

AI Tennessee Challenge

Tennessee students: What problem would you solve if you had the chance?



Open to K-12 students across Tennessee, the AI Tennessee Challenge gives young people an opportunity to think like innovators while learning how to use AI thoughtfully and responsibly.

Students start by identifying a real-world challenge. They research the problem and the people it affects, then develop an idea for how AI could be part of a solution.

Projects could explore challenges related to education, healthcare, agriculture, accessibility, the environment, workforce development, public safety or another issue important to a Tennessee community.

The goal is for students to think, question, research, create and solve problems with AI as a tool, not a replacement for their own ideas and judgment.

Who can participate?

The challenge is open to students attending school or being homeschooled in Tennessee in three grade groups:

Elementary School Grades K-5

Students may participate individually or in teams of up to five.

Middle School Grades 6-8

Students may participate individually or in teams of up to four.

High School Grades 9-12

Students may participate individually or in teams of up to four.

Every project needs an adult sponsor, such as a teacher, librarian, instructional coach or community leader. Adult sponsors **do not** need AI experience.

Most importantly, the students do the work. Adults can provide guidance and encouragement, but the ideas, decisions and project should reflect the students' thinking.

AI Tennessee Challenge

How does it work?

Students will:

1. Identify a Problem

Choose a real challenge affecting their school, community, industry or region.

2. Research & Explore

Learn about the problem and the people it affects.

3. Develop an AI Solution

Explore how AI could contribute to a solution. Students may create, prototype, test ideas, gather feedback and make improvements.

4. Create a Submission

Each project includes a short written narrative, a 5-8 slide presentation and a 3-5 minute video.

5. Compete for Statewide Recognition

Projects will be judged by grade group within East, Middle and West Tennessee. **Nine Regional Winner teams** will be selected and invited to showcase their projects during Computer Science Education Week in December.

Important Dates

October 19

Challenge kickoff

October 23

Virtual information session

October/November

Virtual office hours

November 24

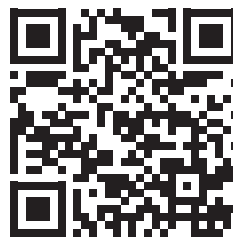
Submissions due

December 11

Winners announced

Ready to take the challenge?

Learn more and sign up for updates:



<https://www.aitennessee.ai/challenge>

Questions?

Email aitnchallenge@utk.edu

Brought to you by:



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