

Step Into STEAM, Grades PreK-5

Your Standards-Based Action Plan for Deepening Mathematics and Science Learning

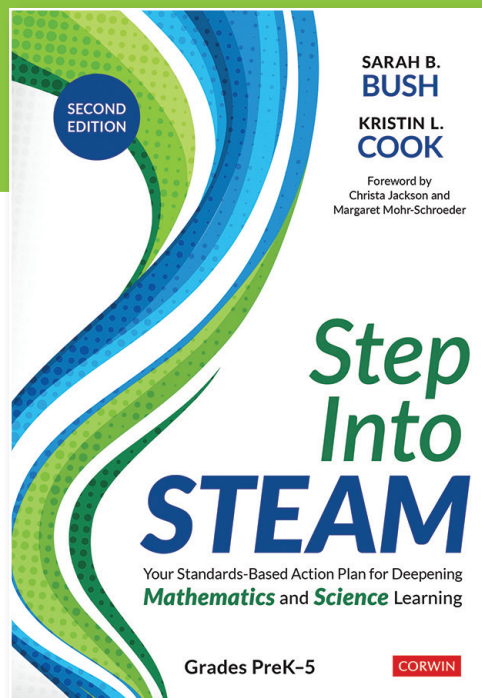
Sarah B. Bush, Kristin L. Cook

In this *Second Edition of Step Into STEAM*, authors Sarah Bush and Kristin Cook guide and inspire PreK–5 educators through a seamless process of designing and implementing STEAM inquiries that align precisely to key mathematics and science content and practices—all while meeting the demands of guiding assessments. Going far beyond a collection of STEAM activities, this book shows educators, as well as school and district leaders, how to build a STEAM ecosystem that can measurably improve every learner’s mathematics and science achievement, as well as engagement, belonging, and interest.

What truly sets this book apart is its masterful integration of problem-based inquiry as the foundation for STEAM instruction. This updated edition:

- Expands on the latest research in STEAM education across PreK-5 in various educational settings
- Incorporates strategies grounded in Universal Design for Learning to engage all learners
- Provides updated STEAM resources aligned to the Integrated STEM Practices
- Embeds actionable tips throughout each chapter that educators can implement immediately in addition to suggestions for ongoing learning and growth for all
- Offers an updated companion website with additional templates for brainstorming sessions or book studies, action plans, and checklists to help educators put their ideas into practice

This is an essential guide for educators looking to implement STEAM education in their classrooms and beyond. *Step Into STEAM* provides a comprehensive roadmap for cultivating the creativity, problem-solving abilities, resilience, and empathy that will empower the next generation of innovators, entrepreneurs, and global citizens. Make the most of your limited instructional time and become part of the *Step Into STEAM* journey!



ISBN: 9781071946275

FIVE STAR REVIEWS



“Step Into STEAM takes a sophisticated pedagogy from appearing as a complicated challenge to an approach that is accessible to each and every educator... The authors’ practical approach to getting started and go-to resources recognize the reality of busy educators’ lives. Here you’ll find planning tools and examples of investigations that don’t trivialize any of the STEAM subjects to merely ‘cover’ a subject. Rather, they integrate the subjects in a way that leverages community and societal interests; they exemplify student-driven instruction that capitalizes on learners’ strengths; and they focus on equity, empathy, and experience to help learners seamlessly blend their noncognitive skills.”

—**Karen S. Karp**

*Mathematics Education Consultant, Author
Professor Emeritus, University of Louisville Past President,
Association of Mathematics Teacher Educators*