

# Kendall Hunt

## Kendall Hunt Response to EdReports Review of **Discovering Mathematics**

We have found the process of working with the EdReports team to be valuable and productive, and we are pleased that their review of the Discovering Mathematics series finds that it meets the expectations for both alignment and usability. Our focus in developing the current editions of the *Discovering Algebra*, *Discovering Geometry* and *Discovering Advanced Algebra* was:

- Attending to the full intent of the mathematical content of the CCSS standards
- Achieving the appropriate development of both conceptual understanding and procedural fluency
- Engaging students at the appropriate level required by the high school CCSS standards

The reviewers at EdReports recognize that the Discovering Mathematics series fully attends to the intent of the focus, coherence and rigor of the mathematical content standards and the modeling process standards. Kendall Hunt also provides valuable teacher resources and excellent professional development for each course in the series. To learn more about Discovering Mathematics visit <https://view.publitas.com/kendall-hunt-publishing-company/discovering-mathematics-overview-brochure/page/1>

Throughout its history, Kendall Hunt has recognized the value of curriculum that incorporates problem solving, real-world applications, conceptual understanding, and mathematics as sense making. When students are given the opportunity to be actively involved in their own understanding of mathematics, they become better problem solvers and develop a deeper understanding of the concepts. Scientific research supports these pedagogical approaches that are central to our Discovering Mathematics series and the Common Core State Standards.

With ***Discovering Algebra***, students solve problems, make sense of complex situations, and develop mathematical skills in a meaningful and retrievable way. The book's strength lies in the way it connects mathematical content and practices. Students will not only learn a mathematical procedure, but will be able to justify why it works.

***Discovering Geometry*** helps students develop inductive and deductive reasoning skills by creating conjectures, and reporting and justifying conclusions as they explore the principles of geometry. Congruence, similarity, and symmetry are studied from the perspective of geometric transformation to create connections within the math progression of CCSS.

***Discovering Advanced Algebra*** builds upon the foundation of Discovering Algebra to help all learners further develop algebraic skills along with a strong conceptual understanding of Algebra 2. The investigative approach keeps students engaged as they use mathematical functions to model real-world data, answer questions, and make predictions.

## Pacing

Appropriate pacing of the Discovering Mathematics books, as well as any curriculum resource, is dependent on a large number of variables. Student demographics, testing schedules, need for review/remediation, and familiarity with the inquiry pedagogy widely vary from district to district. As a result, rather than providing a standard pacing guide for each book, we will work with the instructional leadership of your district or school to create a custom pacing guide based on your goals and needs. Moreover, we will work with you during your continued implementation, as pacing may need to be adjusted as these variables change.

## The Ability to Customize

To further meet the individual needs of schools and districts, Kendall Hunt has moved to a model of creating customized books for schools and districts. This allows schools and districts to design a custom book that aligns exactly to their curriculum. For example, we have created a library of lessons to address the STEM (+) standards of CCSS that are not part of our core book, but can be added to a custom book. Whether schools are customizing images or adding supplemental materials, our goal is to help make the textbook feel like it is truly YOURS. Details on how this works can be found at [www.createcustomizeadopt.com](http://www.createcustomizeadopt.com)

## Conclusion

Kendall Hunt invites you to explore the Discovering Math series! Visit <https://www.flourishkh.com/main/request-demo> to request a free trial of *Discovering Algebra*, *Discovering Geometry* and/or *Discovering Advanced Algebra*. You will see for yourself that the Discovering Mathematics content and pedagogy are supported by scientific research and are written to the Common Core State Standards of Mathematics, with the Common Core Standards of Mathematical Practice at its core.

Please contact us to discover more, [K12info@kendallhunt.com](mailto:K12info@kendallhunt.com).