

Kentucky Academic Standards for Technology 2026

Standards and Regulation

704 KAR 8:090

Kentucky Academic Standards for Technology

(Administrative Regulation)

Timeline

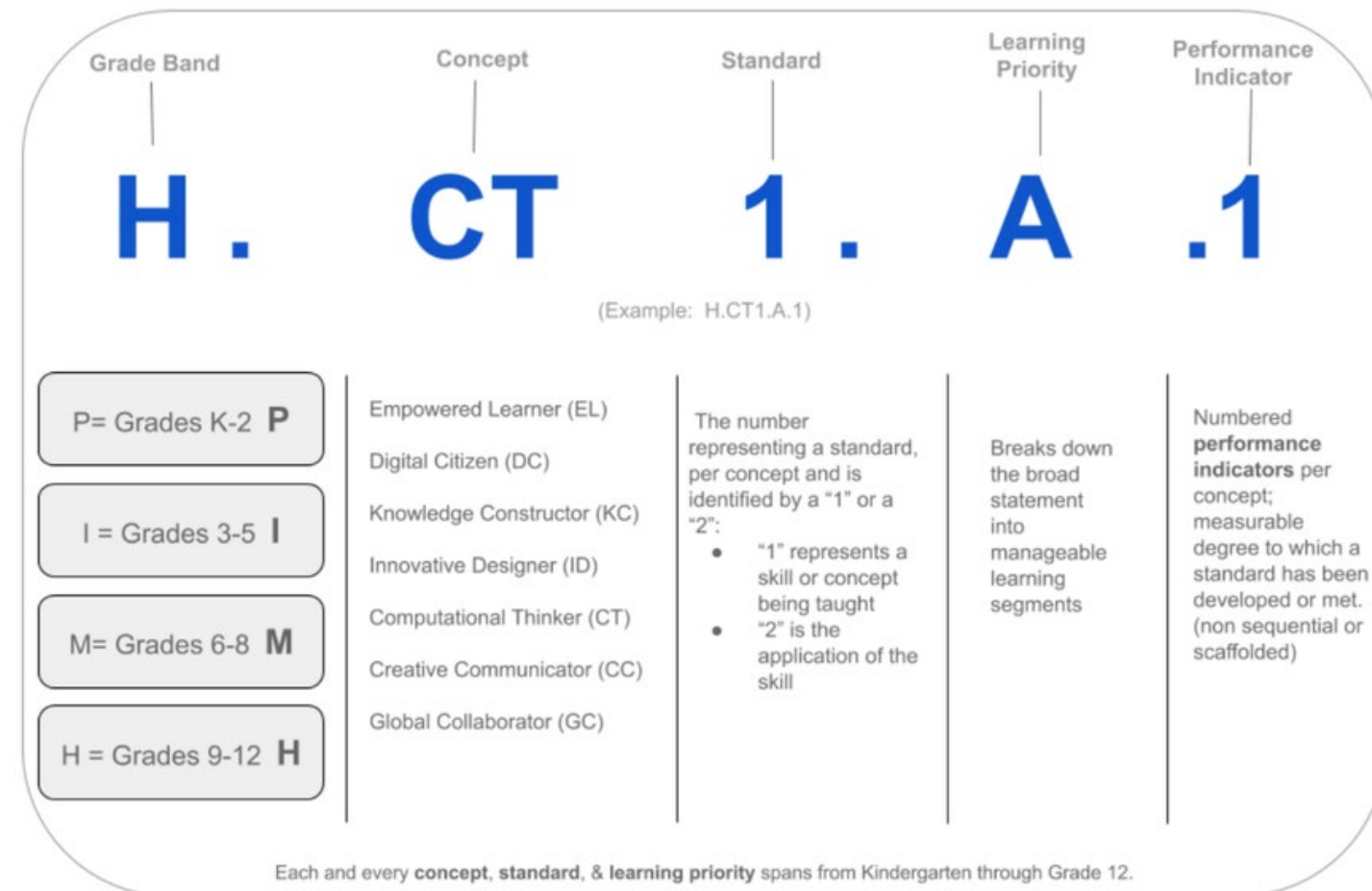
- **Sept. 2025**
 - Open standards for public comment/feedback
 - Call for applications for advisory panel and review committee
- **Nov. 2025**
 - Standards Team chosen
 - Confirmation of K - 12 Tech Standards Team (teacher members are cleared to participate)
- **Nov. 10, 11, and 12, 2025**
 - Virtual writing team meetings with grade levels and standards concepts
- **Nov. 13, 2025**
 - Virtual review team meeting
- **Nov. 17 and 18, 2025**
 - Virtual writing team meetings with grade levels and standards concepts
- **Dec. 3, 2025**
 - virtual meeting with oversight team with recommendations for writing team
- **Jan. 14, 2026**
 - virtual meetings for committees completed from public comment/feedback
- **Feb. 1, 2026**
 - Draft ready
- **Feb. 15, 2026**
 - Open draft standards for public comment/feedback
- **March 11, 2026**
 - Joint meeting of Advisory Panel and Review Committee to address public comment/feedback

