DePaul Center for Urban Education
Chicago Math Connections
This project is funded by the Illinois Board of Higher Education through the Dwight D. Eisenhower Professional Development Program.

**Topic:** Chicago Climate  
**Goal(s):** 6, 8, 10  
**Skills:** Subtraction, and analyzing, graphing and interpreting data.

**What’s the context?**  
Chicago climate throughout the year

**Which data will students use?**  
Climate & Geography of Chicago

**What will students learn from this project?**

**Know how** – what will they be able to do better?  
Subtract numbers with more precision

**Know what** – what idea(s) will they clarify through the project?  
Data analysis and change over time.

**What’s the challenge?**

1). Analyze the weather data, and for each month calculate the difference in average maximum and minimum temperature in Chicago  
2). Find which month has the greatest difference in temperature, and which month has the smallest difference in temperature?  
3). Create a bar graph to show temperature variation for each month of the year in Chicago.

**Checkpoint:** Ask a neighbor to look at your results and use them to explain which month of the year would be the easiest to pack for while visiting Chicago.