## SREB

# Commission on AI in Education: An Overview of the Work to Date

Commission Timeline: May 2024 to November 2025



### Sixty-Five Commission Members

Chair, South Carolina Gov. Henry McMaster Co-chair, Brad D. Smith, president of Marshall University

#### **Business Leaders**

Youngjun Choi, Director of Advanced AI and Robotics, UPS Robotics AI Lab Brian Eggleston, General Manager for Vehicle Manufacturing Innovation, Toyota Motors North America

Craig Klopatek, Senior Vice President and Chief Information Officer, CenterWell & Corporate Services, Humana

Kim Majerus, Vice President, US Public Sector Education, State, and Local Government, Amazon Web Services

Rene Plasencia, Florida Lead Account Partner, IBM David Zasada, Vice President Education and Corporate Responsibility, Intuit



### **State Members**

#### Alabama

Alan Baker, State Representative, Alabama

Terri Collins, State Representative, Alabama

Srinivas Javangula, Director, Data and Research, Alabama State Department of Education

Eric Mackey, State Superintendent of Education, Alabama State Department of Education

Nick Moore, former Education Policy Advisor & Coordinator, Governor's Office of Education & Workforce Transformation, Alabama

Jim Purcell, Executive Director, Alabama Commission on Higher Education Amy Serafini, Assistant Professor & Program Coordinator of Educational Leadership, Auburn University

#### **Arkansas**

Mason Campbell, Assistant Commissioner of Academic Affairs, Arkansas Division of Higher Education

Ethan Hodge, Computer Science Teacher, Russellville School District Kelly Griffin, Special Advisor, Arkansas Department of Education

#### Delaware

Mara Gorman, State Representative, Delaware

Matthew J. Kinservik, Vice Provost for Faculty Affairs and Professor of English, University of Delaware

Alyssa Moore, Education Associate, Digital Learning, Delaware Department of Education

Dave Sokola, State Senator, Delaware

Kevin Wright, Instructional Media Coordinator, Appoquinimink School District

#### Georgia

D. Glen Cannon, President, Gwinnett Technical College Michael P. Shannon, President, University of North Georgia Xiaoming Zhai, Associate Professor, University of Georgia

#### Kentucky

Amanda Mays Bledsoe, State Senator, Kentucky David Couch, Chief Information Officer and Associate Commissioner for the Office of Information Technology, Kentucky Department of Education

#### Louisiana

Tristan Denley, Deputy Commissioner for Academic Affairs and Innovation, Louisiana Board of Regents

Jason Hughes, State Representative, Louisiana

Ronnie Morris, President, Louisiana State Board of Elementary and Secondary Education

#### Maryland

Eric Ebersole, State Delegate, Maryland

Katie Fry Hester, State Senator, Maryland

Amy Pearlman, Chief Information Officer, Maryland State Department of Education Shawn Rushing, Assistant State Superintendent, Maryland State Department of Education

Erin Senior, Director of Digital Learning and School Library Media, Maryland State Department of Education



### **State Members**

#### Mississippi

Melissa Banks, Director of Data Use and Professional Learning, Mississippi Department of Education Kevin W. Felsher, State Representative, Mississippi Errick L. Greene, Superintendent, Jackson Public Schools Scott Delano, State Senator, Mississippi Kollin Napier, Director, Mississippi Artificial Intelligence Network (MAIN), Mississippi Gulf Coast Community College

#### **North Carolina**

Jay Chaudhuri, State Senator, North Carolina Vera Cubero, Western Region Digital Teaching and Learning, North Carolina Department of Public Instruction

Robert Van Dyke, Assistant Director for Computer Science, IT, and Technology Education, North Carolina Department of Public Instruction Vanessa Wrenn, Chief Information Officer, North Carolina Department of Public Instruction

#### Oklahoma

Arturo Alonso-Sandoval, State Representative, Oklahoma Rhonda Baker, former State Representative; Director of Education Programs for the Greater Oklahoma City Chamber, Oklahoma Allison Garrett, former Chancellor, Oklahoma State Regents for Higher Education

Jennifer Monies, Managing Partner, Growth, Saxum Adam Pugh, State Senator, Oklahoma

#### **South Carolina**

Charles Appleby, Senior Advisor to the Coordinating Council for Workforce Development, South Carolina Department of Employment and Workforce

