

ATTACHMENT II
Text of Proposed Revisions to 19 TAC

Chapter 231. Requirements for Public School Personnel Assignments

Subchapter C. Grades 6-8 Assignments

§231.49. Reading (At or Above Grade Level), Grades 6-8.

An assignment in a departmentalized classroom for Reading (at or above grade level), Grades 6-8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (2) Bilingual Generalist: Grades 4-8.
- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects: Grades 4-8.
- (5) Elementary English (Grades 1-8). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (6) Elementary Reading (Grades 1-8).
- (7) Elementary teacher certificate plus 18 semester credit hours in English and nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (8) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (9) English as a Second Language Generalist: Grades 4-8.
- (10) English Language Arts and Reading: Grades 4-8.
- (11) English Language Arts and Reading: Grades 7-12 (Grades 7 and 8 [~~Grade 7~~] only).
- (12) English Language Arts and Reading: Grades 8-12 (Grade 8 only).
- (13) English Language Arts and Reading/Social Studies: Grades 4-8.
- (14) Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (15) Generalist: Grades 4-8.
- (16) Junior High School or High School--English.
- (17) Junior High School or High School--English Language Arts, Composite. This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (18) Junior High School or High School--Reading.
- (19) Master Reading Teacher (Early Childhood-Grade 12).
- (20) Reading Specialist.
- (21) Reading Specialist (Early Childhood-Grade 12).
- (22) Secondary English (Grades 6-8). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning

with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

- (23) Secondary English Language Arts, Composite (Grades 6-8). This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (24) Secondary Reading (Grades 6-8).
- (25) Secondary English (Grades 6-12). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (26) Secondary English Language Arts, Composite (Grades 6-12). This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (27) Secondary Reading (Grades 6-12).
- (28) Secondary or all-level teacher certificate plus 18 semester credit hours in English and nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

§231.65. Science, Grades 7 and 8.

An assignment in a departmentalized classroom for Science, Grades 7 and 8, is allowed with one of the following certificates.

- (1) Bilingual Generalist: Grades 4-8.
- (2) Chemistry: Grades 7-12.
- (3) Chemistry: Grades 8-12 (Grade 8 only).
- (4) Core Subjects: Grades 4-8.
- (5) Elementary Biology.
- (6) Elementary Chemistry.
- (7) Elementary Earth Science.
- (8) Elementary Life/Earth Middle-School Science.
- (9) Elementary Physical Science.
- (10) Elementary Physics.
- (11) Elementary Biology (Grades 1-8).
- (12) Elementary Chemistry (Grades 1-8).
- (13) Elementary Earth Science (Grades 1-8).
- (14) Elementary Life/Earth Middle-School Science (Grades 1-8).
- (15) Elementary Physical Science (Grades 1-8).
- (16) Elementary Physics (Grades 1-8).
- (17) Elementary teacher certificate plus 18 semester credit hours in any combination of sciences.
- (18) English as a Second Language Generalist: Grades 4-8.
- (19) Generalist: Grades 4-8.

