

June 14, 2023

**Memorandum to:** Directors of Education  
Secretary/Treasurers of School Authorities

**From:** Yael Ginsler  
Assistant Deputy Minister  
Student Achievement Division

Denys Giguère  
Assistant Deputy Minister  
French Language Teaching, Learning and Achievement  
Division

**Subject:** New Computer Studies course: *Digital Technology and Innovations in the Changing World/Technologies numériques et innovations dans un monde en évolution*, Grade 10, Open (ICD2O)

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As part of the Ministry of Education's commitment to modernizing education and preparing students for the jobs of tomorrow, the Minister of Education has issued a new Grade 10 Computer Studies course, *Digital Technology and Innovations in the Changing World*, Open (ICD2O).

The new *Digital Technology and Innovations in the Changing World* course (ICD2O) replaces *Introduction to Computer Studies, Grade 10, Open* (ICS2O) and will be implemented in Ontario classrooms starting in September 2023. As of September 2023, ICS2O should no longer be offered and the course code will expire at the end of the 2022-23 school year. Please note that all other courses in *The Ontario Curriculum, Grades 10 to 12: Computer Studies, 2008* remain in effect.

This course will help students develop cutting-edge digital technology and computer programming skills that will support them in contributing to and leading the global economic, scientific and societal innovations of tomorrow. Students will learn and apply coding concepts and skills to build hands-on projects and investigate artificial intelligence, cybersecurity, and other emerging digital technologies that connect to a wide range of fields and careers. Using critical thinking skills with a focus on digital citizenship, students will investigate the appropriate use and development of the digital technologies that they encounter every day, as well as the benefits and limitations of these technologies.

The new *Digital Technology and Innovations in the Changing World* course is available to all parents, teachers and students on the Curriculum and Resources website at [Ontario.ca/curriculum](https://www.ontario.ca/curriculum).

## Implementation Supports

The ministry is committed to supporting educators through training and resources, including webinars and classroom-ready resources. A key changes document and parent guide are available on the Curriculum and Resources website that outline new learning in the course. Educators will also have access to professional learning opportunities, including ministry hosted webinars, which will be made available on the [Curriculum and Resources website](#).

In addition, the ministry will be partnering with third-party education stakeholders and organizations who will be developing further resources to support the implementation of this course.

## Accessing curriculum and resources

All curriculum and supporting ministry-developed resources are available through Curriculum and Resources website ([//Ontario.ca/curriculum](https://Ontario.ca/curriculum)).

To register for the introductory webinar that will take place on June 26 at 4:00 P.M., please visit this [link](#).

Thank you for your ongoing support and leadership in ensuring Ontario's students are equipped with the skills and knowledge they need to lead the global economic, scientific and societal innovations of tomorrow.

Sincerely,

Yael Ginsler  
Assistant Deputy Minister

Denys Giguère  
Assistant Deputy Minister

cc: Executive Director, Association des conseils scolaires des écoles publiques de l'Ontario (ACÉPO)  
Executive Director, Association franco-ontarienne des conseils scolaires catholiques (AFOCSC)  
Executive Director, Ontario Catholic School Trustees' Association (OCSTA)  
Executive Director, Ontario Public School Boards' Association (OPSBA)  
Executive Director, Association des gestionnaires de l'éducation franco-ontarienne (AGÉFO)  
Executive Director, Council of Ontario Directors of Education (CODE)  
Executive Director and Secretary-Treasurer, Association des enseignantes et des enseignants franco-ontariens (AEFO)

General Secretary, Ontario English Catholic Teachers' Association (OECTA)  
General Secretary, Elementary Teachers' Federation of Ontario (ETFO)  
General Secretary, Ontario Secondary School Teachers' Federation (OSSTF)  
Chair, Ontario Council of Educational Workers (OCEW)  
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