



Dr. Nathalie Sinclair

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Dr. Nathalie Sinclair, Canada Research Chair in Tangible Mathematics Learning, is bringing her passion for mathematics to her research on improving math learning experiences. She is tapping into young children's natural abilities in spatial reasoning to find ways to engage and motivate them to learn through physical activities and visual perspective exercises.

Sinclair is also examining how computer-based learning can increase children's mathematical sophistication at different ages. Emerging technologies are making it possible for younger grade levels than previously possible to interact with potent mathematical concepts.

Sinclair's insights into how children learn mathematics will help inform Canadian policy-making on technology use in classrooms and have an impact on how math is taught and learned in Canadian primary schools.

More importantly, Sinclair's research will help ensure Canadians have the mathematical skills essential for success in the global economy.

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