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Page Keeley | NSTA PRESS, GRADES K–12

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See pages 8–13 for special purchasing packages and Book Collections by grade level. Visit www.nsta.org/book-series/picture-perfect-science for pricing and ordering information!
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*Picture-Perfect Modules include the printed unit lesson plan, read-alouds, and ClassPack.*

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*(continued)*

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### 4th Grade PPS

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### 5th Grade PPS

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Original Picture-Perfect Book Collections

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Picture-Perfect by Grade Book Collections

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The books include reproducible student pages, teacher notes, checkout questions, and standards-alignment matrices, so teachers have everything they need to start incorporating these authentic experiences in their classrooms. Each book has a companion Student Lab Manual that includes everything students need to complete the investigations.
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#: OP943X
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The second edition of this bestseller is newly mapped to the Framework and NGSS and has been updated with new standards and research-based resources. It will help science educators make the shifts needed to reflect current practices in curriculum, instruction, and assessment. The new edition also has an increased emphasis on STEM, particularly engineering. The methodical study process described in this book will help readers intertwine content, practices, and crosscutting concepts.

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Ted Willard, Editor | NSTA PRESS, GRADES K–12

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Ted Willard | NSTA PRESS, GRADES K–12

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Jeffrey Nordine and Okhee Lee, Editors | NSTA PRESS, GRADES K–12

If you’ve been trying to figure out how crosscutting concepts (CCCs) fit into three-dimensional learning, this in-depth resource will show you their usefulness across the sciences. The book is designed to help teachers at all grade levels (1) promote students’ sensemaking and problem-solving abilities by integrating CCCs with science and engineering practices and disciplinary core ideas; (2) support connections across multiple disciplines and diverse contexts; and (3) use CCCs as a set of lenses through which students can learn about the world around them.

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Reshaping Teaching and Learning
Ravit Golan Duncan, Joseph Krajcik, and Ann E. Rivet, Editors | NSTA PRESS, GRADES K–12

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Christina V. Schwarz, Cynthia Passmore, and Brian J. Reiser | NSTA PRESS, GRADES K–12

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Jessica Fries-Gaither | NSTA KIDS, GRADERS 3–5

This book brings to life the many ways in which trailblazers from Galileo to Jane Goodall have used a science notebook. You will also get four steps to starting your own notebook, plus mini-biographies of the diverse featured scientists. Written in captivating rhyme, the text is sprinkled with lively illustrations. • OUTSTANDING SCIENCE TRADE BOOK FOR STUDENTS K–12!
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Exemplary Evidence
Scientists and Their Data
Jessica Fries-Gaither | NSTA KIDS, GRADERS 3–5

With this follow-up to the award-winning Notable Notebooks (see above), you can help kids discover what data—and scientists—can do! Exemplary Evidence highlights how a diverse range of scientists, including Marie Tharp and Russell Stands-Over-Bull, have used measurements, mapping, and even sketches to make all kinds of breakthroughs. • OUTSTANDING SCIENCE TRADE BOOK FOR STUDENTS K–12!
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E-book #: PKE441X Members: $9.42  Non-members: $11.77
Book/E-book Set #: PKE441X Members: $15.07  Non-members: $18.84

Why is science notebooking so valuable for your elementary school students? Because a notebook is thinking made visible—a tangible record of how they ask questions, analyze and interpret data, and engage in argument from evidence. That’s the idea behind Science Notebooks in Student-Centered Classrooms. This comprehensive guide shows how budding scientists and teachers both benefit when K–5 students use notebooks to record their emerging understanding in a three-dimensional science classroom.
Awaken a sense of wonder in a child with the Next Time You See series. Rather than providing facts to memorize, the books’ engaging text and eye-catching photography inspire children to experience the enchantment of everyday phenomena in the natural world. Free supplementary activities are available on NSTA’s website for teachers who want to go one step further. Specifically designed to be experienced with an adult—whether a parent, teacher, or friend—Next Time You See books serve as a reminder that you don’t have to look far to find something remarkable in nature. (Next Time You See books in Spanish are translated by Alicia B. Fuentes.)

