# K-6 Teacher Elementary ClassroomIowa Department of Education Endorsement Worksheet

**Endorsement 102: Teacher—kindergarten through grade six.**

Growth and development. Child growth and development with emphasis on the emotional, physical and mental characteristics of elementary age children unless completed as part of the professional education core.

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
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At least nine semester hours in literacy development, which will include:

(1) Content:

1. Oral and written communication development; and linguistics, including phonology and phonological awareness, sound-symbol association, syllable types, morphology, syntax and semantics, and the relationship of these components to typical and atypical reading development and reading instruction;

2. Phonemic awareness;

3. Word identification, including phonics and orthography;

4. Fluency;

5. Vocabulary;

6. Comprehension;

7. Writing mechanics;

8. Writing conventions;

9. Writing process;

10. Children’s literature.

(2) Methods:

1. Assessment, diagnosis and evaluation of student learning in literacy, including the knowledge of the signs and symptoms of dyslexia and other reading difficulties;

2. Integration of the language arts (to include reading, writing, speaking, viewing, and listening);

3. Integration of technology in teaching and student learning in literacy;

4. Current best-practice, research-based strategies and instructional technology for designing and delivering effective instruction, including appropriate interventions, groupings, remediation, assistive technology, and classroom accommodations for all students including students with dyslexia and other difficulties;

5. Classroom management as it applies to literacy methods;

6. Pre-student teaching clinical experience in teaching literacy.

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At least nine semester hours in mathematics, which will include:

(1) Content:

1. Numbers and operations;

2. Algebra/number patterns;

3. Geometry;

4. Measurement;

5. Data analysis/probability.

(2) Methods:

1. Assessment, diagnosis and evaluation of student learning in mathematics;

2. Current best-practice, research-based instructional methods in mathematical processes (to include problem-solving; reasoning; communication; the ability to recognize, make and apply connections; integration of manipulatives; the ability to construct and to apply multiple connected representations; and the application of content to real-world experiences);

3. Integration of technology in teaching and student learning in mathematics;

4. Classroom management as it applies to mathematics methods;

5. Pre-student teaching clinical experience in teaching mathematics.

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At least nine semester hours in social sciences, which will include:

(1) Content:

1. History;

2. Geography;

3. Political science/civic literacy;

4. Economics;

5. Behavioral sciences.

(2) Methods:

1. Current best-practice, research-based approaches to the teaching and learning of social sciences;

2. Integration of technology in teaching and student learning in social sciences;

3. Classroom management as it applies to social science methods.

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At least nine semester hours in science, which will include:

(1) Content:

1. Physical science;

2. Earth/space science;

3. Life science.

(2) Methods:

1. Current best-practice, research-based methods of inquiry-based teaching and learning of science;

2. Integration of technology in teaching and student learning in science;

3. Classroom management as it applies to science methods.

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At least three semester hours to include all of the following:

(1) Methods of teaching elementary physical education, health, and wellness;

(2) Methods of teaching visual arts for the elementary classroom;

(3) Methods of teaching performance arts for the elementary classroom.

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Pre-student teaching field experience in at least two different grade levels to include one primary and one intermediate placement.

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A field of specialization in a single discipline or a formal interdisciplinary program of at least 12 semester hours.

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Student teaching in an elementary general education classroom.

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21.3(1) Adding an endorsement. To add an endorsement to an existing license, the applicant will follow one of these options:

a. Option 1. Receive the Iowa education institution’s recommendation that the current approved program requirements or state minimum requirements for the endorsement have been met.

b. Option 2. Apply for a review of transcripts, out-of-state licensure, or approved assessment score reports by the board of educational examiners’ staff to determine whether Iowa requirements have been met. Applicants will have achieved a C- grade or higher in the courses that will be considered for an endorsement. The methods course can be waived if the practitioner holds an endorsement in the same content area at a different level and teaches in the new content area successfully while holding a Class B license.