

REQUIREMENTS FOR THE  
**Mathematics Endorsement, K-8**  
ARIZONA DEPARTMENT OF EDUCATION – CERTIFICATION UNIT

*The Mathematics Endorsement is optional for all K through eight teachers, but recommended for an individual in the position of mathematics specialist, consultant, interventionist or coach.*

➤ **Mathematics Endorsement, K-8**

*The endorsement shall be automatically renewed with the certificate on which it is posted.*

**Requirements for the Mathematics Endorsement, K-8 are:**

1. Completed [Application for Certification](#).
2. Appropriate Fee (See Application for Certification)
3. A photocopy of your valid Arizona Department of Public Safety Identity Verified Prints (**IVP**) fingerprint card. For more information, visit <http://www.azed.gov/educator-certification/fingerprint-clearance-card-ivp/>
4. A valid Arizona Elementary or Special Education certificate
5. Option A, B or C.

**Option A:**

1. Eighteen semester hours of mathematics content coursework to include:
  - a. Three semester hours of data analysis, probability and discrete mathematics;
  - b. Three semester hours of geometry and measurement;
  - c. Six semester hours of patterns, algebra and functions; and
  - d. Six semester hours of number and operations.
2. Six semester hours of mathematics education coursework to include:
  - a. Three semester hours of mathematics classroom assessment;
  - b. Three semester hours of research-based practices, pedagogy and instructional leadership in mathematics.
3. Three years of full-time teaching experience in grades K through eight. Submit a [Verification of Teaching Experience](#) form signed by the District Superintendent or Personnel Director to verify teaching experience.

**Option B:**

1. Subject Knowledge Middle Grade Mathematics Exam  
**One** of the following:
  - **Exam:** A passing score on the NES/AEPA Mathematics, Mathematics (Middle Grades and Early Secondary), **or** Middle Grade Mathematics exam.
  - **Out-of-State Exam:** A passing score on a substantially similar Subject Knowledge Middle Grade Mathematics examination from another state or agency. Submit the original score report at time of application
  - **NBCT:** A valid comparable certificate from the National Board for Professional Teaching Standards in Mathematics, Early Adolescence **or** Mathematics, Adolescence and Young Adulthood. Submit a copy of the certificate.
  - **Degree in Mathematics:** A Bachelor's, Master's, or Doctorate degree from an accredited institution in Mathematics. Official transcript(s) required.
  - **Teaching Experience:** Three (3) years of full-time teaching experience in any state, including Arizona, in Mathematics, grades PreK through 12. Submit a [Verification of Teaching Experience](#) form signed and completed by the district superintendent or personnel director to verify teaching experience. *Note: Teaching experience in a foreign country will **not** be accepted.*

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- **Post-Secondary Teaching:** 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 from a department chair, dean, or personnel director, verifying employment for the specific durations from one or more qualifying postsecondary institutions.
  - **Work Experience:** Demonstration of expertise in Middle Grade Mathematics through five years of relevant work experience. “Work experience” means work experience identified in the submission of a resume verified by a hiring public school superintendent, personnel director, or the Department of Education which demonstrates knowledge or skills relevant to the subject area. Submit a verification letter from a public school superintendent or personnel director verifying that you have at least five years of relevant work experience in the requested subject area, if applicable.
2. Six semester hours of mathematics education coursework to include:
    - a. Three semester hours of mathematics classroom assessment;
    - b. Three semester hours of research-based practices, pedagogy and instructional leadership in mathematics.
  3. Three years of full-time teaching experience in grades K through eight. 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**

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