

IPS High School Families:

High school math courses at Indianapolis Public Schools are getting a new textbook for the 2022–23 school year. Your participation in the adoption process is important to ensuring the vision and mission of IPS.

- First, you will choose between two curricula, Carnegie Learning and Illustrative Math.
- Next, you will choose between two versions of Illustrative Math. The print materials are the same, but the online platforms differ.

Please review the texts IPS is considering and cast your vote. **Voting ends January 14, 2022.**

[**CLICK HERE TO CAST YOUR VOTE!**](#)

Each publisher has provided a description of their product for you to consider:

Carnegie Learning

The Carnegie Learning Indiana High School Math Solution series is designed as a world class instructional resource. It is fully aligned to the high expectations of the Indiana Standards for Mathematics, ensuring both vertical and horizontal alignment through the courses. These high-quality materials focus on developing the Mathematical Process Standards and are designed for all students.

The series seamlessly integrates collaborative, active and effortful learning with independent learning through print, consumable MATHbooks and adaptive MATHia software. This approach to blended learning ensures students learn math in a way that builds social skills, along with mathematical thinking and reasoning skills, and pushes them to achieve conceptual understanding as part of a community and individually. The instructional designers worked alongside master math practitioners, cognitive scientists, and researchers to intentionally design, draft, debate, test and refine every piece incorporating the latest in learning science throughout every step of the learning process.

Student materials include the:

- MATHbook student edition — in print and e-text versions
- MATHia software, videos
- LiveHint tutor bot
- Skills Practice

Resources are flexible for both in-person and virtual learning environments.

Teacher materials include the Teacher's Implementation Guide, lesson presentation slides, editable lesson resources, MyPL videos, formative and summative assessments, MATHia teacher license with reports and LiveLab class management app, the Edulastic assessment suite, and more.

Carnegie Learning provides a robust selection of professional development that may be tailored to the needs of IPS. Our goal is to help you focus your time and efforts on what matters most, your students.

Kendall-Hunt Illustrative Math

We are a proud partner of Illustrative Mathematics (IM) and we provide the ONLY FREE, digital IM Certified high school math curriculum. In addition to the free digital content, we also provide IM Certified Professional Learning as well as print materials and manipulative kits.

IM Algebra 1, Geometry, and Algebra 2 are problem-based core curricula rooted in content and practice standards to foster learning and achievement for all. Students learn by doing math, solving problems in real-world contexts, and constructing arguments using precise mathematical language. Teachers can shift their instruction and facilitate student learning with high-leverage routines that guide them in understanding and making connections between concepts and procedures.

IM 9-12 Math has received the highest ratings on all three gateways (focus, coherence, and rigor) from EdReports, an independent, a non-profit organization that evaluates educational materials. We look forward to working together and helping Indianapolis Public Schools meet the needs of their teachers and students.

McGraw-Hill Illustrative Math

Illustrative Mathematics is a problem-based curriculum designed to address content and practice standards to foster learning for all. The program is based on decades of research showing that if students are given a chance to notice and wonder while trying to solve a problem, they retain procedural skills, develop problem-solving skills, build conceptual understanding, and form a mental framework for how ideas fit together. It allows students to develop strategies for tackling non-routine problems while engaging in productive struggle.

Using Illustrative Mathematics, students are encouraged to see what they can figure out before having things explained to them or being told what to do. Lessons flow around a coherent design of invitation to mathematics, exploration of the mathematics, and synthesis of the mathematics. In the lesson structure you see this design through a four-part lesson – a warm up, an activity, a lesson synthesis, and a cool down.

The Algebra 1 level has an additional support class that was created to provide direct support for all the lessons in Algebra 1. This can be used as a separate remediation class or in block schedules. The Support Materials give students opportunities to access grade-level mathematics in age-appropriate contexts.

Learnzillion Illustrative Math

Edgenuity's problem-based curriculum makes rigorous high school mathematics accessible to all learners. In this program, students spend most of their time in class working on carefully crafted and sequenced problems. Teachers help students understand the problems, ask questions to push their thinking, and orchestrate discussions to be sure that the mathematical takeaways are clear.

Curriculum features include:

- Lesson summaries describe the key mathematical concepts of the lesson and provide familiar examples. Students can use this resource to check their understanding of the day's topics.
- Practice problems help students apply their knowledge and build their confidence and skills. Some problems relate to the content of the current lesson, while others revisit concepts from previous lessons or units. This method helps students retain information over time.
- Learning targets summarize the goals of the lesson. These learning targets can be used as a self-assessment tool.
- Family support materials give an overview of the unit's content and provide a problem to work on with your student. Many students and families tell us that becoming more active learners in math helped them

build skills to take responsibility for their learning in other settings. Our program will support your student in their journey toward enjoying mathematics.

[CLICK HERE TO REVIEW THE MATERIALS YOURSELF!](#)

Informational videos and a Q&A session with each publisher can be found below:

- [Q&A session with Carnegie Learning](#)
- [Q&A session with Learnzillion](#)
- [Q&A session with Kendall-Hunt](#)
- [Q&A session with McGraw-Hill](#)