- (20) Grades 6-12 or Grades 6-8--Biology.
- (21) Grades 6-12 or Grades 6-8--Chemistry.
- (22) Grades 6-12 or Grades 6-8--Earth Science.
- (23) Grades 6-12 or Grades 6-8--Life/Earth Middle-School Science.
- (24) Grades 6-12 or Grades 6-8--Physical Science.
- (25) Grades 6-12 or Grades 6-8--Physics.
- (26) Grades 6-12 or Grades 6-8--Science.
- (27) Grades 6-12 or Grades 6-8--Science, Composite.
- (28) Junior High School or High School--Biology.
- (29) Junior High School or High School--Chemistry.
- (30) Junior High School or High School--Earth Science.
- (31) Junior High School or High School--Life/Earth Middle-School Science.
- (32) Junior High School or High School--Physical Science.
- (33) Junior High School or High School--Physics.
- (34) Junior High School or High School--Science.
- (35) Junior High School or High School--Science, Composite.
- (36) Life Science: Grades 7-12.
- (37) [~~(36)~~ Life Science: Grades 8-12 (Grade 8 only).
- (38) [~~(37)~~ Master Science Teacher (Grades 4-8).
- (39) [~~(38)~~ Master Science Teacher (Grades 8-12) (Grade 8 only).
- (40) [~~(39)~~ Mathematics/Physical Science/Engineering: Grades 6-12.
- (41) [~~(40)~~ Mathematics/Physical Science/Engineering: Grades 8-12 (Grade 8 only).
- (42) [~~(41)~~ Mathematics/Science: Grades 4-8.
- (43) [~~(42)~~ Physical Science: Grades 6-12.
- (44) [~~(43)~~ Physical Science: Grades 8-12 (Grade 8 only).
- (45) [~~(44)~~ Physics/Mathematics: Grades 7-12.
- (46) [~~(45)~~ Physics/Mathematics: Grades 8-12 (Grade 8 only).
- [~~(46)~~ — Science: Grades 8-12 (Grade 8 only):]
- (47) Science: Grades 4-8.
- (48) Science: Grades 7-12.
- (49) Science: Grades 8-12 (Grade 8 only) .
- (50) Secondary Biology (Grades 6-12).
- (51) Secondary Chemistry (Grades 6-12).
- (52) Secondary Earth Science (Grades 6-12).
- (53) Secondary Life/Earth Science (Grades 6-12).
- (54) Secondary Physical Science (Grades 6-12).
- (55) Secondary Physics (Grades 6-12).

- (56) Secondary Science (Grades 6-12).
- (57) Secondary Science, Composite (Grades 6-12).
- (58) Secondary or all-level teacher certificate plus 18 semester credit hours in any combination of sciences.

§231.71. Art, Middle School 1-3 [Grades 6-8] .

An assignment in a departmentalized classroom for Art, Middle School 1-3 [Grades 6-8] , is allowed with one of the following certificates.

- (1) All-Level Art.
- (2) Art: Early Childhood-Grade 12.
- (3) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (5) Elementary Art (Grades 1-8).
- (6) Elementary teacher certificate plus 18 semester credit hours in art.
- (7) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (8) Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (9) Grades 6-12 or Grades 6-8--Art.
- (10) Junior High School or High School--Art.
- (11) Secondary Art (Grades 6-12).
- (12) Secondary or all-level teacher certificate plus 18 semester credit hours in art.

§231.73. Music, Middle School 1-3 [Grades 6-8] .

An assignment in a departmentalized classroom for Music, Middle School 1-3 [Grades 6-8] , is allowed with one of the following certificates.

- (1) All-Level Music.
- (2) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (4) Elementary Music.
- (5) Elementary Music (Grades 1-8).
- (6) Elementary teacher certificate plus 18 semester credit hours in music.
- (7) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (8) Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (9) Grades 6-12 or Grades 6-8--Music.
- (10) Junior High School or High School--Music.
- (11) Music: Early Childhood-Grade 12.
- (12) Secondary Music (Grades 6-12).
- (13) Secondary or all-level teacher certificate plus 18 semester credit hours in music.

§231.75. Theatre, Middle School 1-3 [~~Grades 6-8~~].

An assignment in a departmentalized classroom for Theatre, Middle School 1-3 [~~Grades 6-8~~], is allowed with one of the following certificates.

- (1) All-Level Speech and Drama.
- (2) All-Level Speech Communications/Theatre Arts (Prekindergarten-Grade 12).
- (3) Elementary Drama.
- (4) Elementary Theatre Arts (Grades 1-8).
- (5) Elementary teacher certificate plus 18 semester credit hours in theatre arts/drama.
- (6) Grades 6-12 or Grades 6-8--Theatre Arts.
- (7) Junior High School or High School--Drama.
- (8) Junior High School or High School--Speech and Drama.
- (9) Secondary Theatre Arts (Grades 6-12).
- (10) Secondary or all-level teacher certificate plus 18 semester credit hours in theatre arts/drama.
- (11) Theatre: Early Childhood-Grade 12.

§231.77. Technology Applications, Grades 6-8.

An assignment in a departmentalized classroom for Technology Applications, Grades 6-8, is allowed with one of the following certificates.

