



# AI-Guidance and Support to WV Schools

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WVDE

<http://wvde.us/ai>





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2w • Edited • 🔄



The [West Virginia Department of Education](#), a member of [#TeachAI](#) ([TeachAI.org](#)), joins CA and OR as the third state to release guidance on AI in education. You can view the guidance here at <https://wvde.us/ai>.

One of the best aspects is the commitment on page 3 to revision through versioning the guidance and providing an accompanying resource site. Find resources for developing your own guidance on AI in education in the AI Guidance for Schools Toolkit at [TeachAI.org/toolkit](#), written by ...see more



93

5 comments • 20 reposts



West Virginia DEPARTMENT OF  
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# **Guidance, Considerations, & Intentions for the Use of Artificial Intelligence in West Virginia Schools**

*January 2024*



| **Version 1.0**

[wvde.us/ai-guidance](https://wvde.us/ai-guidance)



# AI

## *AI is:*

- Online and in-store shopping
- Robotic tractors, precision agriculture
- Warehouse Fulfillment
- Credit Card Fraud Protection
- Text to Speech
- Foreign Language Translation
- Mapping and Navigation

**It is in all our lives and industries.**

## *AI is NOT:*

- Alive
- Smarter than us
- Malicious robots
- Only for geniuses
- Only for people in tech cities
- Always physical, like self-driving cars.

**And it is not going away.**

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# AI

## *Education with AI is:*

- Personalized learning: More practice problems for struggling students, more advanced concepts for students who are ahead
- Differentiation in seconds
- Increased student persistence
- Handwriting conversion to digital
- Text to speech, speech to text
- Language Translation

## *Education with AI is NOT:*

- Replacing teachers
  - Going to solve every problem
  - One more thing that needs to take a lot of time for busy educators
  - Another subject that must be separate from Computer Science
-

# AI

Generative AI: Tools that create text, images, code, and sound based on vast datasets. Tools such as Bard, Copilot, and ChatGPT, are trained on massive amounts of data to recognize patterns and relationships between words, images, sounds and code. They use that understanding to generate brand-new, original, often creative outputs customized to the prompts users provide.



How can I help you today?

**Create a workout plan**  
for resistance training

**Tell me a fun fact**  
about the Roman Empire

**Write a thank-you note**  
to our babysitter for the last-minute help

**Suggest some codenames**  
for a project introducing flexible work arrangements

 Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.



# Types of Questions about AI in Education

**Risk**

**Opportunity**

**Present**

**“How do we stop kids from cheating?”**

**“How can we use AI tools to improve education?”**

**Future**

**“Will AI replace teachers?”**

**“How can we rethink education in an age of AI?”**





# Plan of Action - IF

If the WVDE supports school and district use of artificial intelligence by:

- Reinforcing that people are in control
  - Advancing educator comfort with AI
  - Clarifying ethical uses
  - Aligning AI with existing frameworks
  - Encouraging the use of AI
  - Upholding academic integrity
  - Safeguarding student privacy
  - Equipping educators
  - Facilitating dialogue
-



# Plan of Action - THEN

Then the responsible application of AI can lead to:

- Individualized learning experiences
  - Streamlined administrative tasks
  - Acquisition of necessary skills for the 21<sup>st</sup> century including computer science and data literacy
  - Improved accessibility for diverse learning needs
  - Instantaneous feedback
-

