Pearson

2026-2027 K-12 Mathematics and Computer Science Bid #1803 - College Algebra and Trigonometry

IM8 Questionnaire

Authors & Credentials: List full name of author(s), with major or senior author listed first. Briefly provide credentials for each author.

Answer: The late Marge Lial was always interested in math; it was her favorite subject in the first grade! Marge's intense desire to educate both her students and herself has inspired the writing of numerous best-selling textbooks. Marge, who received Bachelor's and Master's degrees from California State University at Sacramento, was affiliated with American River College. An avid reader and traveler, her travel experiences often found their way into her books as applications, exercise sets, and feature sets. Her interest in archeology led to trips to various digs and ruin sites, producing some fascinating problems for her textbooks involving such topics as the building of Mayan pyramids and the acoustics of ancient ball courts in the Yucatan. When John Hornsby enrolled as an undergraduate at Louisiana State University, he was uncertain whether he wanted to study mathematics education or journalism. His ultimate decision was to become a teacher, but after 25 years of teaching at the high school and university levels and 15 years of writing mathematics textbooks, both of his goals have been realized. His love for both teaching and for mathematics is evident in his passion for working with students and fellow teachers as well. His specific professional interests are recreational mathematics, mathematics history, and incorporating graphing calculators into the curriculum. John's personal life is busy as he devotes time to his family (wife Gwen, and sons Chris, Jack, and Josh), and has been an avid baseball fan all of his life. John's other hobbies include numismatics (the study of coins) and record collecting. He loves the music of the 1960s and has an extensive collection of the recorded works of Frankie Valli and the Four Seasons. David Schneider, who is known widely for his tutorial software, holds a BA degree from Oberlin College and a PhD from MIT. He is currently an emeritus professor of mathematics at the University of Maryland. He has authored 8 widely used math texts, 14 highly acclaimed computer books, and 3 widely used mathematical software packages. He has also produced instructional videotapes at both the University of Maryland and the BBC. Callie Daniels has always had a passion for learning mathematics and brings that passion into the classroom with her students. She attended the University of the Ozarks where she earned a bachelor's degree in Secondary Mathematics Education. She has two master's degrees: one in Applied Mathematics and Statistics from the University of Missouri - Rolla, the second in Adult Education from the University of Missouri - St. Louis. Her professional interests include improving success in the community college mathematics sequence, using technology to enhance students' understanding of mathematics, and creating materials that support classroom teaching and student understanding. She is able to pursue these interests as a contributor on the Lial Developmental Math series, and a co-author on the Precalculus series.

Students: Describe the type(s) of students for which this submission is intended.

Answer: This course is designed for students who are looking to master college algebra and trigonometry. It is suitable for students at various levels of understanding, as it offers a wide range of exercises that increase in difficulty. The course is particularly beneficial for students who need support with preparedness, as it provides just-in-time remediation and key-concept reviews.

1. List the Florida districts in which this program has been piloted in the last eighteen months.

Answer: N/A

2. HOW ARE YOUR DIGITAL MATERIALS SEARCHABLE BY FLORIDA STATE STANDARDS (SECTION 1006.33(1)(E), FLORIDA STATUTES)?

Answer: Content is able to be searched through the Pearson eText.

3. IDENTIFY AND DESCRIBE THE COMPONENTS OF THE MAJOR TOOL. The Major Tool is comprised of the items necessary to meet the standards and requirements of the category for which it is designed and submitted. As part of this section, include a description of the educational approach of the submission.

Educational Approach: (The information provided here will be used in the instructional materials catalog in the case of adoption of the program. Please limit your response to 500 words or less.)

Answer: Print textbook and MyLab digital access (5 years). College Algebra and Trigonometry channels the experience of master teachers to help students develop the conceptual understanding and analytical skills needed to succeed in mathematics. A systematic approach is used to present each topic and is designed to actively engage students in learning. Ample opportunities for review are interspersed within chapters and also found at the end of chapters. The 7th Edition offers a complete suite of materials that supports all classroom types and learners, and expands the Review chapter to cover more of the basic algebra concepts that students often find challenging.

Major Tool – Student Components: Describe each of the components, including a format description.

Answer: Print book features: The variety of exercise types promotes understanding and reduces rote memorization, Concept Preview exercises begin each homework section to ensure students' understanding of vocabulary and basic concepts, especially for hybrid, online and flipped courses, Concept Check exercises focus on mathematical thinking and conceptual understanding. Relating Concepts exercises help students connect topics and develop problem-solving skills as they compare ideas, identify and describe patterns, and extend concepts to new situations, Pointers in the examples provide on-the-spot

reminders and warnings about common pitfalls, Now Try exercises conclude every example with a reference to one or more parallel, odd-numbered exercises from the corresponding exercise set. Student supplements: Student Mathematics Activity Supplement - format online access via MLM. MyLab Math: Integrated Review, all new videos, updated Video notebook.

Major Tool – Teacher Components: Describe each of the components, including a format description.