- (1) Elementary teacher certificate plus verification of competency to teach computer literacy.
- (2) Grades 6-12 or Grades 6-8--Computer Information Systems.
- (3) Information Processing Technologies Endorsement (Level I or II).
- (4) Junior High School or High School--Computer Information Systems.
- (5) Secondary Computer Information Systems (Grades 6-12).
- (6) Secondary teacher certificate plus verification of competency to teach computer literacy.
- (7) Technology Applications: Early Childhood-Grade 12.
- (8) Technology Applications: Grades 7-12.
- (9) [~~(8)~~] Technology Applications: Grades 8-12 (Grade 8 only).

§231.81. Dance, Middle School 1-3.

An assignment in a departmentalized classroom for Dance, Middle School 1-3, is allowed with the Dance: Grades 8-12 certificate.

Subchapter E. Grades 9-12 Assignments

Division 4. Mathematics, Grades 9-12 Assignments

§231.193. Algebraic Reasoning, Grades 9-12.

An assignment for Algebraic Reasoning, Grades 9-12, is allowed with one of the following certificates.

- (1) Grades 6-12 or Grades 9-12--Mathematics.
- (2) Junior High School (Grades 9-10 only) or High School--Mathematics.
- (3) Junior High School (Grades 9-10 only) or High School--Mathematical Science, Composite.
- (4) Master Mathematics Teacher (Grades 8-12).
- (5) Mathematics: Grades 7-12.
- (6) Mathematics: Grades 8-12.
- (7) Mathematics/Physical Science/Engineering: Grades 6-12.
- (8) Mathematics/Physical Science/Engineering: Grades 8-12.
- (9) Physics/Mathematics: Grades 7-12.
- (10) Physics/Mathematics: Grades 8-12.
- (11) Secondary Mathematics (Grades 6-12).

§231.195. Statistics, Grades 9-12.

An assignment for Statistics, Grades 9-12, is allowed with one of the following certificates.

- (1) Grades 6-12 or Grades 9-12--Mathematics.
- (2) Junior High School (Grades 9-10 only) or High School--Mathematics.
- (3) Junior High School (Grades 9-10 only) or High School--Mathematical Science, Composite.
- (4) Master Mathematics Teacher (Grades 8-12).
- (5) Mathematics: Grades 7-12.
- (6) Mathematics: Grades 8-12.
- (7) Mathematics/Physical Science/Engineering: Grades 6-12.
- (8) Mathematics/Physical Science/Engineering: Grades 8-12.
- (9) Physics/Mathematics: Grades 7-12.
- (10) Physics/Mathematics: Grades 8-12.
- (11) Secondary Mathematics (Grades 6-12).

Division 5. Science, Grades 9-12 Assignments

§231.211. Astronomy, Grades 9-12.

An assignment for Astronomy, Grades 9-12, is allowed with one of the following certificates.

- (1) Grades 6-12 or Grades 9-12--Earth Science.
- (2) Grades 6-12 or Grades 9-12--Science.
- (3) Grades 6-12 or Grades 9-12--Science, Composite.

- (4) Junior High School (Grades 9-10 only) or High School--Earth Science.
- (5) Junior High School (Grades 9-10 only) or High School--Science.
- (6) Junior High School (Grades 9-10 only) or High School--Science, Composite.
- (7) Master Science Teacher (Grades 8-12).
- (8) Mathematics/Physical Science/Engineering: Grades 6-12.
- (9) Mathematics/Physical Science/Engineering: Grades 8-12.
- (10) ~~(8)~~ Physical Science: Grades 6-12.
- (11) ~~(9)~~ Physical Science: Grades 8-12.
- (12) ~~(10)~~ Physics/Mathematics: Grades 7-12.
- (13) ~~(11)~~ Physics/Mathematics: Grades 8-12.
- (14) ~~(12)~~ Science: Grades 7-12.
- (15) ~~(13)~~ Science: Grades 8-12.
- (16) ~~(14)~~ Secondary Earth Science (Grades 6-12).
- (17) ~~(15)~~ Secondary Physics (Grades 6-12).
- (18) ~~(16)~~ Secondary Science (Grades 6-12).
- (19) ~~(17)~~ Secondary Science, Composite (Grades 6-12).

§231.213. Earth and Space Science, Grades 9-12.

An assignment for Earth and Space Science, Grades 9-12, is allowed with one of the following certificates.

