

# MIDDLE SCHOOL MATHEMATICS ENDORSEMENT

Application for the Utah State Board of Education

## Applicant Information

Name: \_\_\_\_\_ CACTUS ID: \_\_\_\_\_

E-mail: \_\_\_\_\_

## Purpose

The purpose of this Middle School Mathematics Endorsement, when attached to one of the licenses specified below verifies that an individual has the skills and knowledge necessary to teach the following courses:

Attached to an Elementary Teaching License:

- Math 6 (in a Middle School setting)
- Math 7
- Math 7 Extended
- Math 8
- Math 8 Extended

Attached to a Secondary Teaching License:

- Math 6 (in a Middle School setting)
- Math 7
- Math 7 Extended
- Math 8
- Math 8 Extended
- Secondary Mathematics I
- Secondary Mathematics I Extended

## Endorsement Requirement Areas

The Middle School Mathematics Endorsement has the following 2 competency areas:

- Area #1: Mathematics Content Knowledge
- Area #2: Dispositions, Skills, and Pedagogy

An applicant may qualify for a **Professional Endorsement** when they have demonstrated competency in all requirements for both Area #1 and Area #2.

An applicant may qualify for an **Associate Endorsement** when they have:

- Demonstrated competency in at least one of the two areas

OR

- Completed at least 9 credit hours of coursework towards the Endorsement (or other competency area equivalent).

For more information regarding endorsement requirements including the National Board Certification, the Presidential Award for Excellence in Mathematics and Science Teaching, and a list of approved courses and their corresponding course numbers from Utah Institutions of Higher Education, please see the [Middle School Mathematics Endorsement Specifications](#).

## Area #1: Middle School Mathematics Content Knowledge

The requirements for Area #1: Middle School Mathematics Content Knowledge can be met through earning a bachelor's degree with a minor in mathematics, or passing the Praxis 5161 or Praxis 5165, or earning an Early Adolescent National Board Certification in Mathematics (EA NBCT), or earning a Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST), or completing specific university/college courses.

Please indicate the way you have met the requirements for Area #1 by selecting the appropriate checkbox and entering the corresponding information.

☐ I have earned a bachelor's degree from an accredited higher education institution with a minor in Mathematics or related field.

- Name of University: \_\_\_\_\_
- Degree Earned: \_\_\_\_\_
- Year of Graduation: \_\_\_\_\_

OR

☐ I have earned an Early Adolescence National Board Certification in Mathematics (EA NBCT).

- Year Completed: \_\_\_\_\_

OR

☐ I have earned a Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST).

- Finalist or Awardee: \_\_\_\_\_
- Year Completed: \_\_\_\_\_

OR

☐ I have passed one of the following PRAXIS Exams:

☐ PRAXIS 5161 - Utah passing score is 160 or above.

Date Completed: \_\_\_\_\_ Score: \_\_\_\_\_

☐ PRAXIS 5165 – Utah passing score is 152 or above.

Date Completed: \_\_\_\_\_ Score: \_\_\_\_\_

OR

☐ I have passed the following university/college courses to demonstrate competency for Middle School Mathematics Content Knowledge:

### College Algebra

☐ College Algebra Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ Calculus 1 Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

### Trigonometry

☐ Trigonometry Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ Calculus 1 Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

## Calculus I

☐ Calculus 1 Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ Conceptual Calculus Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

## Area #2: Middle School Mathematics Dispositions, Skills, and Pedagogy

The requirements for Area #2: Middle School Mathematics Dispositions, Skills, and Pedagogy can be met through earning a bachelor's degree in mathematics education, or earning an Early Adolescent National Board Certification in Mathematics (EA NBCT), or earning a Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST), or completing specific university/college courses.

Please indicate the way you have met the requirements for Area #2 by selecting the appropriate checkbox and entering the corresponding information.

☐ I have earned a bachelor's degree in mathematics education from a university/college:

- Name of University: \_\_\_\_\_
- Degree Earned: \_\_\_\_\_
- Year of Graduation: \_\_\_\_\_

OR

☐ I have earned an Early Adolescence National Board Certification in Mathematics (EA NBCT).

- Year Completed: \_\_\_\_\_

OR

☐ I have earned a Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST).

- Finalist or Awardee: \_\_\_\_\_
- Year Completed: \_\_\_\_\_

OR

☐ I have passed the following university/college courses or completed Microcredential Stacks to demonstrate competency for Middle School Mathematics Dispositions, Skills, and Pedagogy:

### Algebra for Secondary Mathematics Teaching

☐ Algebra for Secondary Mathematics Teaching Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ [Algebra for Secondary Mathematics Teaching Microcredential Stack](#)

Microcredential Courses: Building Procedural Fluency from Conceptual Understanding, Eliciting and Using Evidence of Student Thinking, Establishing Goals to Focus Learning, Facilitating Meaningful Mathematical Discourse, Implementing Tasks that Promote Reasoning and Problem Solving, Posing Purposeful Questions, Supporting Productive Struggle in Learning Mathematics, Using and Connecting Mathematical Representations

Month/Year Posted in MIDAS: \_\_\_\_\_

### Geometry for Secondary Mathematics Teaching

☐ Geometry for Secondary Mathematics Teaching Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ [Geometry for Secondary Mathematics Teaching Microcredential Stack](#)

Microcredential Courses: Content Standards, Connection to Other Standards, History, Misconceptions, Pedagogy, Technology

Month/Year Posted in MIDAS: \_\_\_\_\_

## Statistics and Probability for Secondary Mathematics Teaching

☐ Statistics and Probability for Secondary Mathematics Teaching Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ [Statistics for Secondary Mathematics Teaching Microcredential Stack](#)

Microcredential Courses: Assessment, Conceptual Underpinnings, Statistical Habits of Mind, Misconceptions, Statistical Literacy, Technology

Month/Year Posted in MIDAS: \_\_\_\_\_

## Middle School or Secondary Mathematics Teaching Methods

☐ Middle School or Secondary Mathematics Teaching Methods Course

University: \_\_\_\_\_

Course name: \_\_\_\_\_

Course code: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

OR

☐ [Secondary Mathematics Methods Microcredential Stack](#)

Microcredential Courses: Mathematical Modeling, Pedagogy, Reflective Assessment, Standards, Standards Progression, (Mathematical Educational) Technology

Month/Year Posted in MIDAS: \_\_\_\_\_

OR

- ☐ I have 3 or more years of experience teaching Secondary Mathematics
- Complete the [Verification of Educator Experience Form](#) as evidence of demonstrating competency for this requirement. Include the completed form with required documentation.

## Applicant's Signature

I certify that the information contained in this application is true.

- ☐ I have submitted any required documentation such as original transcripts, MIDAS transcripts, etc.
- ☐ Electronic transcripts must be sent directly from the College/University clearinghouse to the USBE Licensing Department at [transcripts@schools.utah.gov](mailto:transcripts@schools.utah.gov).

Educator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Application Submission

Please submit application online in the Utah Educator Licensing Application system, [Survey Monkey Apply](https://usbelicensing.smapply.us) (<https://usbelicensing.smapply.us>).