Melanie Barton, Deputy Chief of Staff and Senior Education Advisor, South Carolina Governor's Office

Jeff Bradley, State Representative, South Carolina

Kim Christ, Director of Workforce and Education Innovation, South Carolina Council on Competitiveness

Corey Gheesling, Associate Vice President, SHEEO, and former Associate Director for Workforce Development at the South Carolina Commission on Higher Education

Stanton Greenawalt, former Professor of Cybersecurity, Horry-Georgetown Technical College

Deepti Joshi, Associate Professor of Computer Science, The Citadel David Thornton, Information Technology Teacher, Spartanburg County School District

#### **Tennessee**

Steven Gentile, Executive Director, Tennessee Higher Education Commission

Vijay Gollapudi, Chief Information Officer, Tennessee Department of Education

Robbie K. Melton, Interim Provost and Vice President for Academic Affairs and Vice President for Technology and Innovation, Tennessee State University

Lizzette Reynolds, Commissioner of Education, Tennessee Department of Education



### State Members

#### Texas

Giovanni Capriglione, State Representative, Texas Tan Parker, State Senator, Texas Michelle Singh, Assistant Commissioner, Digital Learning, Texas Higher Education Coordinating Board Kyla Torre, Senior Director, Digital Learning, Texas Higher Education Coordinating Board

#### Virginia

Michelle Lopes Maldonado, State Delegate, Virginia Schuyler Van Valkenburg, State Senator, Virginia

#### **West Virginia**

Melanie Baker, Research and Policy Analyst, West Virginia Higher Education Policy Commission
Jade Irving, Senior Project Officer, West Virginia Higher Education Policy Commission
Erika Klose, Director, Office of PK-12 Academic Support, Division of PK-Adult Instruction and Career Engagement, West Virginia Department of Education



### The Commission's Charge

Evaluate research, industry data and advice from experts to determine how education can successfully adopt and integrate AI across the region and lead the nation.

### Develop

- Policies regarding the use of Al in K-12 and postsecondary education,
- Recommendations for AI in instruction to promote AI literacy among students, educators, and the workforce and
- Skills and seamless pathways in the education-to-workforce system to meet industry and state needs.

### **SREB**

### **Working Subcommittees**

Al Policy

K-12 Al Instruction

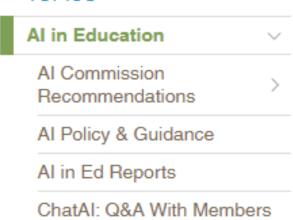
PSE AI Instruction AI Skill Development



# SREB | AI in Education

https://www.sreb.org/topic-ai-education-0

#### TOPICS





### A ROADMAP FOR RESPONSIBLE AND EFFECTIVE USE OF AI IN K-12 CLASSROOMS New report

<u>Guidance for the Use of AI in the K-12 Classroom</u> aims to help educators and policymakers adopt AI tools thoughtfully and responsibly. The report offers schools guidance in preparing students as ethical users for an AI-driven future. It includes actionable strategies to deal with risks. And it addresses the importance of the human element in teaching. <u>Read the report ></u>



#### RECOMMENDATIONS

#### Policy Guidance from the Commission

The Commission's first seven recommendations are designed to help states move forward, assisting schools and postsecondary institutions with efforts to adopt AI.

See the recommendations >



AI IN ED INSIGHTS



#### **GUIDANCE TO DATE**

#### **SREB Region and US States**

To help states as they develop policy, guidance and standards, SREB is compiling examples for reference. This field is developing rapidly, so let us know of new policy and research.

View this resource >



AI IN ED BLOG POSTS

### GUIDANCE, STANDARDS, RESEARCH

#### **SREB States**



This resource describes guidance, policy and standards to date in SREB states, with links to source documents on state websites. It also lists university research centers focused on Al. Please <u>let us know</u> of updates to state policy and research.

- Guidance
- Standards
- Policy
- Research Centers



#### AI IN ED INSIGHTS

Newsletter from SREB and the Commission



Stay current on the work of the Commission on AI in Education, and see recommendations from members and resources from SREB staff.

