



Strength in Numbers: Collaborative Learning in Secondary Mathematics

By Ilana Horn

Download now

Read Online 

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn

Students who work together, succeed together. Isn't that every teacher's goal?

Use group work effectively to create a learning environment in the secondary mathematics classroom. Learn how students experience learning mathematics in collaborative settings. Develop tasks, concepts, strategies, and tools that create successful group work and reach students of all abilities.

Written by a seasoned teacher, researcher and teacher educator with over two decades of teaching experience, the goal of this book is to support teachers in developing tools for effective group work in their secondary mathematics classrooms. Effective group work engages children's own thinking and allows them to work together to understand a concept. It can also address problems that often arise in typical mathematics instruction by providing a framework for teachers to create engaging learning environments. The book outlines ways to choose tasks, help students adjust to new ways of approaching schoolwork, and discusses the types of status problems that can impede the most earnest attempts at collaborative learning. This practical, useful book introduces tested tools and concepts for creating equitable collaborative learning environments that supports all students and develops confidence in their mathematical ability.

 [Download Strength in Numbers: Collaborative Learning in Sec ...pdf](#)

 [Read Online Strength in Numbers: Collaborative Learning in S ...pdf](#)

Strength in Numbers: Collaborative Learning in Secondary Mathematics

By Ilana Horn

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn

Students who work together, succeed together. Isn't that every teacher's goal?

Use group work effectively to create a learning environment in the secondary mathematics classroom. Learn how students experience learning mathematics in collaborative settings. Develop tasks, concepts, strategies, and tools that create successful group work and reach students of all abilities.

Written by a seasoned teacher, researcher and teacher educator with over two decades of teaching experience, the goal of this book is to support teachers in developing tools for effective group work in their secondary mathematics classrooms. Effective group work engages children's own thinking and allows them to work together to understand a concept. It can also address problems that often arise in typical mathematics instruction by providing a framework for teachers to create engaging learning environments. The book outlines ways to choose tasks, help students adjust to new ways of approaching schoolwork, and discusses the types of status problems that can impede the most earnest attempts at collaborative learning. This practical, useful book introduces tested tools and concepts for creating equitable collaborative learning environments that supports all students and develops confidence in their mathematical ability.

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn **Bibliography**

- Sales Rank: #171271 in Books
- Published on: 2012-03-01
- Dimensions: 9.02" h x 5.98" w x .0" l, .0 pounds
- Binding: Paperback
- 100 pages

 [Download Strength in Numbers: Collaborative Learning in Sec ...pdf](#)

 [Read Online Strength in Numbers: Collaborative Learning in S ...pdf](#)

Download and Read Free Online Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn

Editorial Review

Review

This incisive, informative, well-researched, and practical book describes ways in which teachers can use collaborative learning to create secondary mathematics classrooms in which all students have an equal opportunity to learn. It deserves a wide audience--including teachers, teacher educators, administrators, and policy makers. --James A. Banks, Kerry and Linda Killinger Endowed Chair in Diversity Studies and Director of the Center for Multicultural Education

[This book] addresses two crucial problems...The first is...how to engage all classroom learners in meaningful mathematics. The second is how to structure teaching so that teachers play a major role in improving the practice. Horn has done a beautiful job of grounding the relationship between these two challenges in real stories of teaching and teacher learning. --Magdalene Lampert, Professor of Education and Coordinator of the Learning in, from, and for Teaching Practice Project, University of Michigan

Horn offers practical principles, strategies, and insights that come straight from working in public, urban high schools. Mathematics teachers committed to group work, equitable participation, and building vibrant classroom communities should start here. --Carlos Cabana, High School Mathematics Teacher and Complex Instruction Educator

About the Author

Ilana Horn is a professor of Mathematics Education at Vanderbilt University's Peabody College. Her work focuses on making rigorous mathematics accessible to a wide range of learners. Her research has two strands. The first considers what it means to teach secondary mathematics equitably and ambitiously. The second investigates how mathematics teachers learn this form of teaching, examining the role of colleagues and contexts in teachers' sense making.

Users Review

From reader reviews:

Christine Scott:

Why don't make it to be your habit? Right now, try to prepare your time to do the important take action, like looking for your favorite guide and reading a guide. Beside you can solve your long lasting problem; you can add your knowledge by the guide entitled Strength in Numbers: Collaborative Learning in Secondary Mathematics. Try to the actual book Strength in Numbers: Collaborative Learning in Secondary Mathematics as your close friend. It means that it can being your friend when you truly feel alone and beside those of course make you smarter than before. Yeah, it is very fortunated to suit your needs. The book makes you a lot more confidence because you can know almost everything by the book. So , let us make new experience as well as knowledge with this book.

Jessie Loudermilk:

Spent a free a chance to be fun activity to do! A lot of people spent their sparetime with their family, or all

their friends. Usually they carrying out activity like watching television, going to beach, or picnic inside the park. They actually doing same every week. Do you feel it? Do you need to something different to fill your personal free time/ holiday? May be reading a book might be option to fill your free of charge time/ holiday. The first thing that you'll ask may be what kinds of publication that you should read. If you want to test look for book, may be the publication untitled Strength in Numbers: Collaborative Learning in Secondary Mathematics can be good book to read. May be it is usually best activity to you.

Clayton Bruce:

This Strength in Numbers: Collaborative Learning in Secondary Mathematics is great book for you because the content that is certainly full of information for you who always deal with world and get to make decision every minute. This book reveal it information accurately using great organize word or we can point out no rambling sentences inside. So if you are read the idea hurriedly you can have whole details in it. Doesn't mean it only offers you straight forward sentences but challenging core information with beautiful delivering sentences. Having Strength in Numbers: Collaborative Learning in Secondary Mathematics in your hand like getting the world in your arm, information in it is not ridiculous one particular. We can say that no reserve that offer you world inside ten or fifteen tiny right but this reserve already do that. So , this can be good reading book. Hi Mr. and Mrs. busy do you still doubt that will?

Cleora Yarbrow:

A lot of book has printed but it differs. You can get it by web on social media. You can choose the best book for you, science, comedy, novel, or whatever by simply searching from it. It is called of book Strength in Numbers: Collaborative Learning in Secondary Mathematics. You can add your knowledge by it. Without causing the printed book, it may add your knowledge and make a person happier to read. It is most important that, you must aware about publication. It can bring you from one destination for a other place.

Download and Read Online Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn #4LGK6BSAE85

Read Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn for online ebook

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn books to read online.

Online Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn ebook PDF download

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn Doc

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn Mobipocket

Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn EPub

4LGK6BSAE85: Strength in Numbers: Collaborative Learning in Secondary Mathematics By Ilana Horn