- (1) Grades 6-12 or Grades 9-12--Earth Science.
- (2) Grades 6-12 or Grades 9-12--Science.
- (3) Grades 6-12 or Grades 9-12--Science, Composite.
- (4) Junior High School (Grades 9-10 only) or High School--Earth Science.
- (5) Junior High School (Grades 9-10 only) or High School--Science.
- (6) Junior High School (Grades 9-10 only) or High School--Science, Composite.
- (7) Master Science Teacher (Grades 8-12).
- (8) Mathematics/Physical Science/Engineering: Grades 6-12.
- (9) Mathematics/Physical Science/Engineering: Grades 8-12.
- (10) Physical Science: Grades 6-12.
- (11) Physical Science: Grades 8-12.
- (12) ~~(8)~~ Science: Grades 7-12.
- (13) ~~(9)~~ Science: Grades 8-12.
- (14) ~~(10)~~ Secondary Earth Science (Grades 6-12).
- (15) ~~(11)~~ Secondary Science (Grades 6-12).
- (16) ~~(12)~~ Secondary Science, Composite (Grades 6-12).

Division 7. Fine Arts, Grades 9-12 Assignments

§231.241. Art, Music, Theatre, and Dance, Grades 9-12.

- (a) An assignment for Art, Grades 9-12, is allowed with one of the following certificates.
 - (1) All-Level Art.
 - (2) Art: Early Childhood-Grade 12.
 - (3) Grades 6-12 or Grades 9-12--Art.
 - (4) Junior High School (Grades 9-10 only) or High School--Art.
 - (5) Secondary Art (Grades 6-12).
- (b) An assignment for Music, Grades 9-12, is allowed with one of the following certificates.
 - (1) All-Level Music.
 - (2) Grades 6-12 or Grades 9-12--Music.
 - (3) Junior High School (Grades 9-10 only) or High School--Music.
 - (4) Music: Early Childhood-Grade 12.
 - (5) Secondary Music (Grades 6-12).
- (c) An assignment for Theatre, including Musical Theatre, Grades 9-12, is allowed with one of the following certificates.
 - (1) All-Level Speech/Drama.
 - (2) All-Level Speech Communications/Theatre Arts (Prekindergarten-Grade 12).
 - (3) All-Level Theatre Arts (Prekindergarten-Grade 12).
 - (4) Grades 6-12 or Grades 9-12--Theatre Arts.
 - (5) Junior High School (Grades 9-10 only) or High School--Drama.
 - (6) Junior High School (Grades 9-10 only) or High School--Speech and Drama.
 - (7) Secondary Theatre Arts (Grades 6-12).
 - (8) Theatre: Early Childhood-Grade 12.
- (d) An assignment for Dance for Fine Arts credit, Grades 9-12, is allowed with one of the following certificates.
 - (1) Dance: Grades 8-12.
 - (2) Grades 6-12 or Grades 9-12--Dance.
 - (3) Junior High School (Grades 9-10 only) or High School--Dance.
 - (4) Secondary Dance (Grades 6-12).

Division 15. Finance, Grades 9-12 Assignments

§231.395. Financial Mathematics, Grades 9-12.

An assignment for Financial Mathematics, Grades 9-12, is allowed with one of the following certificates.

- (1) Any business or office education certificate.
- (2) Business and Finance: Grades 6-12.

- (3) Business Education: Grades 6-12.
- (4) Master Mathematics Teacher (Grades 8-12).
- (5) Mathematics: Grades 7-12.
- (6) Mathematics: Grades 8-12.
- (7) Mathematics/Physical Science/Engineering: Grades 6-12.
- (8) Mathematics/Physical Science/Engineering: Grades 8-12.
- (9) Physics/Mathematics: Grades 7-12.
- (10) Physics/Mathematics: Grades 8-12.
- (11) Secondary Mathematics (Grades 6-12).

Division 18. Hospitality and Tourism [Administration] , Grades 9-12 Assignments

Division 24. Science, Technology, Engineering, and Mathematics, Grades 9-12 Assignments

§231.573. Principles of Technology, Grades 9-12.

