

## **Erosion by Ice** **AKA: Glacial Erosion**

A glacier is a large mass of moving ice. Glaciers are also known as “rivers of ice.” They can erode and deposit large amounts of rocks. There are two types of glaciers: **continental** glaciers and **alpine** glaciers. Today you will use two Web sites to learn more about these glaciers and how they change the Earth’s surface.

<http://www.on.ec.gc.ca/greatlakeskids/GreatLakesMovi5.html>

**Directions:** Take notes as you view the movie. Take **at least one** note per page.

### **Continental Glaciers**

- massive, moving sheets of ice
- cover 10% of the Earth’s surface
- created the Great Lakes

<http://library.thinkquest.org/TQ0311164/valglac.htm>

Directions: Use the information on this Web page to complete the notes below and the table on the other side of the page.

### **Alpine (or Valley) Glacier**

- found in
  
- moves
  
- causes

### **Erosion Features**

glacial erosion –

abrasion –

plucking -

## Alpine Glacier Erosion Features

Feature	What is it?	How is it formed?
Arete		
U-Shaped Valley		
Erratic		
Cirque		
Moraine		
Hanging Valley		
Staircase Lakes		