Next Time You See a Bee
ISBN: 978-1-68140-651-0; #: PB329X9
# (paperback): PK329X9 Members: $93.01 Non-members: $116.25

Next Time You See a Bee
This book will get young readers buzzing about bees! Next Time You See a Bee reveals the big impact these little insects have on the world. It shows how the physical features of bees make them pros at collecting and spreading pollen. It explains how bees pollinate flowers, allowing the plants to produce delicious foods such as apples, almonds, and peaches. It also introduces readers to the wide variety of North America’s native bee species, discusses why bees are threatened, and shares what readers can do to help. After reading Next Time You See a Bee, curious kids can partner with adults to observe these remarkable creatures without fear—and take bee-friendly measures to protect the insects for the benefit of us all.

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Distance-Learning Strategies That Support Student Sensemaking
Explore using distance-learning strategies to give students experience with relevant phenomena in order to create the need to engage in science learning to explain what they’ve observed.

Three-Dimensional Teaching and Learning Powered by STEM
Empower educators to better integrate STEM and three-dimensional (3-D) standards for teaching and learning, and learn how STEM initiatives and 3-D instruction support each other. Participants explore the vision of a scientifically literate society described in A Framework for K–12 Science Education. They examine how this vision supports and is supported by STEM education, focusing on aspects of the designed world through the application of science and engineering practices.

Achieving Equity With Three-Dimensional Teaching and Learning
Explore how 3-D science instruction, driven by phenomena and problem solving, can create opportunities for ALL students to develop scientific literacy. Participants develop an understanding of 3-D teaching and learning and gain a powerful toolkit to support learning for all students in the classroom.

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3-D teaching and learning poses new challenges—and new opportunities—in assessment. Participants learn how to examine student models for evidence of 3-D learning. They also learn criteria for evaluating the quality of assessment tasks.

Using Student-Work Protocols to Evaluate 3-D Learning
Participants learn a protocol to examine student work for evidence of 3-D learning, provide feedback, and inform next steps of instruction. The protocol can be used by individual teachers or within professional learning communities.

Formats include individual or series of web seminars, as well as virtual workshops, using both synchronous and asynchronous strategies.

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• No matter the size of your district, we have options to meet your professional learning (PL) needs
• Use of NSTA website and Private Cohort
• Curriculum-Based PL that integrates equity and social justice
• Mentoring for District, School Leadership (Curriculum Supervisors, Instructional Coaches, Principals), and Teacher Leaders.
• Ongoing support for the School/District Leadership Team
• Virtual Instructional Coaching for implementation of curriculum and enactment of strategies to support equity.

• Use of Asynchronous PL Units and District Administrator Online Dashboard to track and support teacher progress.
• Professional Learning Bundles with Resources for personalized PL (NSTA has a menu of book and topic studies)
• Become an NSTA District Partner: Participate in PL web seminars through the year focused on American Rescue Plan (ARP) topics, Digital Formative Assessment Probes, Membership to NSTA, Cohort Resources, and Community Areas.
• Mentoring support in contemporary research in science education to reimagine your existing curriculum.

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NSTA has the professional learning opportunities and resources your teachers of science need to continue on their professional learning path

Take your school or district to the next level with a cost-effective NSTA membership that will provide a vast amount of digital resources, customized professional learning for all your teachers, and yearlong access to online leaders and mentors.

The School Partner Program (SPP) is ideal for teachers in one school building, where the number of teachers of science is at least 20 individuals. The District Partner Program (DPP) is ideal for teachers in one school building, where the number of teachers of science is less than 20 individuals. The DPP is also ideal for a cohort composed of individual teachers from more than one school. Both SPP and DPP require an administrator as part of the cohort. The minimum number of participants in a cohort is five.

All School & District Memberships Include:

- Interactive E-Books+ Professional Collection
- Journals
- Daily Do Lesson Plans
- Monthly Professional Learning Web Seminars
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All the features of the school district partner program plus

- NSTA Collections of resources targeting learning loss, distance learning, and literacy integration
- Exclusive access to 24 NSTA Professional Learning sessions for all your teachers that address learning loss, distance learning, and literacy integration with science/STEM and equity and social justice.
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The American Rescue Plan COVID relief for K–12 schools provides funding so that districts and schools can address the significant academic needs of students.

The NSTA School and District Learning Package includes science and STEM lesson plans, resources for students, resources that integrate science and literacy instruction, customized professional learning for all your teachers, science standards resources, NSTA membership, and so much more that will help you focus on the immediate challenges of learning loss and recovery caused by the pandemic and will meet your long-term goals of providing high-quality science education through the lens of equity and social justice.

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