



## Numeracy II

### Saskatchewan Institute of Applied Science and Technology

#### **Objectives for Innovation**

Multimedia CD-ROM

#### **Intended Audience**

Adult students completing  
Basic Education

#### **Results Achieved**

Interactive multimedia CD-ROM  
for students to improve  
numeracy skills

Stimulating and motivational  
learning environment

Skills required for further study or  
work-based training where  
math is important

Flexible access for students across  
the province and at SIAST  
Woodland Campus

#### **Implementation**

December 2000

Numeracy II is an interactive multimedia CD-ROM that enables students to improve their numeracy skills and prepare for math study at advanced Basic Education levels or work-based training. The student accompanies a young Aboriginal woman on a journey of discovery through the North where she experiences the beauty of the country, learns about native plants and animals, and discovers how to overcome obstacles she faces along the way. As she learns the ways of nature, she comes to understand fractions, learns how to work with them and applies her knowledge to solve problems involving fractions.

The first part of the CD helps students to understand, manipulate and compare fractions. The second part focuses on addition, subtraction, multiplication and division, and word problems. The third part of the CD uses fractions to teach ratio, proportion, scale, probability and measurement. Tutorials, drills, practice and testing help students to learn these numerical concepts and apply them to real-life situations.

Numeracy II provides a stimulating and motivational learning environment for adults who may not have been successful with traditional methods of learning math at the K-12 level. Students increase their self-confidence by developing math skills.

#### **Contact**

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