

Technology Applications

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Technology Applications Curriculum Requirements

1. Are schools required to teach technology applications?

Yes, instruction in all of the technology applications Texas Essential Knowledge and Skills (TEKS) is required to be provided as part of the required curriculum in elementary and middle school. School districts must ensure that sufficient time is provided for teachers to teach and for students to learn all of the TEKS for technology applications in kindergarten–grade 8.

Districts have the flexibility of offering technology applications in a variety of settings and instructional arrangements. Districts are encouraged to offer technology applications in all content areas. ([19 TAC Ch. 126](#)).

2. For which grade levels is instruction in technology applications required?

Instruction in all of the technology applications TEKS is required to be provided as part of the required curriculum for grades K–8 ([19 TAC §74.2\(a\)](#) and [19 TAC §74.3\(a\)\(1\)](#)).

3. What are the technology applications requirements for elementary school?

Districts and open-enrollment charters are required to instruct elementary students in all of the revised TEKS for technology applications which are written for each specific grade level. The standards require LEAs to provide instruction in all of the technology applications TEKS at each grade level. The TEKS for technology applications in elementary school include the following:

- [Technology Applications, Kindergarten, Adopted 2022 \(19 TAC §126.1\)](#)
- [Technology Applications, Grade 1, Adopted 2022 \(19 TAC §126.2\)](#)
- [Technology Applications, Grade 2, Adopted 2022 \(19 TAC §126.3\)](#)
- [Technology Applications, Grade 3, Adopted 2022 \(19 TAC §126.8\)](#)
- [Technology Applications, Grade 4, Adopted 2022 \(19 TAC §126.9\)](#)
- [Technology Applications, Grade 5, Adopted 2022 \(19 TAC §126.10\)](#)

Districts have the flexibility of offering technology applications in a variety of settings (see question 1).

4. What are the technology applications requirements for middle school?

Districts and open-enrollment charters are required to instruct middle school students in all of the TEKS for technology applications for each specific grade level,

including grade 6, grade 7, and grade 8 ([19 TAC 74.3\(a\)\(1\)](#)). The TEKS for technology applications in middle school include the following:

- [Technology Applications, Grade 6, Adopted 2022 \(19 TAC §126.8\)](#)
- [Technology Applications, Grade 7, Adopted 2022 \(19 TAC §126.9\)](#)
- [Technology Applications, Grade 8, Adopted 2022 \(19 TAC §126.10\)](#)

Districts have the flexibility of offering technology applications in a variety of settings (see question 1).

Technology Applications TEKS

5. Where can I find the TEKS for technology applications?

The TEKS for technology applications are located in [Chapter 126 of 19 Texas Administrative Code](#).

6. Where can I find an explanation of the changes between the revised and previous technology applications TEKS?

TEA has created a slideshow resource to help explain the several overarching differences between the TEKS that were adopted “Beginning with School Year 2012-2013” and the TEKS that were “Adopted 2022” ([19 TAC Ch. 126](#)). The slideshow can be found on the [technology applications webpage](#).

Broad changes include the following:

- TEKS are written for each grade level and are no longer written as grade bands
- Strands are now tied to practical concepts for students
- The use of “with assistance”
- The use of “with or without technology”
- Broad descriptions of technology to allow for emerging technology

Additional information on the revised TEKS (adopted 2022) can be found on the [technology applications webpage](#).

Other Questions

7. Is a district or open-enrollment charter required to offer a stand-alone course in the TEKS for technology applications?

No, although instruction in the TEKS for technology applications is required for students in grades K–8, districts and open-enrollment charters have the flexibility of offering technology applications in a variety of settings, including through a stand-alone course or by integrating the technology applications standards in the essential knowledge and skills for one or more courses or subject areas ([19 TAC Ch. 126](#)).

8. How should schools enter technology applications into the Public Education Information Management System (PEIMS) as either a stand-alone course or an embedded course?

Technology applications provided as a stand-alone course should be entered into PEIMS with its assigned service ID. Schools may find service IDs for technology applications courses by referring to the [TSDS Web-Enabled Data Standards \(TWEDS\)](#).

There are a variety of ways that schools can code technology applications as an embedded course into PEIMS. Districts and open-enrollment charters should contact a PEIMS specialist at their regional Education Service Center for further guidance.

9. Where can I find the educator certification requirements for technology applications?

The certification requirements for technology applications, kindergarten–grade 5, can be found in [19 TAC §231.29](#). The certification requirements to teach technology applications for grades 6–8 can be found in the [19 TAC §231.77](#). These certification requirements include standalone technology applications instruction as well as embedded technology application instruction. The required certifications are also outlined in part I of the [Teacher Assignment Chart](#).

Teachers who provide instruction in the TEKS for technology applications as an embedded course must be certified in the content area of the course in which technology applications is embedded as well as meet one of the technology applications certification requirements listed in [19 TAC §231.29](#) (for kindergarten–grade 5) or [19 TAC §231.77](#) (for grades 6–8).