- (a) An [Subject to the requirements in subsection (c) of this section, an] assignment for Principles of Technology, Grades 9-12, is allowed with one of the following certificates.
 - (1) Master Science Teacher (Grades 8-12).
 - (2) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (3) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (4) Physical Science: Grades 6-12.
 - (5) Physical Science: Grades 8-12.
 - (6) Physics/Mathematics: Grades 7-12.
 - (7) Physics/Mathematics: Grades 8-12.
 - (8) Science: Grades 7-12.
 - (9) Science: Grades 8-12.
 - (10) Science, Technology, Engineering, and Mathematics: Grades 6-12.
 - (11) Secondary Industrial Arts (Grades 6-12).
 - (12) Secondary Industrial Technology (Grades 6-12).
 - (13) Secondary Physics (Grades 6-12).
 - (14) Secondary Science, Composite (Grades 6-12).
 - (15) Technology Education: Grades 6-12.
- (b) An [Subject to the requirements in subsection (c) of this section, an] assignment for Principles of Technology, Grades 9-12, may also be taught with a vocational agriculture certificate or a trades and industry certificate with verifiable physics applications experience in business and industry, if assigned prior to the 1998-1999 school year. Six semester credit hours of college physics, chemistry, or electricity/electronics may be substituted for the business and industry experience.

~~[(c) All teachers assigned to Principles of Technology shall participate in Texas Education Agency approved training and have eight semester credit hours in physics prior to teaching this course.]~~

§231.579. Principles of Engineering, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Principles of Engineering, Grades 9-12, is allowed with one of the following certificates.
- (1) Master Science Teacher (Grades 8-12).
 - (2) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (3) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (4) Physical Science: Grades 6-12.
 - (5) Physical Science: Grades 8-12.
 - (6) Physics/Mathematics: Grades 7-12.
 - (7) Physics/Mathematics: Grades 8-12.
 - (8) Science: Grades 7-12.
 - (9) Science: Grades 8-12.
 - (10) Science, Technology, Engineering, and Mathematics: Grades 6-12.
 - (11) Secondary Industrial Arts (Grades 6-12).
 - (12) Secondary Industrial Technology (Grades 6-12).
 - (13) Secondary Physics (Grades 6-12).
 - (14) Secondary Science (Grades 6-12).
 - (15) Secondary Science, Composite (Grades 6-12).
 - (16) Technology Education: Grades 6-12.
- (b) All teachers assigned to Principles of Engineering shall participate in Texas Education Agency-approved training and have eight semester credit hours in physics prior to teaching this course.

§231.581. Digital Electronics, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Digital Electronics, Grades 9-12, is allowed with one of the following certificates.
- (1) Master Mathematics Teacher (Grades 8-12).
 - (2) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (3) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (4) Physics/Mathematics: Grades 7-12.
 - (5) Physics/Mathematics: Grades 8-12.
 - (6) Science, Technology, Engineering, and Mathematics: Grades 6-12.
 - (7) Secondary Industrial Arts (Grades 6-12).
 - (8) Secondary Industrial Technology (Grades 6-12).
 - (9) Secondary Mathematics (Grades 6-12).
 - (10) Technology Education: Grades 6-12.
- (b) All teachers assigned to Digital Electronics shall participate in Texas Education Agency-approved training prior to teaching this course.

Division 25. Transportation, Distribution, and Logistics, Grades 9-12 Assignments

§231.591. Transportation, Distribution, and Logistics, Grades 9-12.

- (a) An assignment for Energy, Power, and Transportation Systems; Logistics, Planning, and Management Systems; Principles of Transportation, Distribution, and Logistics; or Transportation Systems Management, Grades 9-12, is allowed with one of the following certificates.
 - (1) Secondary Industrial Arts (Grades 6-12).
 - (2) Secondary Industrial Technology (Grades 6-12).
 - (3) Technology Education: Grades 6-12.
 - (4) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (5) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (6) Vocational Trades and Industry. This assignment requires appropriate work approval.
- (b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Transportation, Distribution, and Logistics, Grades 9-12, is allowed with one of the following certificates.
 - (1) Secondary Industrial Arts (Grades 6-12).
 - (2) Secondary Industrial Technology (Grades 6-12).
 - (3) Technology Education: Grades 6-12.
 - (4) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (5) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (6) Vocational Trades and Industry. This assignment requires appropriate work approval.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Transportation, Distribution, and Logistics, Grades 9-12, has completed appropriate training in the content for this course [state and federal requirements regarding work based learning and safety] .