Writers' Vision

The writing team envisioned standards that would afford students the opportunity to engage in critical thinking, computational thinking and problem -solving through computer science. The writing team wanted standards that would:

- initiate cross -curricular connections to enhance the understanding of learning through digital technology skills and concepts;
- establish a continuum of technology competencies K - 12 for (to be demonstrated);
- provide opportunities for all students to engage in learning through technology experiences and promote advanced demonstration of technology competencies (and digital skills) to prepare them for future success; and
- prepare students to address a critical workforce need related to technology knowledge, skills and application.

The Architecture



- Organized into five components:

- Grade Band
- Concept
- Standard
- Learning Priority
- Performance Indicator

Grade Band Overview ...found at the beginning of each grade band

PRIMARY (K-2)

The technology standards at the primary level provide an entry -point into necessary knowledge, skills, and competencies that equip students for a successful future. This goal requires the understanding of content that helps: empower learners, create responsible digital citizens, facilitate knowledge construction, design and innovate for learning, think computationally, communicate creatively, and collaborate with a global mindset.

Application of the technology standards at the primary level should focus on active learning and integrating the identified skills into other disciplines. These standards provide a clear progression of skills, and students develop a broad conceptual understanding of technology. All content teachers should provide opportunities for students to apply the skills and knowledge identified.

INTERMEDIATE (3-5)

The technology standards at the intermediate level continue to lay the foundation of necessary knowledge, skills, and competencies that equip students for a successful future. This goal requires the understanding of content that helps: empower learners, create responsible digital citizens, facilitate knowledge construction, design and innovate for learning, think computationally, communicate creatively, and collaborate with a global mindset.

Application of the technology standards at the intermediate level should focus on active learning and integrating the identified skills into other disciplines. These standards provide a clear progression of skills, and students develop a broad conceptual understanding of technology. All content teachers should provide opportunities for students to apply the skills and knowledge identified.

MIDDLE (6-8)

The technology standards at the middle school level expand upon the framework of necessary knowledge, skills, and competencies that equip students for a successful future. This goal requires the understanding of content that helps: empower learners, create responsible digital citizens, facilitate knowledge construction, design and innovate for learning, think computationally, communicate creatively and collaborate with a global mindset.

Application of the technology standards at the middle school level should focus on active learning and integrating the identified skills into other disciplines. These standards provide a clear progression of skills, and students develop a broad conceptual understanding of technology. All content teachers should provide opportunities for students to apply the skills and knowledge identified.

