

Help Students Level Up Their Higher-Order Skills

As AI and technology reshape industries, students need more than subject expertise when they graduate. Developing higher-order skills—critical thinking, problem solving, and communication—will prepare them to innovate, collaborate, and contribute meaningfully in their careers and communities.



Use this checklist to ensure students are developing these 7 higher-order skills that will help them adapt and thrive in a rapidly changing world.

- Analyze and understand data
- Evaluate the credibility of various sources of information
- Deal with inadequate, ambiguous, and conflicting information
- Apply data to their decision-making process to come to a conclusion or solve a problem
- Construct an organized and logically cohesive argument that clearly explains the evidence that lead them to their conclusion
- Organize, synthesize, and use information from several sources to develop a written response
- Guide AI tools effectively, interpret AI-generated outputs, and apply human judgment to make informed, ethical decisions



CAE's **Critical Thinking Skills Program** checks all the boxes, providing higher ed institutions with instructional materials, assessments, and professional development to teach higher-order skills, measure skill development, and prepare graduates to succeed throughout their careers. Get in touch to learn more!

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