- **Graphing Derivatives on the TI-84**
- **Rate in AP* Calculus Problems**
- **Webinar drawing**

AP® is a trademark registered by the College Board, which is not affiliated with, and does not endorse, TI products. Policies subject to change. Visit www.collegeboard.org.

Expected Outcomes

- **I CAN** explore rate of change using numbers, tables, graphs and equations.
- **I CAN** investigate and model applications of rate of change using TI Technology.
- **I CAN** enhance student understanding of rate of change at various levels.

Share What You're Learning Today

@TICalculators

#T3Learns

Q&A

Questions on anything covered today?

Download Your Certificate of Attendance

Teaching Topics Efficiently: Rates of Change From Algebra Through Calculus

https://bit.ly/33dMV0l

Post-Webinar Follow-up

Find useful resources, answers to your questions and access to friendly, knowledgeable customer support and technical reps.

General Questions: 1.800.TI.CARES

Technical Questions: 972.917.8324 or ti-cares@ti.com

For a consultation on an upcoming purchase of TI Technology or professional development, please contact us at: ti-educators@ti.com

Upcoming Webinars and Survey

Register for upcoming webinars

education.ti.com/webinars

Tell us how we did

Right after this session, you will receive a survey. We appreciate your feedback so that we can improve future events.

Thank you