



Requirements for the Mathematics, K-8 Endorsement

Arizona Department of Education – Certification Unit

The Mathematics, K-8 Endorsement is optional, but recommended for an individual in the position of mathematics specialist, consultant, interventionist, or coach.

Mathematics, K-8 Endorsement

Requirements for the Mathematics, K-8 Endorsement are:

1. **Application:** Submission of a completed [Application for Certification](#) and the appropriate fee (see Application for Certification).
2. **AZDPS IVP fingerprint clearance card:** A photocopy of your valid [Arizona Department of Public Safety Identity Verified Prints \(IVP\)](#) fingerprint clearance card.
3. **Prerequisite Certificate:** A valid Arizona Elementary or Special Education Certificate
4. **Option A, B, or C**

Option A: Content Coursework, Education Coursework, and Teaching Experience.

A-1. **Content Coursework.** Eighteen semester hours of mathematics content coursework to include:

- Three semester hours of data analysis, probability and discrete mathematics;
- Three semester hours of geometry and measurement;
- Six semester hours of patterns, algebra and functions; and
- Six semester hours of number and operations.

A-2. **Education Coursework.** Six semester hours of mathematics education coursework to include:

- Three semester hours of mathematics classroom assessment;
- Three semester hours of research-based practices, pedagogy and instructional leadership in mathematics.

A-3. **Teaching Experience.** Verification of three years of full-time teaching experience in grades K-8.

Submit a [Verification of Teaching Experience](#) form signed by the District Superintendent or Personnel Director to verify teaching experience

Option B: Subject Knowledge Exam, Education Coursework, and Teaching Experience

B-1. **Subject Knowledge Exam.** One of the following:

- **AEPA/NES Exam:** A passing score on the NES/AEPA Mathematics, Mathematics (Middle Grades and Early Secondary), **or** Middle Grade Mathematics exam. Submit a photocopy of the score report.
- **Out-of-State Exam:** A passing score on a substantially similar Subject Knowledge examination from another state or agency. Submit an official score report (must include bar code) **or** an original official verification letter from the state agency that accepted the exam.
- **National Board Teaching Certificate:** A valid comparable certificate from the National Board for Professional Teaching in Mathematics. Submit a photocopy of the certificate.
- **Degree in Mathematics:** A Bachelor's, Master's, or Doctorate degree from an accredited institution in Mathematics. Submit official transcripts documenting the degree.
- **Teaching Experience:** Three (3) years of full-time, contracted teaching experience in any state, including Arizona, in Mathematics, grades 5 through 12. Note: Teaching in a foreign school will not be accepted. Submit a [Verification of Teaching Experience](#) form signed by the District Superintendent or Personnel Director to verify teaching experience.



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- **Post-Secondary Teaching Experience:** Experience teaching courses relevant to Mathematics for the last two consecutive years, and for a total of at least three years, at one or more regionally or nationally accredited postsecondary institutions. Submit a verification letter (on official letterhead) from a college or university department chair, dean, or personnel director, verifying employment for the specific durations from one or more qualifying postsecondary
- **Work Experience:** Demonstration of expertise in Middle Grade Mathematics through five years of relevant work experience. Submit a letter from an Arizona public-school Superintendent or Personnel/HR Director **or** a resume which details work experience of at least five years. Note: The Department will review your resume to determine if you have demonstrated expertise through five years of relevant work experience.

B-2. **Education Coursework.** Six semester hours of mathematics education coursework to include:

- Three semester hours of mathematics classroom assessment;
- Three semester hours of research-based practices, pedagogy and instructional leadership in mathematics.

B-3. **Teaching Experience.** Verification of three years of full-time teaching experience in grades K-8. Submit a [Verification of Teaching Experience](#) form signed by the District Superintendent or Personnel Director to verify teaching experience

Option C: Out of State Certificate or Endorsement.

C-1. A valid, comparable Mathematics, K-8 Certificate or Endorsement in another state and is in good standing with that other state. Submit a photocopy of your out-of-state certificate or endorsement

Application Checklist

- Completed [Application for Certification](#)
- Appropriate Fee (See Application for Certification)
- A photocopy of your valid Arizona DPS IVP fingerprint clearance card.
- Valid Prerequisite Standard Professional Teaching Certificate
- Documentation to meet Requirement # 4 (Option A, B, or C)

Option A. The following documents are required:

- Official transcript(s) documenting the required mathematics content and mathematics education coursework; **and**
- A [Verification of Teaching Experience](#) form, completed, signed and submitted by the District Superintendent or Personnel Director, verifying the required teaching experience

Option B. The following documents are required:

- Appropriate documentation to meet the Subject Knowledge exam requirements; **and**
- Official transcript(s) documenting the required mathematics education coursework; **and**
- A [Verification of Teaching Experience](#) form, completed, signed and submitted by the District Superintendent or Personnel Director, verifying the required teaching experience.

Option C. Submit a photocopy of your out of state certificate.