



2026–2027 K–12 Mathematics and Computer Science Bid #1802 – Elementary Statistics: Picturing the World

IM8 Questionnaire

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

Answer: Ron Larson received his Ph.D. in mathematics from the University of Colorado in 1970. At that time, he accepted a position with Penn State University, and he currently holds the rank of professor of mathematics at the university. Larson is the lead author of more than two dozen mathematics textbooks that range from 6th grade through calculus levels. Many of his texts, such as the 10th Edition of his calculus text, are leaders in their markets. Larson is also one of the pioneers in the use of multimedia and the Internet to enhance the learning of mathematics. He has authored multimedia programs, extending from elementary school through calculus levels. Larson is a member of several professional groups and is a frequent speaker at national and regional mathematics meetings.

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

Answer: This course is designed for a variety of students, particularly those who are taking introductory statistics. It is suitable for: Visual Learners: The course emphasizes graphical data displays, which are beneficial for students who learn best through visual means. Students Needing Remediation: Integrated review content helps students who may not have a full understanding of prerequisite skills and concepts. Students Seeking Practical Applications: The course includes real-life applications relevant to various majors, making statistics more engaging and applicable. Students Focused on Conceptual Understanding: The course stresses understanding over mere procedural knowledge, aligning with GAISE recommendations. Students Interested in Self-Improvement: Personal Inventory Assessments promote self-reflection and metacognition, aiding in personal growth and learning strategies. Overall, the course aims to produce informed consumers of statistical reports rather than statisticians, making it accessible and relevant to a broad range of students.

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). Elementary Statistics: Picturing the World, 8th edition makes statistics easy with clear instructions, real-life examples, and a user-friendly design. It combines theory, helpful teaching-learning tools, and design to help students understand concepts and apply statistics to the world. Problem solving: Technology tips demonstrate using Minitab, Excel, TI-84 Plus, and StatCrunch to solve problems easily. Chapter Technology Projects show how these tools work with large data sets and real-life applications. Critical thinking: Includes Real Statistics, Real Decisions, and Putting It All Together to encourage thinking critically and making informed decisions about data. Interactive learning: Includes Case Studies with actual data to explain key ideas, summaries, exercises, quizzes, tests, and cumulative reviews. "Where You've Been" connects to earlier topics, and "Where You're Going" overviews each chapter. Real world applications: Provided by "Where You've Been and Where You're Going" sections in each chapter with visuals of real-world problems. Up-to-date features: Include Try It Yourself, Picturing the World, new exercises, and screen displays.

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

Answer: Printed textbook: Elementary Statistics: Picturing the World, 8th Edition makes statistics approachable with stepped-out instruction, extensive real-life examples and exercises, and a design that fits content to each page to make the material more digestible. Its combination of theory, teaching and learning aids, and design helps students understand concepts and use statistics to describe and think about the world. Printed textbook features: Technology tips show how to use Minitab, Excel, the TI-84 Plus and StatCrunch® to solve a problem. Chapter Technology Projects show how technology is used for large data sets or real-life questions. Real Statistics – Real Decisions: Putting It All Together encourages students to think critically and make informed decisions about data. Exercises guide students from interpretation to drawing conclusions. Representative range of authentic, accessible applications reflects the majors of students taking the course. Chapter Case Studies use actual data and pose questions that illustrate important concepts. Review and assessment features include Chapter Summary, Review Exercises, Quiz and Test for each chapter, plus Cumulative Reviews. MyLab Statistics features: 1,209 exercises available to assign in MyLab Statistics (with algorithmically regenerating values as appropriate and Learning Aids like View an Example and Help Me Solve This) 30% new



MyLab items, including increased use of -T items that assume use of statistical software. Student Mathematics Activity Supplement New and refreshed example and lecture videos are provided. StatCrunch statistical software Updated accessible integrated review worksheets give students practice problems and instruction on key prerequisite content. Student Solutions Manual Video and Resource Library with section lecture videos and software help videos Data sets available for easy download Screenreader-accessible, searchable eTextbook with AI Study Tool

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

Answer: MyLab Statistics features: Teacher Mathematics Activity Supplement StatCrunch Instructor Solutions Manual PowerPoint slides (screenreader accessible) Test bank; can be used in TestGen Answers to Integrated Review Worksheets

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 Statistics includes: 1,209 exercises available to assign in (with algorithmically regenerating values as appropriate and Learning Aids like View an Example and Help Me Solve This) 30% new MyLab items, including increased use of -T items that assume use of statistical software. New and refreshed example and lecture videos are provided. StatCrunch statistical software Student Mathematics Activity Supplement Updated accessible integrated review worksheets give students practice problems and instruction on key prerequisite content. Student Solutions Manual Video and Resource Library with section lecture videos and software help videos Data sets available for easy download Screenreader-accessible, searchable eTextbook with AI Study Tool

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

Answer: Printed textbook: Annotated Teacher's Edition includes answers Teacher Mathematics Activity supplement

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

Answer: The MyLab learning platform is IMS Global / 1Ed 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 work 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: Computer with internet access (desktop/laptop/Chromebook); TI-83/84 calculator optional

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, OH, CA, PA, IL, IN, NJ, CT, TN, and NY.



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:*Yes

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.