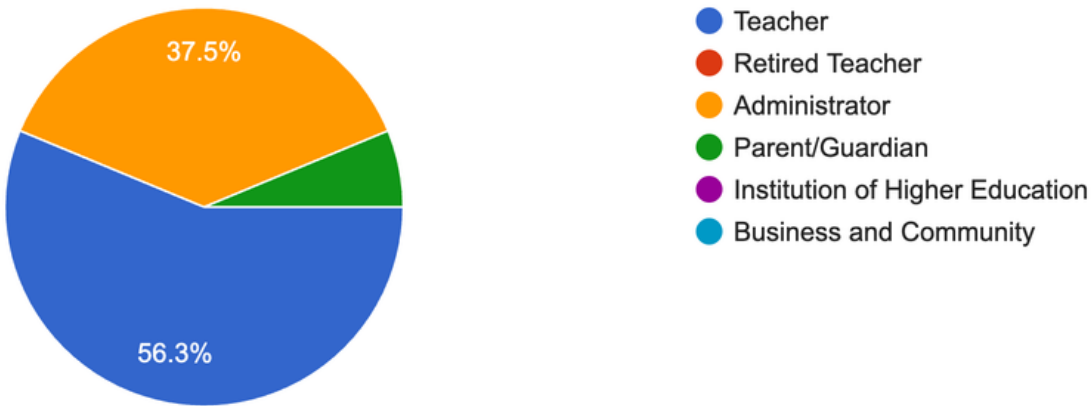
HIGH (9-12)

The technology standards at the high school level serve as a culmination of the necessary knowledge, skills, and competencies that equip students for a successful future. This goal requires the understanding of content that helps: empower learners, create responsible digital citizens, facilitate knowledge construction, design and innovate for learning, think computationally, communicate creatively and collaborate with a global mindset.

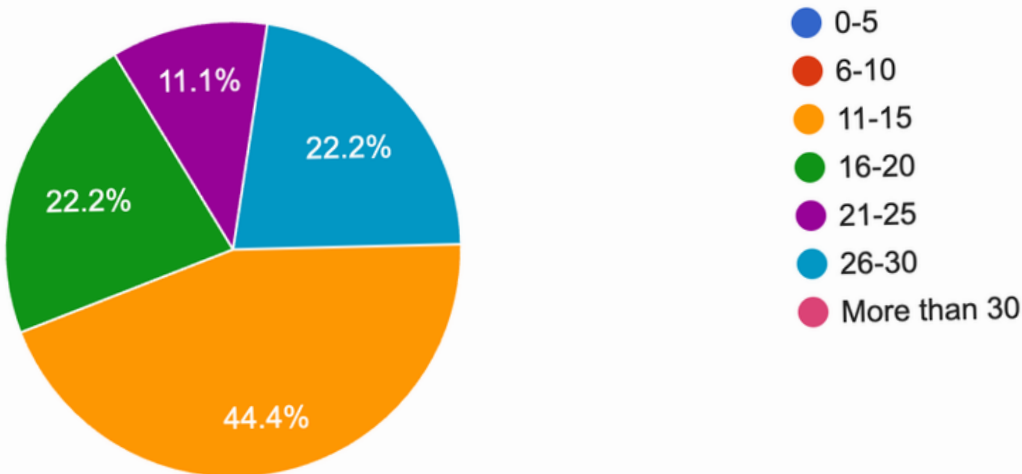
Application of the technology standards at the high school level should focus on active learning and integrating the identified skills into other disciplines. These standards provide a clear progression of skills, and students develop a broad conceptual understanding of technology. All content teachers should provide opportunities for students to apply the skills and knowledge identified.