Subscribe >

Al in Education Insights | August 2025 Awareness > Exploration > Application ₽

Al in Education Insights | July 2025 Al-Ready Workforce Skills + New Policy Recommendation @

Al in Education Insights | May 2025 

Al in Education Insights | March 2025 Guidance and Implications @

Al in Education Insights | February 2025 7 Policy Recommendations @

Al in Education Insights | December 2024 Empowering Educators with AI Tools@

Al in Education Insights | October 2024 Preparing for Policy Recommendations@

Al in Education Insights | September 2024 Policies, Research, Resources @

Al in Education Insights | August 2024 Skills to Succeed ₽

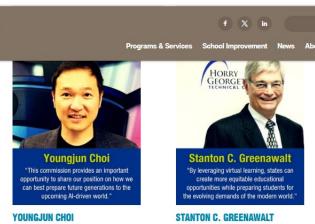
Al in Education Insights | July 2024 Transforming Classrooms and Policies @

#### ChatAl

#### **Q&A WITH MEMBERS OF THE SREB COMMISSION ON AI IN EDUCATION**

Get to know commission members in our new series, ChatAI, featuring recurring human interest profiles. You can also find these profiles featured in our monthly newsletter, Al in Education Insights.

Subscribe



In this ChatAI, Commission Member Youngjun Choi discusses his thoughts on AI in education.

Read more »

In this edition of ChatAI, we hear from commission member Stanton Greenawalt and learn his thoughts on AI in education.

Read more »



#### **KOLLIN NAPIER**

In this edition of ChatAI, we talk to commission member Collin Napier to learn his thoughts on Al in education.



#### NANCY RUZYCKI

In this month's ChatAI, we talk to commission member Nancy Ruzycki, and she tells us all her thoughts on AI in education





August 26, 2025 Beth Day, Vice President, Communications, SREB

#### AI FOR LATE-ADOPTERS. LUDDITES AND CURMUDGEONS

Al won't take your job as a teacher. That was the first piece of good news in a session on Al tools for educators at the 2025 SREB Making Schools Work Conference in July.

Artificial intelligence tools can't replace the one-on-one human connection between student and teacher, said John Boyd, a Nationally Board-Certified educator in South Carolina who serves on his district's Al policy committee



Read more x

July 18, 2025 Ashley Shaw, SREB Communications Specialist Taken from an Interview With Leslie Eaves, SREB Project-Based Learning Director

#### AI IN EDUCATION SERIES PART 6: HOW TO PICK AN AI TOOL FOR YOUR SCHOOL



This is the final post in our series exploring the four pillars from Guidance for the Use of AI in the K12 Classroom. This time, we discuss the checklist that goes along with this report and examine ways that you can pick AI tools for your school.

Read more >

July 10, 2025 Ashley Shaw, SREB Communications Specialist Taken from an Interview With Leslie Eaves, SREB Project-Based Learning Director

#### AI IN EDUCATION SERIES PART 5: DEVELOPING ETHICAL AND PROFICIENT AI USERS



This is the fifth post in our series exploring the four pillars from Guidance for the Use of AI in the K12 Classroom. This time, we discuss ways that teachers can help students become ethical and efficient AU users of the future.

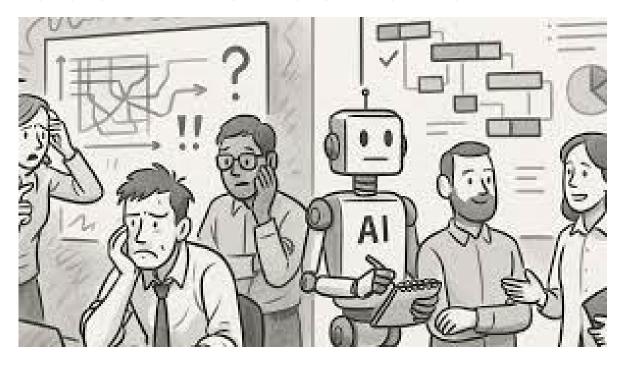
### **Policy Recommendations**

1- State Networks 2- Targeted Guidance 3- Professional Development 4- Standards & Curricula 5- Local Capacity Assessments 6- Resource Plans 7- Risk Management 8 - Procurement 9 – Aligning Development Strategies 10 - Protection and Safety 11 – Development of Postsecondary Al Playbooks 12 – Measuring Al's Impact on Education





### Future Recommendations?



Let's take 15 minutes at your tables to discuss possible questions and/or recommendation topics the Commission has not considered but should.



