



- 2010-2013 Mathematics Teacher (Pre-Algebra, Algebra 1 & 2, Advanced Mathematics, Pre-Calculus, Selected Topics in Mathematics, AP Calculus AB & BC, Physical Science and Physics) 2001-2010 Math and Science Department Head 2005-2008 Supervising Teacher 2001-2003 Robotic Conch

- Supervising reacher 2001-2003 Robotics Coach Grant Coordinator Learn and Serve America Adult Education Credit Teacher 2008-2013 Hilbsborugh County Master Trainer (Technology in the Classroom, Lesson Planning, Teacher Evaluation, Using Data to Improve Programs, Smart Board, GED Mathematics and PLC Facilitation) .



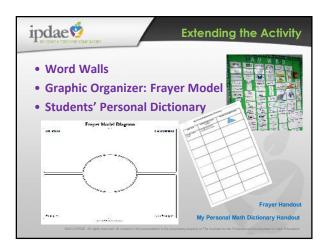
www.linkedin.com/in/oneroncruz/ Email: ronald.cruz@live.com

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Connections Activity

- All participants should be seated in groups around their respective tables.
- 5 randomly selected participants will be given a ball of yarn.
- Starting with the 5 participants from each group, they will share something about themselves (hobbies, likes, school, about students, trips, family, something special or interesting).
- Once they find a participant that has the same thing in common, they will then pass the ball of yarn, keeping one end of the yarn.
- This turn will continue until every person is holding a piece of yarn or after 5-7 minutes.



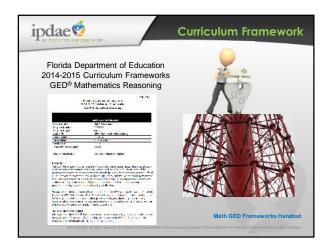


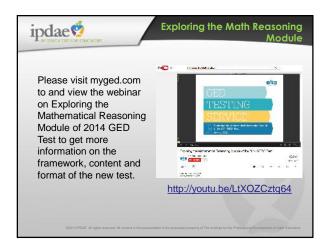


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Learning Objectives

- By the end of this training participants must be able to: Demonstrate increased understanding of the 2014 GED Test Understand the standards assessed by the 2014 GED Test
- Become familiarized with the format of the 2014 GED Test
- Demonstrate understanding of Webb's Depth of Knowledge Framework
- Apply strategies implementing the five Mathematical Practices outlined in the 2014 GED Assessment Guide Apply TI-30XS calculator skills when solving problems
- Identify and address weakest content indicators released by GED Testing Service. • Identify and address common student misconceptions
- Solve 2014 GED Released Sample Items
- Implement a plethora of strategies and develop ways to
- implement certain strategies to meet various students' needs.
- Explore materials and resources that will engage students

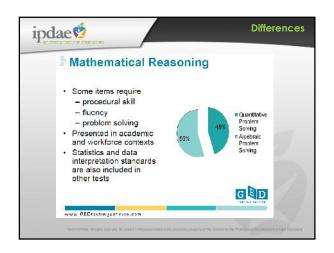




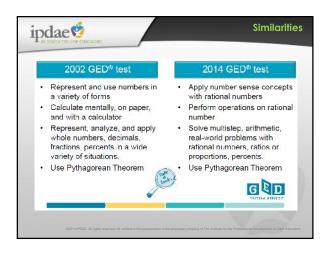




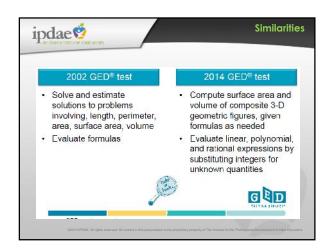




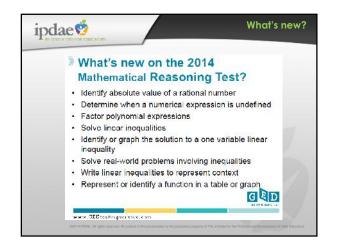


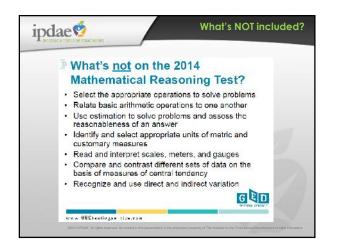


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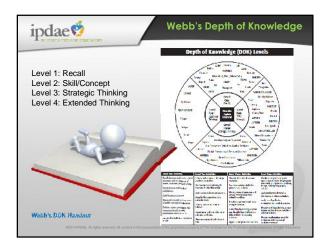




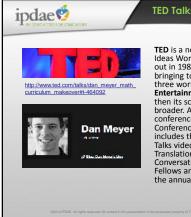












TED Talks Video Presentation

TED is a nonprofit devoted to ldeas Worth Spreading. It started out in 1984 at a conference bringing together people from three worlds: Technology, Entertainment, & Design. Since then its scope has become ever broader. Along with two annual conferences -- the TED Conference and TEDGlobal -- TED includes the award-winning TED Talks video site, the Open Translation Project and TED Conversations, the inspiring TED Fellows and TEDx programs, and the annual TED Prize.

