

BHMSD Math Curriculum Development and Support 2024

In 2020, the Indiana Department of Education (IDOE) adopted the Indiana Academic Standards for Mathematics. The Indiana Academic Standards are a set of guidelines for what students in Indiana should know and be able to do in various subjects, including English language arts, mathematics, science, social studies, and others. These standards help educators determine what content and skills should be taught in each grade level and provide a basis for evaluating student performance and progress. The information in this document provides required information related to HEA 1590: Various Education Matters to publish a list of high quality curricular materials for STEM subjects which includes math.

Links to the [Indiana Academic Standards](#)

Indiana also developed frameworks for the standards and the process standards which can be found in the [Indiana Learning Lab](#) and below:

Frameworks:

- [Kindergarten 2023 Math Framework](#)
- [1st Grade 2023 Math Framework](#)
- [2nd Grade 2023 Math Framework](#)
- [3rd Grade 2023 Math Framework](#)
- [4th Grade 2023 Math Framework](#)
- [5th Grade 2023 Math Framework](#)
- [6th Grade 2023 Math Framework](#)
- [7th Grade 2023 Math Framework](#)
- [8th Grade 2023 Math Framework](#)
- [Algebra 2023 Framework](#)
- [Algebra II 2023 Framework](#)
- [Analytical Algebra II 2023 Framework](#)
- [Geometry 2023 Framework](#)
- [PreCalculus: Algebra Framework](#)
- [Calculus Framework](#)
- [K-2 Math Process Standards](#)
- [3rd-5th Grade Math Process Standards](#)
- [6th - 8th Math Process Standards](#)
- [9th - 12th Math Process Standards](#)

Current Math Resources Utilized at BHMSD

Grade Level	Core Program	Supplemental Materials
Kindergarten	McGraw-Hill Reveal Math (2022)	Redbird
Grade 1	McGraw-Hill Reveal Math (2022)	Redbird
Grade 2	McGraw-Hill Reveal Math (2022)	Redbird
Grade 3	McGraw-Hill Reveal Math (2022)	Redbird
Grade 4	McGraw-Hill Reveal Math (2022)	ALEKS

Grade 5	McGraw-Hill Reveal Math (2022)	ALEKS
Grade 6	McGraw-Hill Reveal Math (2022)	ALEKS
Grade 7	McGraw-Hill Reveal Math (2022)	ALEKS
Grade 8	McGraw-Hill Reveal Math (2022)	ALEKS
Algebra I	McGraw-Hill Reveal Math (2022)	ALEKS
Algebra II	McGraw-Hill Reveal Math (2022)	ALEKS
Geometry	McGraw-Hill Reveal Math (2022)	ALEKS
Pre-Calculus	Precalculus, Larson, Cengage	ALEKS
Calculus	Wiley Plus	ALEKS

Math Assessments

Grade Level/Course	Assessments Utilized	Timeframe
K-8	NWEA MAP	3x/year (Fall, Winter, Spring)
K-12	McGraw-Hill Benchmark/Assessments; End of chapter/topic assessments	As needed in classrooms
3-8	ILEARN - IDOE annual assessment	April/annually
9	PSAT 8/9	Annually
10	PSAT	Annually
11-12	SAT	Annually

BHMSD believes all students can learn and should have multiple opportunities to be successful. All students are in the Multi-tiered Systems of Support MTSS process and needs are addressed accordingly:

Tier 1: Universal

All students receive high-quality classroom curriculum through whole group, small group differentiated instruction, teacher-designed interventions by the classroom teacher within the general education setting.

Tier 2: Supplementary

In addition to classroom instruction, students identified as needing intervention receive supplemental instruction aligned to the core curriculum that targets specific area or areas of need. Progress is monitored to determine improvement.

Tier 3: Intensive

In addition to classroom and supplemental instruction, students needing intensive instruction to target specific skill deficits receive intensive instruction. Progress is monitored to determine improvement.

Tier 2 Math Supplemental Interventions may include:

BHES	BMS	BHS
Classroom Interventions - Reveal Math Interventionist Groups	Tiger Club Math - TCM, Flex Period	At-risk Coordinator, Reading Interventionist, Homeroom assignment, and Basic Skills, Analytical Algebra II
		Study Tables

Tier 3 Math Supplemental Interventions may include:

BHES	BMS	BHS
MTSS Assigned Intervention - Bridges Classroom Interventions	MTSS Assigned Intervention - Bridges	At-risk Coordinator, Reading Interventionist, Homeroom assignment, and Basic Skills

BHMSD provides identified high ability students opportunities as noted in the [High Ability Program Guide](#).

Questions about curriculum materials may be directed to the building principal and/or the assistant superintendent:

BHES: Schlaura Linderwell, slinderwell@bhmsd.org

BMS: Stacy Herrold, sherrold@bhmsd.org

BHS: Steve Baker, sbaker@bhmsd.org

Ass't Supt: Julie Meitzler, jmeitzler@bhmsd.org