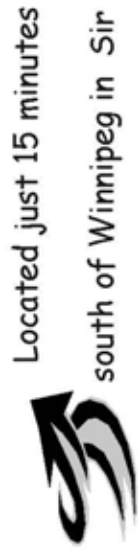


# The Red River Valley Floods Interpretive Centre



Located just 15 minutes south of Winnipeg in Sir George-Étienne Cartier Park, the Red River Valley Floods Interpretive Centre offers a hands-on experience for your students directly related to your curriculum! The Interpretive Centre also features a Flood of the Century exhibit and slide show.



## Grade 4

### Erosion—A Ground Breaking Idea!

Students will experiment with different types of soil and how they erode. They will then learn about soil erosion and its' causes. By using the design process, they will brainstorm and create an appropriate system for controlling soil erosion. A slide show and a visit to Sainte-Agathe's riverbank to view its' existing stabilization project will wrap-up this program.

Length: 2 hours

## Grade 7 The Soiled Mystery

Detective LeSol needs your help to solve this crime. Joe Pico, a famous freelance photographer is missing! To solve this case students will experiment with different types of Manitoba soil. They will then use this information to analyze soil samples from different clues he left behind. Students will then observe how flooding affects and impacts soil quality.

Length: 2 hours

## Grade 8 Hunting for Clues!

Students will be sent on a Flood Scavenger Hunt! By searching through the exhibit, students will discover the answers to the following questions: What are factors that cause flooding? What were some of the major barriers used to prevent water damage during the Flood of the Century? Next, students will use the Design Process to construct a water barrier. The program will wrap-up with a tour of Sainte-Agathe's riverbank to identify methods used by the town to prevent erosion and flooding.

Length: 2 hours