

2021-2022 - Professional Learning Plan - Science, Social Studies & Eco Schools - K-12						
Priority: Focus	Initiative	Details and Timeline	Grade(s)	# of Schools	# Teachers /School	Monitoring
MHWBE: Improve Student, Parent & Community Engagement	SPEAKERS SERIES [STEAM FOCUSED]	This experiential learning opportunity will bring experts from <i>Science, Technology, Engineering, Arts and Math to the classroom</i> . <b>Timeline: September - June</b>	7 - 12	ALL	ALL	Teacher/Student Feedback Student Artifacts
PT: Improve Student Readiness for Future Success	VIRTUAL STEAM WEBINARS	In collaboration with various community partners, these virtual webinars will engage and challenge students to apply the principles of design thinking to local or world problems. The focus of this initiative is to allow students to raise cultural awareness and make deeper connections to their learning. Community partners may include: <i>The Learning Partnership, Let's Talk Science, Everfi, Edwin, other</i> . <b>Timeline: September - June</b>	4-12	ALL	ALL	Pre, during, post sessions with teacher participants: anecdotal feedback, teacher surveys, teacher written documentation
MHWBE: Improve Student, Parent & Community Engagement	TORONTO SCIENCE FAIR	Encourage and support teachers and students to participate in the Virtual Toronto Science Fair. Students will apply the scientific inquiry model to investigate a topic of curiosity and wonder. <b>Timeline: January - May</b>	7-12	ALL	TBD	Participation Teacher/Student Feedback
ACH: Improve Literacy Achievement	INNOVATION CHALLENGE	This initiative will promote <i>Design Thinking</i> by challenging student to learn about the UN Sustainable Goals and empathize, define, ideate, prototype and test solutions to world problems. This initiative will support integrated thinking, critical thinking, problem solving and communication skills. <b>Timeline: January - May</b>	K-12	ALL	ALL	Participation Teacher/Student Feedback Student Artifacts
ACH: Improve Conditions for Learning	LEARNING THROUGH DOING' INITIATIVE	To extend the <i>Science and Social Studies</i> curriculum and promote exploratory learning, this initiative will engage teachers and students in hands-on activities, kits or other DIY experiences. <b>Timeline: December - June</b>	K-10	ALL	TBD	Participation Teacher/Student Feedback Student Artifacts

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MHWBE: Improve Student Mental Health & Well Being	OUTDOOR LEARNING INITIATIVE	This initiative will promote the importance of outdoor learning, mental health and wellness, physical education and science exploration and stewardship. This pilot will bring learning outdoors and and promote inquiry through exploration and discovery. This is a collaborative effort with Early Learning, Outdoor Education, Health and Physical Education, ESL and Science departments. <b>Timeline: January - June</b>	K-3	2	TBD	Participation Teacher/Student Feedback Pedagogical Documentation
HRE: Culturally Responsive Pedagogy & Instructional Equity	WAYS OF KNOWING INITIATIVE	In collaboration with other departments and curriculum areas, [FNMI, Community Relations, ESL, Religion, other], this initiative is intended to help educate teachers and students about the vast variety of knowledge that exists across diverse Indigenous communities and the relationship to Mother Earth through authentic learning experiences. The goal of this initiative is to build capacity and knowledge about the Social Studies curriculum. <b>Timeline: September - June</b>	K - 12	ALL	ALL	Pre, During, Post ' <i>check and connect</i> ' with teachers and students Anecdotal feedback
HRE: Culturally Responsive Pedagogy & Instructional Equity	FILM FESTIVAL [Focus: Social Studies, Science and Environmental Science]	This initiative will bring documentaries to the classrooms that support integrated thinking. Documentaries create connections across time, place, and cultures. <b>Timeline: January - June</b>	7-12	ALL	ALL	Participation Teacher/Student Feedback
MHWBE: Improve Student, Parent & Community Engagement	BOARD INITIATIVES	Curriculum focused learning experiences that support the curriculum and celebrate culture, innovation and historical events. Some examples include: International Women's Day, Holocaust Education Month, Earth Day, Holodomor, other. <b>Timeline: September - June</b>	K-12	ALL	ALL	Participation Teacher/Student Feedback

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MHWBE: Improve Student, Parent & Community Engagement	GREENING INITIATIVES [School Greening and Pollinator Gardens Projects]	These initiatives promote environmental stewardship and our collective call to action. In partnership with the Toronto Regional Conservation Authority, the City of Toronto and other Environmental groups/organizations, these initiatives aim at learning more about Pope Francis' encyclical - <i>Laudato Si</i> and deepen an awareness of Indigenous ways of knowing. <b>Timeline: September - June</b>	K-12	8-10	TBD	Participation Teacher/Student Feedback