# Al Skill Development



The Report from the SREB Commission on Artificial Intelligence in Education

**SREB** 

Skills for an Al-Ready Workforce



Southern Regional Education Board

SREB.org



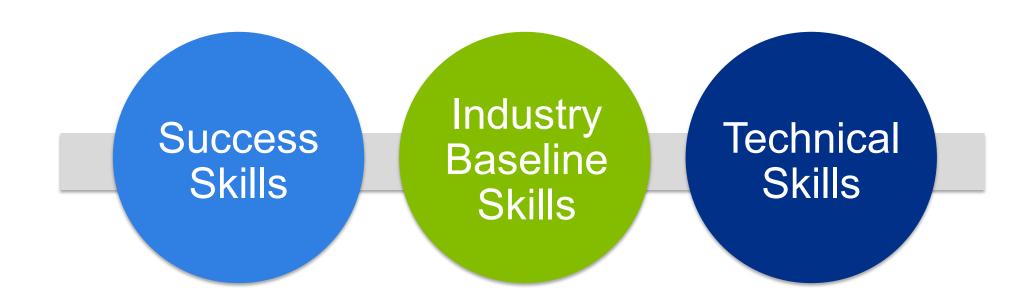


### Recommended Actions

- Embed Al Across Core Content and Career and Technical Education Standards
- Strengthen and Modernize Digital Learning and Computer Science Standards
- Strengthen Collaboration with Industry, Workforce Agencies, and Economic Development Organizations
- Embed AI-Ready Competencies Across Workforce Training and Upskilling Programs
- Provide Comprehensive Al Professional Development for Educators
- Establish Monitoring and Evaluation Mechanisms for AI Readiness



### SREB's Skills for an Al-Ready Workforce











Industry Baseline Skills







Machine Learning
Deep Learning
Generative Al

Language Models Computer Vision Multi-Model Al

Data Literacy Programming



### **Al Learning Progressions**

Awareness	Exploration	Application	Fluency
Introduce & Build Understanding of AI	Use & Investigate AI Tools	Apply & Evaluate AI	Demonstrate Expertise & Adaptability
← AI Ethics & Human Oversight →			



### Sample Skill and Progression

### Industry Baseline Skills

#### Responsible AI

Utilizing AI technologies in alignment with ethical principles, societal values, and regulatory standards promotes trust, safety, and the well-being of all stakeholders. This also includes preparing individuals to become effective and responsible consumers of AI products, capable of evaluating and interacting with these tools thoughtfully and safely.

#### Awareness Introduce & Build an Understanding of AI

Learners are introduced to responsible technology use through safety rules, guided activities, and basic exploration of how AI makes decisions. They begin to understand that while AI tools can be helpful, people must use them thoughtfully and with care for others.

### Exploration Use & Investigate AI

Learners examine how
AI can affect people and
communities by
exploring fairness,
transparency, and bias
through classroom
discussions and
projects. They begin to
understand the
importance of
regulations and explore
how responsible
technology use supports
trust and safety.

#### **Application** Apply & Evaluate AI

Learners analyze case studies and real-world uses of AI to evaluate its role in decision-making. They assess the risks and benefits of AI tools, apply ethical reasoning, and develop strategies for using AI responsibly in academic or simulated professional settings.

#### Fluency

Demonstrate Expertise & Adaptability

Individuals apply ethical standards, regulatory guidelines, and critical evaluation skills to AI use in workplace settings. They act as informed and responsible consumers of AI tools, assessing systems for fairness, accountability, and social impact to ensure responsible and effective application in their fields.

- Promotes thoughtful and responsible adoption of Al in education
- Highlights opportunities to enhance personalized learning and improve datadriven decision-making
- Addresses data privacy and bias
- Focuses the human element in teaching

