



Math Readiness for Aboriginal Students

Saskatchewan Indian
Federated College,
University of Regina

Objectives for Innovation

Multimedia CD-ROM

Intended Audience

First Nations adult students preparing for post-secondary studies requiring basic mathematical skills

Results Achieved

Interactive multimedia CD-ROM for enhancing math skills

Math instruction within an aboriginal cultural context

Flexible access for students across the province and at the University of Regina

Implementation

September 1999

Math Readiness is an interactive multimedia CD-ROM that enables First Nations adult students to improve their basic mathematical skills in preparation for post-secondary studies.

The CD provides lessons and exercises within an aboriginal cultural context. Examples from everyday life help students connect their intuitive ability to solve problems with the logical skills they need to develop in order to solve more complex problems.

The curriculum emphasizes visualization and contains many examples to help students “see” and “think” mathematics. Because the examples are relevant to their cultural context, students are better able to understand the problem intuitively.

Math Readiness provides a stimulating and motivational learning environment for adults who may not have been successful with traditional methods of learning math. It can help students gain confidence in their ability to succeed in university-level math and science courses.

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