Public Comment Results

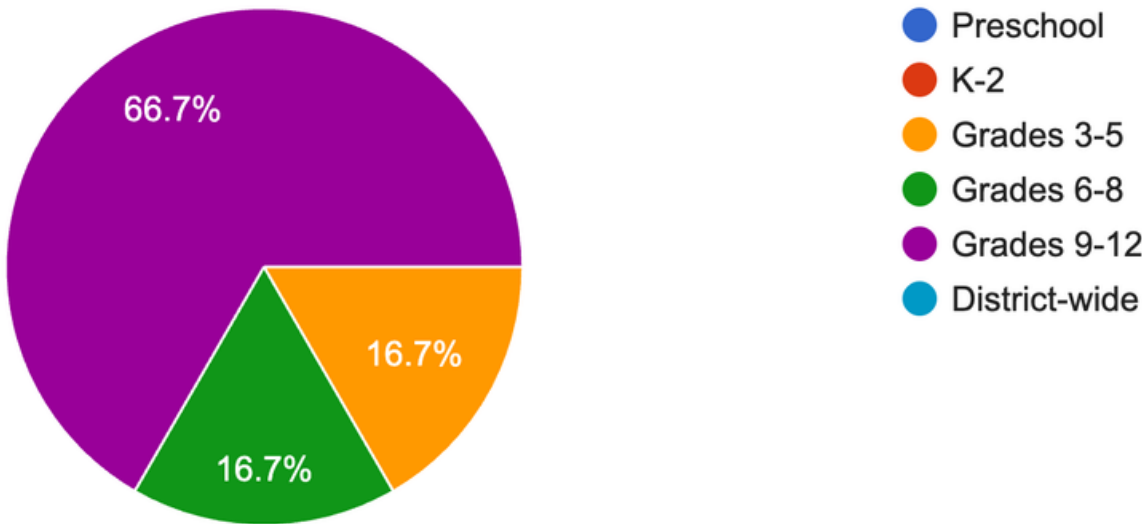
Which role best describes your affiliation with Kentucky public schools?



How many years teaching experience do you have?



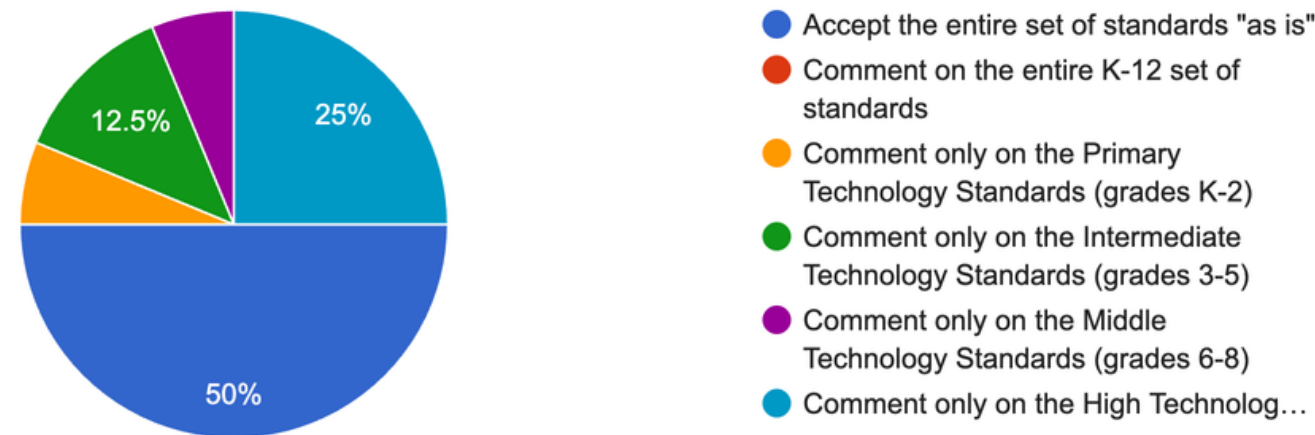
For what area are you currently an administrator?



- 99% approval of the KY Academic Standards for Technology
- Feedback resulted in minor adjustments to grammar, punctuation, the addition of Artificial Intelligence (AI) and alignment with other standards

Public Comment Results

How would you like to provide feedback to the technology standards?



Codified Responses:

- Overall Accept As Is: 50%
- Primary Accept As Is: 6.3%
- Intermediate Accept As Is: 12.5%
- Middle Accept As Is: 6.3%
- High Accept As Is: 25%
- Comments: add AI to all grade bands

Some feedback comments:

- I feel it is important for our students to have standards in the area of technology. The only thing my students have known, in their lifetime, is the use of technology. Therefore, they should be taught how to use technology quickly and efficiently.
- Technology is the backbone for the school I lead.
- It affects my district and students.
- I was on the initial committee that developed the Technology Standards before moving to an administrative role. I greatly appreciate the AI considerations in the standards in both Middle and High School standards. It is imperative that AI be integrated into our instruction and strengthen appropriate usage and knowledge of this resource. Thank you for the invaluable work on the presented standards!