The Role of Critical Thinking in the Age of AI

As AI transforms the way we live, learn, and work, strong critical thinking skills have become even more essential for student success. At the Council for Aid to Education (CAE), we help institutions prepare learners to thrive in an AI-enhanced world—where human judgment, problem solving, and analytical reasoning are more valuable than ever.

This reference list brings together influential research and emerging perspectives on how critical thinking can—and must—evolve alongside AI, offering practical insights for education leaders driving innovation in teaching and learning.

How to Use These Resources

Whether you're shaping policy, leading academic strategy, or innovating teaching practices, these resources offer valuable guidance to inform your work. Use them to:

- Gain insight into the importance of critical thinking in the AI age
- Discover research on integrating critical thinking skills along with AI literacy and technology
- Guide strategic planning to respond to the impact of AI on learning and the workplace.

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To learn more about CAE's research into the impact of critical thinking instruction on students' outcomes, and our Critical Thinking Skills Program, visit cae.org.

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