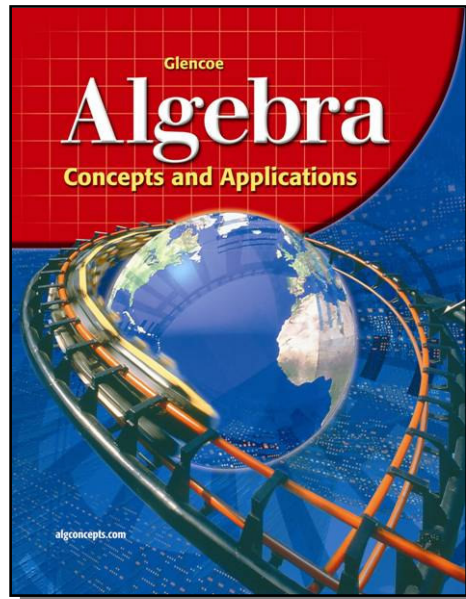
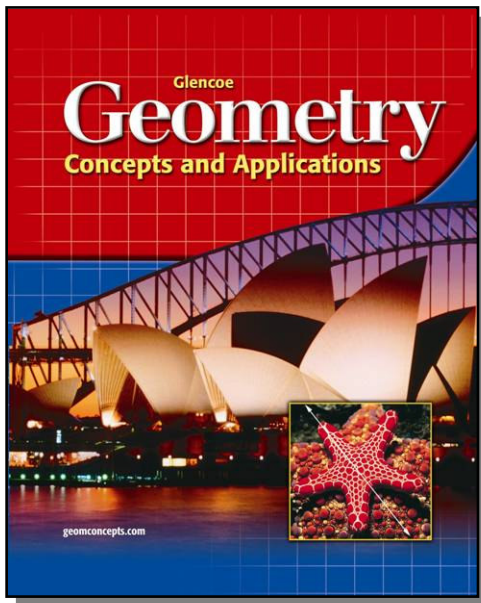




**RESEARCH SUMMARY FOR**  
*Algebra: Concepts and Applications*  
and  
*Geometry: Concepts and Applications*



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## **RESEARCH SUMMARY**

Glencoe's *Algebra: Concepts and Applications* and Glencoe's *Geometry: Concepts and Applications*, as well as Glencoe's entire mathematics series, are the product of ongoing classroom-oriented research that involves students, teachers, curriculum supervisors, administrators, parents, college-level mathematicians, and educational research specialists.

The programs that make up the Glencoe mathematics series are currently being used successfully by millions of students and tens of thousands of teachers. The key reason for the success of these programs in the classroom is the fact that each Glencoe author team is a mix of practicing classroom teachers, curriculum supervisors, and college-level mathematics educators and learning specialists. Glencoe's balanced author teams help ensure that Glencoe mathematics programs are both practical and progressive.

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Jerry Cummins	Staff Development Specialist State of Illinois Past President of National Council of Supervisors of Mathematics
Carol Malloy	Assistant Professor of Mathematics Education University of North Carolina at Chapel Hill Chapel Hill, North Carolina
Kay McClain	Lecturer George Peabody College Vanderbilt University Nashville, Tennessee.
Yvonne Mojica	Mathematics Teacher and Mathematics Department Chairperson Verdugo Hills High School Tujunga, California
Jack Price	Professor, Mathematics Education California State Polytechnic University Pomona, California.

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Jerry Cummins	Staff Development Specialist State of Illinois Past President of National Council of Supervisors of Mathematics
Tim Kanold	Superintendent Adlai E. Stevenson High School District 125 Lincolnshire, Illinois
Margaret Kenney	Professor of Mathematics Assistant to the Director Mathematics Institute Boston College Chestnut Hill, Massachusetts.
Carol Malloy	Assistant Professor of Mathematics Education University of North Carolina at Chapel Hill Chapel Hill, North Carolina.
Yvonne Mojica	Mathematics Teacher and Mathematics Department Chairperson Verdugo Hills High School Tujunga, California.

Prior to the publication of Glencoe's *Algebra: Concepts and Applications* and Glencoe's *Geometry: Concepts and Applications* programs, research activities included:

- Field tests in which students and teachers used pre-publication manuscript in the classroom
- A review of educational research and recommendations by groups such as the National Council of Teachers of Mathematics (NCTM)
- Mail surveys of mathematics educators
- Discussion groups involving mathematics teachers, department heads, and supervisors
- Focus groups involving mathematics educators
- Face-to-face interviews with mathematics educators
- Telephone surveys of mathematics educators
- In-depth analyses of manuscript by a wide range of reviewers and consultants

Feedback from teachers, curriculum supervisors, and students who currently use Glencoe mathematics programs was also incorporated as Glencoe planned and published these new programs. For example, From the Classroom of... features, which are printed in the Teacher's Wraparound Edition, are one result of this feedback.

This research makes it possible for Glencoe's authors and editors to publish outstanding instructional resources that bring mathematics success to all students.

## **CONTACTS**

**For more information on Glencoe Mathematics visit us at  
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### **FOR ADDITIONAL INFORMATION CONTACT:**

**C. Terry Balko, Marketing Manager  
High School Mathematics  
Glencoe/McGraw-Hill  
8787 Orion Place  
Columbus, Ohio 43240-4027**

**800-848-1567**

**[terry\\_balko@mcgraw-hill.com](mailto:terry_balko@mcgraw-hill.com)**