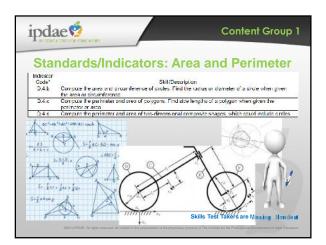


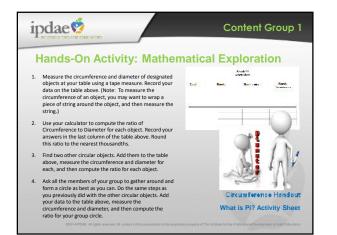


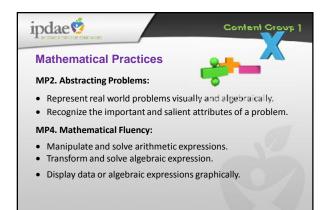
| | Algebraic Reasoning: | | |
|----------------|--|--|--|
| Indicator | | | |
| Coce* | Skil/Description | | |
| A.5.a | Locale points in the coordinate plane. | | |
| A.5.b | Determine the slope of a line from a graph, equation, or table. Graph two-variable linear equations | | |
| Code* A.1.c | Skil/Description Create linear expressions as part of word-to-symbol translations or to represent situations you have | | |
| Indicator | | | |
| | | | |
| | been given. | | |
| A.2.c | Create one for two variable linear equations to represent situations you have been given. | | |
| A.3.d | Create one-variable linear inequalities to represent situations you have been given. | | |
| | tical Practice and Content Interaction: Search for and recognize entry points for solving | | |
| a probler | a | | |
| Indicator | | | |
| Code* | Skil/Description | | |
| A2.a A3.a | Solve one variable linear equations, and formulas with multiple variables. | | |
| | Solve Inear inequalities in one variable. Solve one variable guadratic equations with real solutions, using any appropriate method. | | |









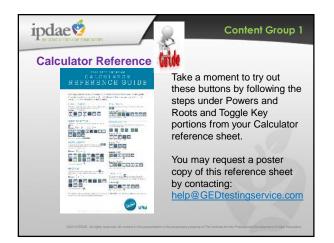


| ED For | mula Sheet | TI-30XS T-Chart | |
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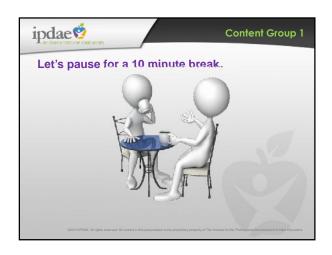




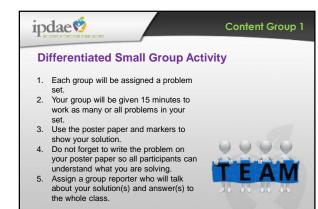


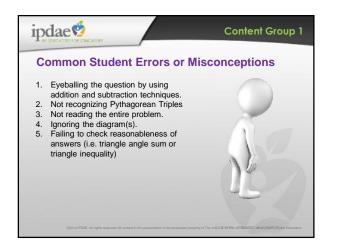


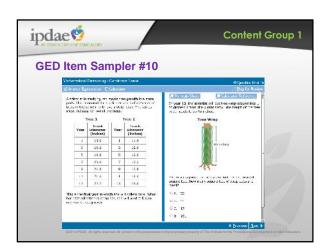




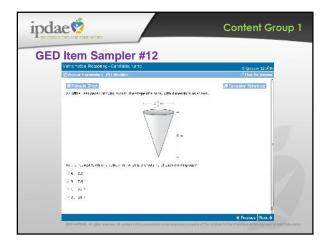












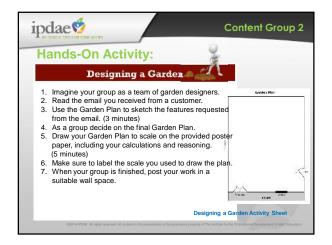














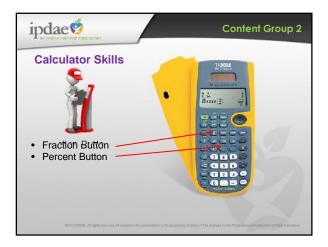


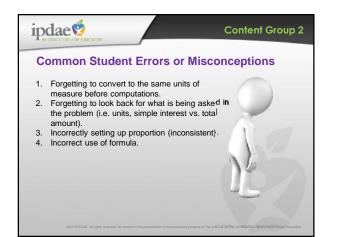
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Content Group 2

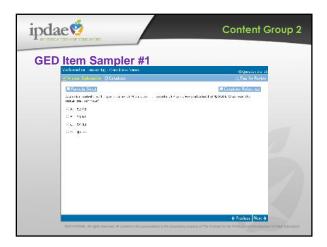
Mathematical Practices

- MP1. Building Solution Pathways and Lines of Reasoning
- Search for and recognize entry points for solving a problem.
- Plan a solution pathway or outline a line of reasoning.Select the best solution pathway, according to given criteria.
- MP2. Abstracting Problems
- Represent real world problems visually and algebraically.
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- MP4. Mathematical Fluency
- Manipulate and solve arithmetic expressions.
- MP5. Evaluating Reasoning and Solution Pathways
- Recognize flaws in others' reasoning.
- Identify the information required to evaluate a line of reasoning.





Content Group 2 Paper and Pencil Activities for your Students e Interview Buying Concert Tickets e Going Shopping Creating a Menu *All these worksheets are also stored in your Math DefragGED USB Drive.



| Item Sampler #4 | |
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