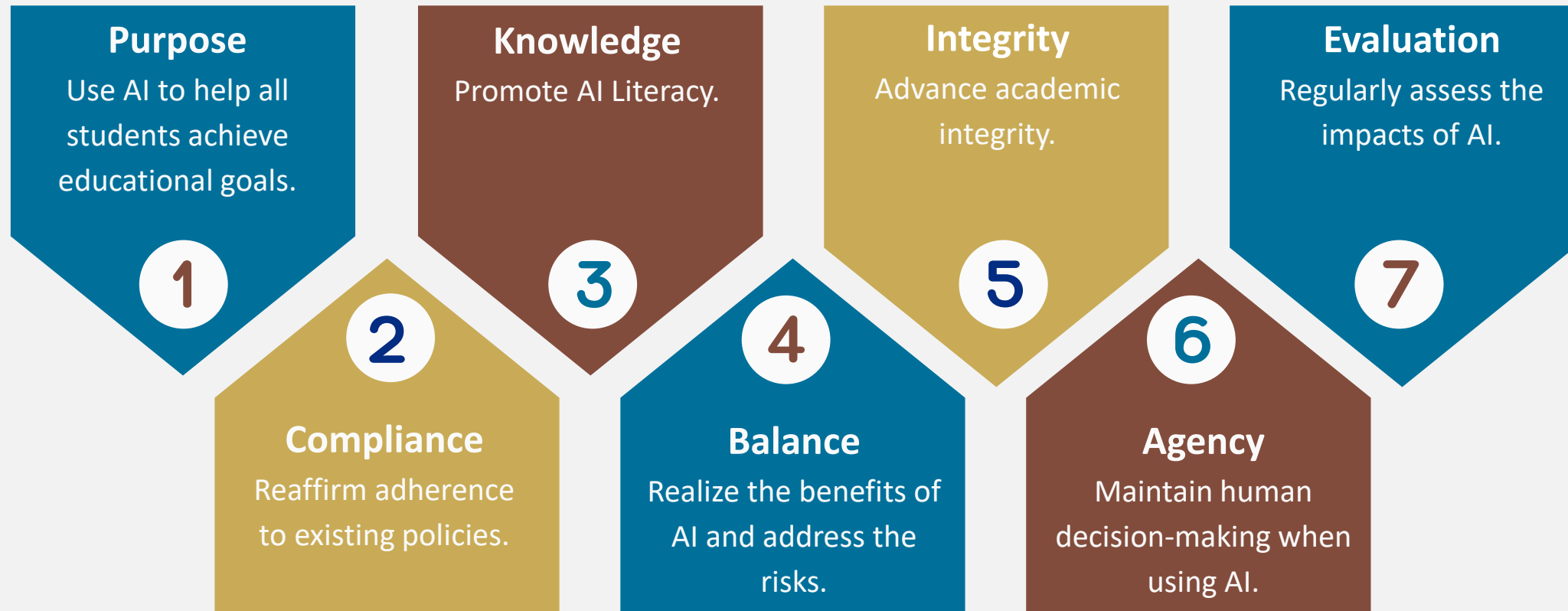


# Guidance

- *Guidance, Considerations, and Intentions for the Use of Artificial Intelligence in WV Schools (January 2024)*
  - People-centered guidance
    - Descriptive information for everyone
    - Educator-specific guidance
    - District-specific guidance
-



# Guiding Principles



# Artificial Intelligence is like a...



## Personal Coach

It can highlight areas of improvement, but it is up to us to take action.



## Toolbox

It provides us with a variety of tools to adapt to different needs and experiences, but it is up to us to use them responsibly.



## Spotlight

It can illuminate new ways of learning, but it is up to us to make sure that it doesn't cast a shadow on creativity.



## Library

It holds a wealth of knowledge and resources, but it is up to us to think critically.



## Canvas

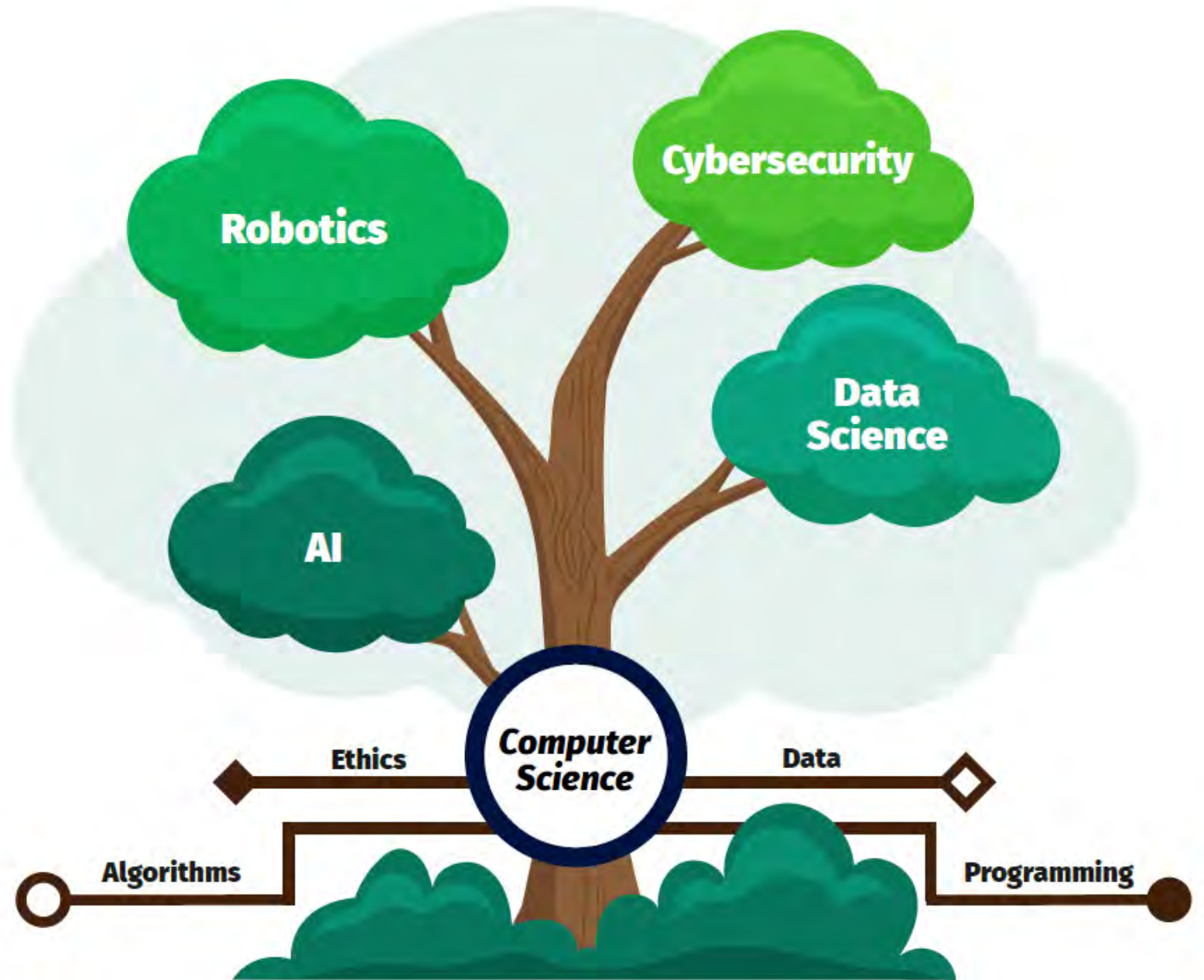
It provides a space for individual expression and exploration, but it is up to us to create the masterpiece.



