Artificial Intelligence in Public Education



Additional Resources

- <u>The Artificial Intelligence and Data Act (AIDA) Companion document</u> (Government of Canada)
- Responsible Al and Children (Canadian Institute for Advanced Research)
- Guidance for generative AI in education and research (UNESCO)
- K-12 Al curricula: a mapping of government-endorsed Al curricula (UNESCO)
- Al competency framework for teachers (UNESCO)
- UNESCO survey: Less than 10% of schools and universities have formal guidance on Al (UNESCO)
- <u>High-level summary of the AI Act</u> (European Union)
- The EU Al Act (European Union)
- Ontario's Trustworthy Artificial Intelligence (AI) Framework (Government of Ontario)
- A Guide: What is Al? (MediaSmarts)
- Al and social media are everywhere in teens' lives. Can they impact cognitive skills?
 (CBC News)
- <u>Digital Pedagogy Toolbox: Cultivating (Gen)Al Literacy Moving Past Al Pedagogy's</u>
 <u>Hype</u> (BCCampus)
- <u>Teaching AI literacy to the next generation</u> (CBC News)
- Preparing Educators to Teach and Create With Generative Artificial Intelligence (Canadian Journal of Learning and Technology)
- OpenAI and Microsoft Bankroll New A.I. Training for Teachers (NYTimes)
- The Impact of Generative AI on Critical Thinking: Self-Reported Reductions in Cognitive Effort and Confidence Effects From a Survey of Knowledge Workers (Microsoft)
- Your Brain on ChatGPT: Accumulation of Cognitive Debt when Using an Al Assistant for Essay Writing Task (MIT Media Lab)
- The potential of learning with (and not from) artificial intelligence in education (Frontiers in Artificial Intelligence)
- Artificial intelligence in education. Promises and implications for teaching and learning (Center for Curriculum Redesign)
- <u>Leading the way into the age of artificial intelligence</u> (Publications of the Ministry of Economic Affairs and Employment)
- Regulating AI in Canada: A Critical Look at the Proposed Artificial Intelligence and Data Act (The Canadian Bar Review)
- AI, Human Rights, and Canada's Proposed AI and Data Act (Teresa Scassa, Canada Research Chair in Information Law and Policy, University of Ottawa)

Organisation for Economic Co-operation and Development (OECD)

- Artificial Intelligence
- The Potential Impact of Artificial Intelligence on Equity and Inclusion in Education

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- Explanatory Memorandum on the Updated OECD Definition of an Al System
- Empowering Learners for the Age of Al: An Al Literacy Framework for Primary and Secondary Education (European Commission; OECD)
- Smart Data and Digital Technology in Education: Artificial Intelligence, Learning Analytics and Beyond

Education International

- The Unintended Consequences of Artificial Intelligence and Education
- Technology, Artificial Intelligence and the Future of the Teaching Profession
- Empowering Educators in the Age of AI: What Now?
- <u>Data Collection and Privacy in Education</u>

Emerging Practices

- South Korea to Introduce AI to High School Education in 2021; to Train 5,000 Incumbent Teachers by 2025
- Singapore: NIE to train teachers in using AI in classroom, invest in research
- Manitoba educators consider appropriate, ethical AI use as policies develop (CBC News)
- Canadian teachers yearn for guidance, instruction as AI infiltrates classrooms (CBC News)
- Recommendations for Artificial Intelligence, (Finnish Government, 2024)
- <u>Policy paper: Generative artificial intelligence (AI) in education</u> (UK Department for Education)
- Human-centered Al: Guidance for K-12 public schools (Washington Office of Superintendent of Public Instruction)