

Montana's New Math Standards

What School Counselors Need to Know

ONLINE RESOURCES



Why Did We Update the Math Standards?

We updated the math standards to make them clearer, more useful, and better for students, families, and educators.

- **Based on New Research:** The standards now include the latest ideas on how students learn math best, with new ways to teach and learn math that connect to students' lives.
- **Keeping Up with Today's World:** The standards include skills students need, like understanding data, using technology, and exploring jobs in trades and careers.
- **Easier to Understand:** We removed unnecessary details so teachers, students, and families can understand and use the standards better.

What's Different?

- Students can choose math courses that match their career goals, whether they are headed to a four-year college, technical school, apprenticeship, military, or direct entry into the workforce.
- Guidance documents show how the standards align with various math courses, helping you advise students on the best options for their goals.
- Math standards emphasize skills that support success in any career field.
- Standards are designed to meet the needs of all students, including those pursuing advanced coursework or needing additional support.
- Instructional examples of certain standards are required to connect math to local communities and Montana's Indigenous Peoples, enriching student understanding.

How School Counselors Can Support Implementation:

- Refer to the pathways and course recommendations documents to help students choose the right math courses for their career goals.
- Help students explore math pathways that align with their interests.
- Guide students toward dual credit or Advanced Placement (AP) courses where available.
- Share information with families about the new math pathways and how they support student success.
- Access guidance documents and professional development to stay current on how the new standards impact student course options.
- Help students understand how math connects to their future goals and how they can take charge of their learning.

High School Pathways

Course Codes and Standards Alignment Recommendations