## Bridge

It can connect us to new topics and ideas, but we must be in the driver seat.

In an age of **AI**,  
**CS** isn't just  
mandatory, it is  
**Foundational.**



*\*Adapted from TeachAI*



You

Thank you. Can you make a funny image about reading the terms and conditions? Maybe with a cat in glasses?



DALL-E



Here are the images depicting a cat humorously attempting to read the 'Terms and Conditions.' The cat, wearing oversized glasses, looks both focused and overwhelmed by the lengthy document.



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## Special Consideration: Student Age

Every technology has a set of terms and conditions which must be reviewed. When considering the use of generative AI technologies – for example, ChatGPT, with students under the age of 18 – several key considerations should be addressed:

- First, explicit parental/guardian permission must be obtained for students under 18, ensuring that parents/guardians are fully informed about the nature, capabilities, and limitations of the AI technology, as well as the data privacy and security measures in place.
- It should be noted that specialists in the field of classroom AI have advised that students should ideally be at least 13 years old to utilize AI technology.<sup>34</sup> Nevertheless, acquiring AI literacy and developing a comprehension of the technology remains crucial for learners of all ages in our increasingly digital world.<sup>35</sup>
- For students under the age of 13, special attention is needed due to stricter laws like the Children’s Online Privacy Protection Act (COPPA). Additionally, the use of AI should be closely monitored by educators to ensure that the content and interaction are age-appropriate, respectful of privacy, and aligned with educational goals.
- WVBE Policy 2520.14 notes that technology tools must be age-appropriate, specifically when used with the youngest learners.<sup>36</sup>
- WVBE Policy 2520.14 notes that older students must be instructed in using modern technologies in order to prepare them for college or career.<sup>37</sup>

<sup>34</sup> “UNESCO Recommends Age Limit of 13 for Classroom Artificial Intelligence Use.” *Washington Examiner*, September 7, 2023. <https://www.washingtonexaminer.com/news/education/unesco-age-limit-classroom-ai-use>.

<sup>35</sup> Klein, A. “AI Literacy, Explained.” *Education Week*, May 10, 2023. <https://www.edweek.org/technology/ai-literacy-explained/2023/05>

<sup>36</sup> WVBE Policy 2520.14, *West Virginia College- and Career-Readiness Standards for Technology and Computer Science*, <https://apps.sos.wv.gov/adlaw/csr/readfile.aspx?DocId=50990&Format=PDF#page=6>

<sup>37</sup> WVBE Policy 2520.14, *West Virginia College- and Career-Readiness Standards for Technology and Computer Science*, <https://apps.sos.wv.gov/adlaw/csr/readfile.aspx?DocId=50990&Format=PDF#page=12>







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### Craiyon v3

image of a cardboard boat with three children in it with paddles in a swimming pool

Draw



### Craiyon v3

image of a cardboard boat with two children in it with paddles in a swimming pool

Draw



### Craiyon v3

image of a cardboard boat with two children in it with paddles in a swimming pool

Draw





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## Version History

Given the rapidly changing landscape of artificial intelligence (AI) technology, it is expected that this document will undergo regular updates to reflect the latest guidance and policy changes at both state and national levels. For ease of tracking these updates, a summary table is included in the document. This table succinctly lists the changes made in each new version to provide a clear and accessible history of the document's evolution. This table allows readers to quickly reference how the guidance has adapted over time, aligning with the latest legal, ethical, and technological developments in AI. This approach better ensures that the document remains a relevant and reliable resource for understanding current AI guidance and best practices in West Virginia schools.

Date	Description of Changes	Version
01/2024	Created initial document	1.0



# Next Steps

- ✓ Education and Communication
  - ✓ Superintendent and CIL Survey
  - ✓ Public Stakeholder Survey
  - ✓ External Stakeholder / Task Force
  - **Develop additional Guidance / Policy / Purchasing Guidelines**
  - **SREB AI Commission**
  - **WV Governor's AI Task Force**
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