Answer: MyLab math Resources:Teacher Mathematics Activity Supplement - format online access via MLM, Instrcutor Solutions Manual, video note taking guide.

4. IDENTIFY AND DESCRIBE THE ANCILLARY MATERIALS. Briefly describe the ancillary materials and their relationship to the major tool.

Ancillary Materials – Student Components: Describe each of the components, including a format description.

Answer: MyLab Math: Integrated Review provides videos on review topics with corresponding worksheets, plus premade, assignable skills-check quizzes and personalized review homework assignments, New videos, GeoGebra Grpahing Exericses, Interactive eTextbook with embedded practice.

Ancillary Materials – Teacher Components: Describe each of the components, including a format description.

Answer: Print Textbook, Annotated Teachers Edition, Teacher Mathematics Activity Supplement

5. Identify which industry standard protocols are utilized for interoperability?

Answer: The MyLab learning platform is IMS Global / 1 Ed Tech, 1.3 compatible. A list of learning management platforms that can be integrated with MyLab and other information on integration services can be found at https://www.pearson.com/en-us/higher-education/educators/digital-learning-platforms/lms-integration-services.html

If more assistance is required, our dedicated LMS Install team can works one-on-one with your technology lead to ensure a smooth, secure, and efficient integration between your Learning Management System (LMS) and Pearson digital platforms, so your system can support teaching and learning from day one.

6. HOW MUCH INSTRUCTIONAL TIME IS NEEDED FOR THE SUCCESSFUL IMPLEMENTATION OF THIS PROGRAM? Identify and explain the suggested instructional time for this submission. If a series, state the suggested time for each level. The goal is to determine whether the amount of content is suitable to the length of the course for which it is submitted.

Answer: Our programs are specifically designed to align with the structure and pacing of traditional, full-year academic courses. Each course includes a robust number of instructional hours, giving educators the flexibility to customize lessons and pacing to meet the unique needs of their students and classroom schedules.

7. WHAT PROFESSIONAL DEVELOPMENT IS AVAILABLE? Describe the ongoing learning opportunities available to teachers and other education personnel that will be delivered through their schools and districts as well as the training/in-service available directly from the organization for successful implementation of the program. Also provide details of the type of training/in-service available and how it may be obtained. (The information provided here will be used in the instructional materials catalog in the case of adoption of the program.)

Answer: For information regarding our virtual and in-person professional development opportunities please see: https://acrobat.adobe.com/id/urn:aaid:sc:US:3f53dddc-442c-49af-93cf-6f1b4e68f442

8. WHAT HARDWARE/EQUIPMENT IS REQUIRED? List and describe the hardware/equipment needed to implement the submission in the classroom. REMEMBER: Florida law does not allow hardware/equipment to be included on the bid! However, schools and districts must be made aware of the hardware/equipment needed to fully implement this program.

Answer: Our digital products can be accessed by any device connected to the Internet. A list of compatible browsers and their system requirements is available here: https://support.pearson.com/getsupport/s/article/Using-an-Alternate-Supported-Browser

9. WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY? If software is being submitted, please attach a copy of the company's licensing policies and/or agreements.

Answer: For information regarding our Universal Terms of Service and End User License Agreement please visit: https://loginstatic.pearson.com/html/PearsonEULA.html

10. WHAT STATES HAVE ADOPTED THE SUBMISSION? List some of the states in which this submission is currently adopted.

Answer: This title has been adopted in FL, CA, MO, KY, IL, IN, NY, OR, GA, and SC.

11. WHAT OPEN EDUCATIONAL RESOURCES RELATED TO THIS BID DO YOU MAKE AVAILABLE(S)? List and describe each of the components, including a format description. (Open Educational Resources (OER) are high-quality, openly licensed, online educational materials that offer an extraordinary opportunity for people everywhere to share, use, and reuse knowledge.)

Answer: N/A

12. Although not called for in the state adoption, do you have advanced placement (ap) or accelerated program instructional materials available for the course(s) bid for adoption?

Answer: No

13. What, if any, foreign language translations do you have available?

Answer: The online platforms allow translations to be made into more than 100 major languages.

14. Do you provide access point scaffolding or an access point correlation upon request?

Answer: Yes, we do provide access point correlations, and these are included in our submitted standard alignments, which are available on the procurement portal. These correlations highlight how our materials align with access point standards to support all learners.

15. ESSA LEVELS OF EVIDENCE: To be considered an evidence-based program (or practice), it is required to have evidence to show that the program is in fact effective at producing results and improving outcomes in reading when implemented. Identification of evidence level alignment, Levels 1-4 (as outlined in the specifications), for the entirety of the program, part of the program, or individual practices within the program is required. Please explain how your product meets these requirements.

Answer: While we do not have ESSA Levels of Evidence available for all titles being submitted, we do have robust evidence on the efficacy of our MyLab program where our digital components are housed. For more information please see: https://www.pearson.com/en-us/schools/college-readiness-career-education/success-stories.html.

Likewise, our products undergo intensive reviews conducted by subject matter experts and instructors to ensure we are giving educators and students the tools they need to succeed.