Susie Hedalen, Superintendent
PO Box 202501
Helena, MT 59620-2501

Phone: 406.444.36803
opi.mt.gov

Math Content Standards - Economic Impact - Superintendent Budget Request

January 2025

What is the ask from the BPE?

- Please consider this letter as the formal request from the Board of Public Education to the Superintendent of Public Instruction to include a request in the Superintendent's Budget to support curriculum, staffing, professional learning, and time for implementation of the proposed revisions to the Mathematics Content Standards.
- BPE Request for Budget Inclusion

What are critical related ARM and MCA?

20-7-101 - Accreditation Standards -- Process For Adoption

- (3) Prior to adoption or amendment of any accreditation standard, the board shall submit each proposal, including the economic impact statement required under subsection (1), to:
    - (a) during a regular legislative session, the joint appropriations subcommittee on education; or
    - (b) during the legislative interim, the education interim budget committee established in 5-12-501, for review at least 1 month in advance of a scheduled committee meeting.
- (4) Unless the expenditures by school districts required under the proposal are determined by the appropriate committee under subsection (3) to be insubstantial expenditures that can be readily absorbed into the budgets of existing district programs, the board may not implement the standard until July 1 following:
    - (a) under subsection (3)(a), the current legislative session; or
    - (b) under subsection (3)(b), the next regular legislative session and shall request the superintendent of public instruction include a request in the superintendent's budget that the same legislature fund implementation of the proposed standard.

10.55.603 - Accreditation - Curriculum and Assessment

- (4) For content standards in all program areas pursuant to the requirements of ARM 10.55.602, school districts shall:
    - (a) establish curriculum and assessment development processes as a cooperative effort of personnel licensed and endorsed in the program area and trustees, administrators, other teachers, students, specialists, families, community members, and, when appropriate, tribal representatives and state resource staff;
    - (b) **review curricula at least every five years** or consistent with the state's standards revision schedule, and modify, as needed, to meet the goals of the integrated strategic action plan pursuant to ARM 10.55.601;
    - (c) **review materials and resources necessary for implementation of the curriculum and assessment at least every five years**, or consistent with the state's standards revision schedule that are consistent with the goals of the integrated strategic action plan pursuant to ARM 10.55.601; and
    - (d) review curricula and instructional materials and resources to ensure the inclusion of the distinct and unique cultural heritages and contemporary portrayal of American Indians

Math Content Standards Revisions - Critical Documents

- Summary of Math Content Standards Revisions
- Economic Impact Statement - Math Revisions

Summary of Economic Impact Statement - OPI Analysis

- No need for additional funding to hire more K-12 School Staffing
- Limited to no additional funding needed for K-8 curricular materials
- Identified need for additional funding for 9-12 HQIM curricular materials and resources due to significant changes in the HS content standards, for example, Applied Mathematics for Industry & Trades pathway, Data Science integration into the HS standards with the third-year addition in mind.
- Math Standards - Pathway Guidance
- Identified need for additional funding to support professional learning to create pathways, review course alignment to standards,

design intentional learning frameworks connecting WBL/Job Embedded opportunities to curriculum, and guidance document development

- Identified need for professional learning on K-12 Mathematical Practices revisions Identified need for guidance document development for Indian Education for All math standards alignment.

Cost Considerations:

Funding Request - Learning Frameworks Guidance Document Creation or Procurement cross walking standards for additional math pathways.

- Content Creation for High School Learning Frameworks for Trades/Industry/Data Science Focused Guidance.
  - $275/day/participant + $325 daily Stipend
  - X 25 Task Force Members
  - X 20 Days
  - **Estimated Cost: $137,500 + $162,500= $300,000**
  - **Collaboration with Industry partner meetings for recognition of the course work in apprenticeship and other pathways.**
  - **Estimated Cost: $200,000**

PD Estimated Cost: 4 Days of Professional Learning - $1,450,000

Estimated Costs for Professional Learning:

Metric	Value
Number of Districts in Montana	*403*
Estimated Cost of Professional Development per Day	*$1,800 - $3,000 per day*
Total Cost of Professional Development for 2 Days	*$725,000 - $1,209,000*
Total Cost of Professional Development for 4 Days	*$1,450,000 - $2,418,000*

Funding Request: Supplemental Materials to Support High School Standards Update

Resources for unique learning opportunities to support curricula in alignment with standards revisions to include data science, trades/industry, STEM, apprenticeships, work-based learning opportunities, etc.

Estimated Cost: $250,000

Additional support directed to Middle School PD for increasing content knowledge experts. Potential for a math certificate program or graduate level credits in collaboration with OCHE and our community colleges.

Total Cost: $7500,000

Funds for districts to purchase materials for additional math pathways

5,000 students at $200 per student. (11,000 students per grade level)

Year 1 distribution $100,000,000 Year 2 distribution $100,000,000

Total Cost: $200,000,000

ESTIMATED FUNDING REQUEST:	
Learning Frameworks Guidance Document Creation or Procurement cross walking standards for additional math pathways.	**$300,000**
Collaboration with Industry partner meetings for recognition of the course work in apprenticeship and other pathways.	**$200,000**
PD Estimated Cost Days of Professional Learning	**$1,450,000**
Supplemental Opportunities/Application Work-based	**$300,000**
Middle School PD for increasing content knowledge experts	**$750,000**
Districts purchase materials for additional math pathways	**$2,000,000**
	$5,000,000