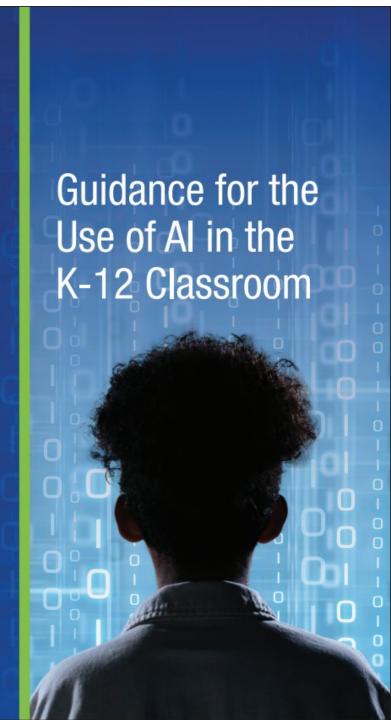


**SREB** 

April 2025

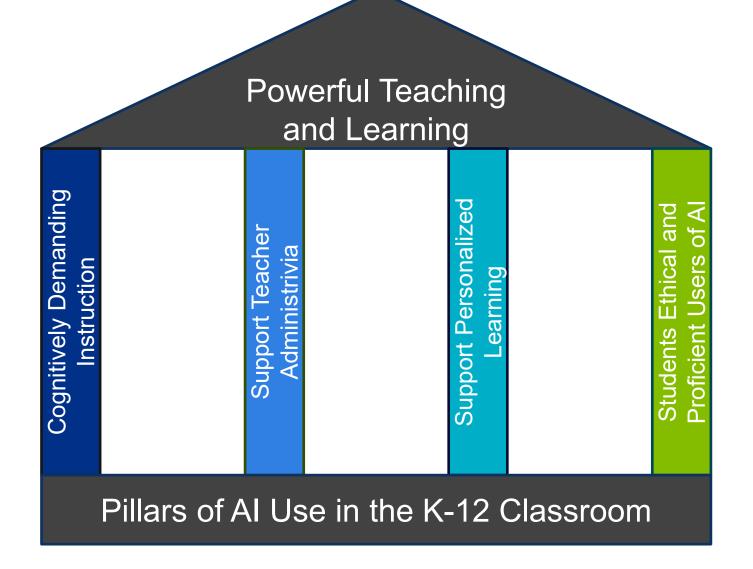
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### Four Pillars of Al Use in the Classroom







# Pillar 1: Enhancing Cognitive Demand with Al Creating Engaging, High-Level Tasks

Use Al-infused tools to develop more cognitively demanding tasks that increase student engagement with creative problem-solving and innovative thinking.

- Al as a Lesson Planning Partner
- Critical Thinking Skills
- Project-Based Learning and Interdisciplinary Assignment Creation
- Interactive Simulation and Scenario Creation
- Student-Generated Content
- Counter Perspective





### Pillar 2: Streamlining Teacher Administrative Work

Reducing Administrative Burden with Al

Use AI to streamline teacher administrative and planning work.

- Al as a Planning Partner
- Improve and Enhance Current Assignments
- Help with Providing Feedback on and Grading Student Work
- Support with Other Aspects of Teaching
- Behavioral Insights



### Pillar 3: Supporting Personalized Learning with Al

Tailoring Education to Individual Needs

Use AI to support personalized learning.

- Supporting Students with Special Needs
- Intelligent Tutoring Systems
- Predictive Analytics
- Automated Feedback
- Customizable Learning Resources
- Enhanced Collaboration Tools
- Natural Language Processing for Support
- Early Monitoring of Students
- Language Translation and Support
- Adaptive Learning Platforms



# Pillar 4: Developing Ethical and Proficient Al Users Building Responsibility in Al Use

Develop students as ethical and proficient Al users.

- Planning Stages of Academic Work
- Critical Media Literacy
- Cross-Disciplinary Learning
- Student-led Al Ethics Committees



# THE AI PROCUREMENT, IMPLEMENTATION AND EVALUATION CHECKLIST

The SREB AI Commission created the procurement checklist to help K-12 educators, schools and districts implement AI tools safely, effectively and ethically. It is organized around five stages of AI implementation.

- Designing an Al Implementation Plan
- Procuring AI Tools
- Deploying AI in Your School
- Monitoring and Evaluating AI Use
- Engaging with Vendors





### Next Steps:

The formation of an SREB Al Advisory Panel

- Teams of state folks from all 16 SREB states
- Quarterly virtual meetings
- Share concerns and challenges
- Share research and findings
- Share implementation experiences
- Share best practices, and
- Identify solutions together going forward



### For more information, please contact

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and

Ivy Coburn, Division Director Education and Workforce Ivy.Coburn@SREB.org

