



About Open Up Resources

Open Up Resources (OUR) is a non-profit publisher in pursuit of delivering equitable learning experiences for all students. Founded in 2015, OUR began as the K–12 OER Collaborative, a 13-state initiative to address quality gaps in the curriculum market.

What started as a promise to ensure high-quality curriculum was openly accessible has grown into an organization that supports educators through many facets of teaching and learning. Through access to best-in-class, research-based Pre K–12 curricula and materials, a robust peer community, and ongoing professional learning, Open Up Resources goes beyond opening the door and provides educators the tools to transform their classrooms into communities of student achievement and education equity where all students are celebrated, honored, and empowered with a keen focus on historically excluded student populations.

Mathematical Foundations of the Curriculum

The *Open Up Resources 6-8 Math, 3rd Edition* curriculum was designed around the principle that students should spend time in mathematics class *doing* math. As a problem-based curriculum, these materials give students daily opportunities to make sense of problems and persevere in solving them. At the appropriate time in the development of mathematical ideas, students are expected to make mathematical arguments, critique the reasoning of others, and attend to precision in their use of language. Throughout the materials, students encounter tasks that require them to reason abstractly and quantitatively, look for and make use of structure, and express regularity in repeated reasoning.

These materials carefully and deliberately engage students in all three aspects of rigor: conceptual understanding, procedural fluency, and application of mathematics. Focusing on conceptual understanding helps students grasp the “why” behind the “how.” Students can use different strategies and representations to consolidate their conceptual understanding by using more efficient methods, supporting the shift toward procedural fluency. Procedural fluency is developed over time, and distributed practice supports this development. As the materials progress, students have increasingly sophisticated opportunities to model with mathematics, which supports their ability to apply mathematical or statistical concepts and skills to a novel situation.

The materials present students with examples of mathematical or statistical ideas set in various real-world and mathematical contexts before they are named and studied as objects in their

own right. For example, in the beginning of interacting with a new idea, students have the space and time to play with the idea in intuitive ways and talk about it in terms that make sense to them, rather than in formal terms. Later, formal language is introduced and connected to these informal experiences.

It is common to see mathematical representations used as tools for problem-solving. This is valuable when the representations are linked to developing understanding, but representations can also be productive tools for understanding. This curriculum makes heavy and thoughtful use of representations to support both objectives. When appropriate, representations are introduced from more concrete to more abstract. Any representation introduced is connected to symbolic methods. Students are encouraged to use representations that make sense and connect their existing understanding to more efficient methods.

Open Up Resources 6–8 Math, 3rd Edition is more than a textbook. It is a curriculum with daily lessons and problems written to ensure that students obtain procedural fluency built from conceptual understanding. The daily lessons are naturally differentiated based upon the nature of student thinking in the classroom so that all students can access mathematics with the opportunity for challenge and extension for those who need it. It is accessible for every child because it intentionally includes strategies for all learners as they work to meet grade-level standards. Specifically, effective supports for Multilingual Learners and Students with Disabilities are strategically included in the teacher resources to guide instruction that includes all learners.

We know that learning extends beyond the walls of the school building. For each section, families receive information about what their student is working on, along with extension activities for home.

Open Up Resources understands that curriculum alone cannot make the changes schools desire in their student learning. We know a comprehensive implementation plan with professional learning is necessary to implement with integrity.

Professional Learning Support

At Open Up Resources, we understand that powerful professional learning is responsive to the individual needs of schools and districts. Often, the specific professional learning needs of districts, schools, and teachers do not fit into a traditional professional development model. Our professional learning offerings strive to meet teachers where they are in their implementation journey of the *Open Up Resources 6–8 Math* curriculum with continuous, customized support.



Teachers play a central role in the social and emotional aspects of student learning. Beginning with a shift in mindset, empowering teachers is essential. OUR professional learning is designed to inspire and push teachers towards adopting a growth-oriented perspective, fostering resilience, embracing change, and humanizing mathematics. Through a blend of workshops and resources, we cultivate a culture where teachers become agents of change, seeking new approaches to education. We support teachers in redefining education by reshaping the way teachers think, learn, and inspire to enrich student experiences and elevate learning outcomes.

OUR professional learning empowers teachers to be decision-makers and advocates in their classrooms. All sessions and workshops build lasting confidence and skills in educators and leaders, which transfers to highly effective teaching practices, understanding of curriculum content, and informed and data-driven decision-making. In our professional learning post-event surveys, respondents marked their satisfaction with the content of the professional learning at an average of 9.3 out of 10.

Implementation Support

We offer comprehensive implementation services and support:

Flexible Classroom Deployment

Our curriculum is available in both digital and print formats, allowing districts the flexibility to choose a fully digital, fully print, or mixed approach to implementation.

Affordable Print Materials

We offer full-color print materials that are delivered to schools in convenient class sets. Because we negotiate deeply discounted print rates, districts find our print materials offer significant savings versus self-printing options, though we also provide free print-ready files via our website.

Multiple Digital Access Options

For 1:1 classrooms, we offer many ways to access the curriculum:

- **Website Access (access.openupresources.org):** Accessible to students, teachers, and caregivers. Registered teachers have access to printable and editable downloads.
- **Learning Management Systems Integration:** Our Common Cartridge files support LMS integration.



- **Canvas LMS Integration:** With role-specific support solutions, we offer a free Student export, a paid Teacher export, and a paid Premium (tailored) export.
- **Digital Classroom Platform:** Integrates curriculum management, instruction, assessment, and communication tools.

Classroom Kits

Our grade-level specific kits include all necessary curriculum manipulatives, ensuring that teachers have everything they need for effective instruction.